momentum
Chemical and Construction Materials

2021 Product Catalogue

Insulation Plaster

Waterproofing Products

Floor Coating Products

Repair mortar and Adhesive

Paints and Primer

"Chemical effect of passion"

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Chemical and Construction Materials

"Chemical effect of passion"


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About Us

Momentum Ecological Building Materials has emerged as a product of 9 years of R & D and team work and our company has been established to serve our customers by protecting the expert staff.

Our Production Facility

Momentum aims to increase its production to 30.000 tons / year for 2018 by continuing its activities by producing 20.000 tons / year in its facilities established on 2000 m² closed area and 2500 m² open area.

Momentum chemistry and ecological building materials

Providing 40-50% energy savings by making proper insulation in your buildings with Momentum products. Contributing to national economies by eliminating unnecessary loads by using Momentum light plaster, lightweight concrete and light precast products and reducing construction costs in our countries and countries with earthquake risk. Inorganic raw materials leaving a livable world for future generations without harming the environment with the Momentum products that are formed; Designed for specialist personnel and fully lightweight construction materials in the insulation and insulation sector with ISO 9001 (Quality Management Systems), ISO 14001 (Environmental Management Systems), TSE (Turkish Standards Compliance Certificate) and CE (European Conformity Certificate) based dosing technology and in line with the standards and quality production.

- Eco friendly ecological products.
- Careful production in the laboratory environment.
- Long lasting and permanent solutions in insulation.
- Expert and experienced staff.

Our values

- Vocational Qualification.
- Stability.
- Creativity.
- Teamwork.
- Continuous Improvement.
- Using initiative.
- Quality.
- Corporate Responsibility.
- Integrity.
- Trust.
- Respect.

"Chemical effect of passion"

we are opening a new page in insulation

water fire heat sound ecological

FN 25

INDOOR / OUTDOOR
Ecologic insulation plaster.

Product Description: Cement based, expanded glass bead granule filled, polymer reinforced, special ,exterior and interior thermal insulation plaster.
Momentum FN25 thermal insulation plaster is used in interior and exterior facades. The expanded glass bead is formed by supporting with aggregate hydraulic binder and 99% natural raw materials providing superior performance; It is an ecological insulation plaster that provides heat, water, sound and fire insulation. Does not form heat bridges. A1 class non-flammable, breathable material. Due to its low density, it does not put any load on the structures. It does not contain carcinogenic substances. Provides sound insulation. It is resistant to acid rain, prevents moisture and moisture and prevents mold and fungus formation. It does not undergo chemical degradation, it is equivalent to the life of your building.

Benefits:
- Class A1 Fireproof
- High Termal Insulation Value
- Hydrophobic
- Sound Dampening
- Mold and Mildew Resistant (breathing)
- No additional space during application (Provides extra isolation as 15%, compared to other insulation products)
- Water Mix Only
- Easy Application
- Worker Saving (Ability to finish work at once, 100% easier, faster and workforce economy compared to other application systems)
- Environmentally Friendly
- It is composed of inorganic and natural material; *Momentum FN25 Heat Insulation Plaster Life=Building Life*
- Silica Free

Scope Of Application: Concrete, reinforced concrete, brick, pumice, aerated concrete, gypsum board, betopan, OSB, restoration of old buildings and works, interior and exterior insulation of buildings.

Surface Preparation:
- The surfaces to be applied must be dry and clean. If the application surfaces are damaged, they must be removed before plastering.
- If the application surface is old and painted; surface notched and swollen all parts

should be removed from the ground. Adhesion enhancer, Gross concrete primer should be applied to the surface after cleaning and repair *(MOMENTUM CORSE PRIMER-0,250 / m² 2 layer)*
- If the surface to be applied is old and black plaster; If the floor is swollen by checking, or if there is an under plaster space, after removing these, adherence enhancing concrete primer should be applied *(MOMENTUM CORSE PRIMER-0,250 / m² 2 layers)*
- If the surface to be applied is gross concrete; adherence enhancer must be applied to the surface *(MOMENTUM CORSE PRIMER-0,250 / m2 2 coats)* and then a cement-based adhesive is applied in the form of a thin layer and heat insulation plaster should be applied.

NOTE: If the application area is very large on the concrete and gross concrete surfaces, the use of the net is eliminated.

Preparation Of Plaster: One bag of Momentum FN25 (or half of it by adding sufficient amount of water) is poured into the container where the mixture will be made and 14,0-15,5 liters of water is added and mixed with the mixer for 6-8 minutes. It is recommended that we mix all the bags at the same time before the mixtures are prepared. The prepared mixture should be used within 2 hours. Prepared mixtures are applied to the surface with a trowel or machine.

NOTE: If there is a wait, the material should be used after mixing well.

*NOTE:*Recommended to apply two layer.

Application Temperature: Momentum FN25 in the application environment temperature +5 °C -35°C.

NOTE: if the temperature is more than 35 degrees, the surface to be treated should be diluted and after the first application, two applications should be done after the surface has been diluted.

Application: The wall surfaces to be applied should be cleaned and if there are defects on the surfaces, these defects should be removed. Anos are mounted at regular intervals on the building surface. The previously prepared material is filled with steel trowel or plastering machine between the anodes. Then, the plaster is taken to the anolar condition by correcting the plaster with excess gauge. With a steel trowel, the surface is given a decorative texture or a smooth appearance. Approximately 48 hours after the application, if desired, paint works.

Material Consumption:
4,5-5,0 kg on 1 m² surface for 1 cm thickness.
1 bag = for 20kg, 2,00-2.20 m² for 2 cm thickness

Storage Conditions: +5 ° C and above in dry environment without contact with water.

Packaging: 20 kg kraft paper bags.

Shelf Life: 12 months in dry and rubless language.

FN 25

INDOOR / OUTDOOR
Ecologic insulation plaster.

water fire heat sound ecological

Momentum FN25

Ecologic insulation plaster outdoor application.

Technical Specifications

EN 998-1 (T,A1,CSII,FP:B,W1,T1)

Apperance	White
Dry Density	450 ± 100 kg/m³ EN 1015-10
Thermal Conductivity	T1 , <0.10 W/mK EN 1745
Compressive Strength	CSII ≥1.50 N/mm² EN 1015-11
Bond Strength	> 0,30 N/mm² EN 1015-12
Water Absorption	W1 ≤ 0,40 kg/ m² min 0.5 EN 1015-18
Vapor Diffusion	≤15μ (5-6) EN 1015-19
Fire Resistance	CLASS A1; FIREPROOF EN 13501-1+A1
Atmospheric Ambient Strength	Resistant
Readiness Time to Paint	48 Hours at approprite
Application Temperature Range	(+5°C) - (+35°C)
Pot Life	3,5-4 hour
Dry Time	First dry 12 hour , last dry 48 hour , test dry 28 day *Note:Application between coats 12 hours*
Mixing Ratio	14,5-15,5 lt water / 20 kg powder
Application Type	Manually or with Machine
Stroge Time	12 month (at appropriate ambient)

Consumption

For 1cm thickness	4,50-5,00kg. / m²
For 2cm thickness	1 bag (Package 20kg.) 2,00m² ± %5

FN 50

INDOOR / OUTDOOR
Ecologic insulation plaster.

Product Description: Cement based, expanded glass bead granule filled, polymer reinforced, special ,exterior and interior thermal insulation plaster.
Momentum FN50 thermal insulation plaster is used in interior and exterior facades. The expanded glass bead is formed by supporting with aggregate hydraulic binder and 99% natural raw materials providing superior performance; It is an ecological insulation plaster that provides heat, water, sound and fire insulation. Does not form heat bridges. A1 class non-flammable, breathable material. Due to its low density, it does not put any load on the structures. It does not contain carcinogenic substances. Provides sound insulation. It is resistant to acid rain, prevents moisture and moisture and prevents mold and fungus formation. It does not undergo chemical degradation, it is equivalent to the life of your building.

Benefits:
- Class A1 Fireproof
- High Termal Insulation Value
- Hydrophobic
- Sound Dampening
- Mold and Mildew Resistant (breathing)
- No additional space during application (Provides extra isolation as 15%, compared to other insulation products)
- Water Mix Only
- Easy Application
- Worker Saving (Ability to finish work at once, 100% easier, faster and workforce economy compared to other application systems)
- Environmentally Friendly
- It is composed of inorganic and natural material; *Momentum FN50 Heat Insulation Plaster Life=Building Life*
- Silica Free

Scope Of Application: Concrete, reinforced concrete, brick, pumice, aerated concrete, gypsum board, betopan, OSB, restoration of old buildings and works, interior and exterior insulation of buildings.

Surface Preparation:
- The surfaces to be applied must be dry and clean. If the application surfaces are damaged, they must be removed before plastering.
- If the application surface is old and painted; surface notched and swollen all parts

should be removed from the ground. Adhesion enhancer, Gross concrete primer should be applied to the surface after cleaning and repair *(MOMENTUM CORSE PRIMER-0,250 / m² 2 layer)*
- If the surface to be applied is old and black plaster; If the floor is swollen by checking, or if there is an under plaster space, after removing these, adherence enhancing concrete primer should be applied *(MOMENTUM CORSE PRIMER-0,250 / m² 2 layers)*
- If the surface to be applied is gross concrete; adherence enhancer must be applied to the surface *(MOMENTUM CORSE PRIMER-0,250 / m2 2 coats)* and then a cement-based adhesive is applied in the form of a thin layer and heat insulation plaster should be applied.

NOTE: If the application area is very large on the concrete and gross concrete surfaces, the use of the net is eliminated.

Preparation Of Plaster: One bag of Momentum FN50 (or half of it by adding sufficient amount of water) is poured into the container where the mixture will be made and 14,0-15,5 liters of water is added and mixed with the mixer for 6-8 minutes. It is recommended that we mix all the bags at the same time before the mixtures are prepared. The prepared mixture should be used within 2 hours. Prepared mixtures are applied to the surface with a trowel or machine.

NOTE: If there is a wait, the material should be used after mixing well.

*NOTE:*Recommended to apply two layer.

Application Temperature: Momentum FN50 in the application environment temperature +5 °C -35°C.

NOTE: if the temperature is more than 35 degrees, the surface to be treated should be diluted and after the first application, two applications should be done after the surface has been diluted.

Application: The wall surfaces to be applied should be cleaned and if there are defects on the surfaces, these defects should be removed. Anos are mounted at regular intervals on the building surface. The previously prepared material is filled with steel trowel or plastering machine between the anodes. Then, the plaster is taken to the anolar condition by correcting the plaster with excess gauge. With a steel trowel, the surface is given a decorative texture or a smooth appearance. Approximately 48 hours after the application, if desired, paint works.

Material Consumption:
4,5-5,0 kg on 1 m² surface for 1 cm thickness.
1 bag = for 20kg, 2,00-2.20 m² for 2 cm thickness

Storage Conditions: +5 ° C and above in dry environment without contact with water.

Packaging: 20 kg kraft paper bags.

Shelf Life: 12 months in dry and rubless language.

water fire heat sound ecological

Momentum FN50

Ecologic insulation plaster outdoor application.

Technical Specifications

EN 998-1 (T,A1,CSII,FP:B,W1,T1)

Apperance	White
Dry Density	500 ± 100 kg/m³ EN 1015-10
Thermal Conductivity	T1 , <0.10 W/mK EN 1745
Compressive Strength	CSII ≥1.50 N/mm² EN 1015-11
Bond Strength	> 0,30 N/mm² EN 1015-12
Water Absorption	W1 ≤ 0,40 kg/ m² min 0.5 EN 1015-18
Vapor Diffusion	≤15μ (5-6) EN 1015-19
Fire Resistance	CLASS A1; FIREPROOF EN 13501-1+A1
Atmospheric Ambient Strength	Resistant
Readiness Time to Paint	48 Hours at approprite
Application Temperature Range	(+5°C) - (+35°C)
Pot Life	3,5-4 hour
Dry Time	First dry 12 hour , last dry 48 hour , test dry 28 day *Note:Application between coats 12 hours*
Mixing Ratio	14,5-15,5 lt water / 20 kg powder
Application Type	Manually or with Machine
Stroge Time	12 month (at appropriate ambient)

Consumption

For 1cm thickness	4,50-5,00kg. / m²
For 2cm thickness	1 bag (Package 20kg.) 2,00m² ± %5

WATERPEOOFING

WP-STOP WATER

Elastomeric Waterproofing Coating

Product Description: Acrylic dispersion based, one component, liquid plastic coating and waterproofing material which is highly elastic, and saves energy by reflecting radiant heat energy on surface of roofs.

Scope of application:

- Waterproofing of the all types of flat or sloped roofs and terraces covered with concrete, plaster, asbestos cement, galvanized steel, zinc, aluminium, PVC, polyester, wood.
- Exterior waterproofing of buildings.
- Surfaces of concrete, plaster, stone, clinker, decorative coatings etc.
- Old bitumen, bituminous membrane or asphalt covered surfaces.
- Waterproofing and energy saving material.

Product Features:

- Ready to use, easily applicable with brush and roller by airless spray method.
- Low labor cost.
- 300% elastic.
- Water vapor permeable.
- Highly resistant to UV rays.
- High UV (radial heat) reflectivity.
- Reducing the surface temperature of the building retains more heat and reduces the temperature within the building.
- Saves energy by reducing the need of electric energy used for cooling.
- Strong adhesion to hard surfaces.
- Remains flexibility at low temperature.
- Suitable for pedestrian traffic.
- Resistant to extreme weather conditions and aging.
- Resistant to stagnant water.

Packaging: 19,5kg (15L) plastic bucket.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of +5°C / +25°C. Once a can has been opened, use as soon as possible.

Application:

- The substrate must be solid, dry, free of dust, loose parts, paint, wax, oils, rust and traces of gypsum. – Cementitious substrates must be cured.
- Use a repair mortar in case of any loose and uneven substrates to get a sound and flat surface. Very thin cracks can be repaired with *STOP WATER* by sweeping with brush or stripping with a trowel method.
- Before application *STOP WATER*, surface should be primed with thin *STOP WATER* %10-15 as a primer or *M-STAR P ASTAR*.
- Apply on to the surface in two or preferably three coats with brush or roller after mixing. Total thickness of application should be 0,8-1 mm.
- Surfaces carrying in risk of cracking, (especially heavily used roof surfaces) the thickness should be min 1,5-2 mm nad use fiber mesh.
- 2nd layer should be done after the first coat is completely dry.
- Waiting time between the applications of two layers is about 4 hours. It may be rised up to 24 hours depending on the temperature and relative humidity conditions.
- Additives which are not recommended in data sheet should not be used.
- Pail should be closed while waiting. Freezing should be avoided.
- For strengthening wide surfaces and crack bridging, *STOP WATER* should be applied with special waterproofing mesh. The joints such as parapet corners, skylight and base part of chimneys; the usage of waterproofing tape or the application of the product combined with special waterproofing net is recommended. This application should follow priming.
- Do not apply in extremely hot and highly windy weather conditions under direct sunlight and when fog, rain or frost is expected. Lower temperatures and higher relative humidity may elongate the drying time.
- Surface should not subjected to heavy load traffic.

Application Data:

- Application Temperature Range (+5°C) - (+35°C)
- Waiting Time Between the Coats 4-8 hours
- Ready to Use 3-7 days
- Consumption ~1,5 kg/m² (for 1 mm thickness)
- Application (vertical) 2 layers / Thickness: 0.75 - 1.00 mm
- Application (horizontal) 3 layers / Thickness: 1.00 - 2.00 mm

Technical Properties (at 23°C and 50% RH)

General Data	
Appearance	White liquid
Shelf life	24 months when stored in the original sealed packaging
Performance Data	
Waterproofing	≥ 1 bar / 24 hour
Elongation of rupture	≥0,8 N/mm²
Tensile Adhesion Strength After Cycling Without Deicing Salts Immersion	≥0,8 N/mm²
Tensile Adhesion Strength After Heat Ageing (EN 1062-11/EN 1542)	≥0,8 N/mm²
Resistance to Accelerated Ageing (EN 1062-11)	After 2000 hours UV radiation and humidity; No blistering /cracking /flaking No visible change.
Crack Bridging (EN 1062-7)	(21 °C) ≥2,5 mm
Elongation of rupture	Elongation of rupture
Permeability to Water-vapor (EN ISO 7783-2)	Class I ; Sd 50 m (Sd: Equivalent air thickness)
Chloride Diffusion (ASTM C1202)	≤ 200 Coulomb (Class: Very low permeability)
Capillary Water Absorption (EN ISO 1062-3)	< 0,1 kg/m² h1/2
Service Temperature Range	(-30°C) - (+80°C) Dangerous Substances See SDS. Ds1d0

WP-UE

Two Component Cement Based Elastic Waterproofing Material.

waterproofing

Product Description: *HI-TECH WP-UE* is an economic cementitious, polymer dispersion based, highly flexible protective coating and waterproof barrier.

Areas of Application: *HI-TECH WP-UE* can be used to waterproof,

- Water tanks, wastewater, sea water and marine aquarium tanks,
- Balconies, plaza decks, in combination with UV protection,
- Underneath tile mortars (showers, sanitary rooms, kitchens, pools, etc.),
- Wet areas such as baths, toilets, kitchens and laundries,
- Any concrete structures and can be applied above or below grade.

Properties and Advantages: This product is two component and resistant to water, moisture and abrasion. Its liquid mixing component is solvent free. *HI-TECH WP-UE* is a stand-alone product. It can top or overcoated with flexible or rigid mortars, stuccos or coatings for uniform appearance. It bridges shrinkage cracks. Larger cracks can be sealed with Fibermesh.

Advantages of the material are:

- UV resistance.
- Waterproof membrane.
- Applied above or below grade.
- Elongation up to 40%.
- Crack bridging.
- Horizontal, vertical and overhead application.
- Exterior (positive side) or interior (negative side) waterproofing of new or old below grade foundations.
- Can be used at balconies, plaza decks, in combination with UV protection.
- Can be used at underneath tile mortars (showers, sanitary rooms, kitchens, pools, etc.).
- Can be used at water, wastewater, sea water and marine aquarium tanks and other reinforced concrete structures. Solvent free environmentally friendly.
- No priming is necessary in most cases.
- Breathable (not a vapor barrier).
- Can be applied to moist/damp substrates.
- Resists abrasion, mechanical wear and deicing salts.
- Stands up to pedestrian and light traffic.
- Permanently flexible.
- Resists strong hydrostatic pressure (tested up to 50 m. water head, positive side).
- Self curing.
- Active barrier to carbon dioxide.

Packaging: 30kg. set. (20 kg. powder + 10 kg. liquid component.)

Storage: Unopened original packages can be kept for 12 mounths in a dry condition.

Surface Preparation: The surface must be dry, solid, free of voids, cracks and open pores. Materials and loose parts that may prevent adhesion should be removed from the surface. Repair mortars should be used to remove surface defects. Corners should be rounded and the surface should be saturated with water (no puddles). Dry, dusty or very absorbent surfaces should be primed by mixing water to the liquid component of the material in a ratio of 1: 4 to 1: 5.

Product Preparation:

- The liquid component is poured into a clean bucket, the powder component is added slowly and mixed with a low-speed mixer (up to 300 rpm) until a homogeneous and lump free mixture is obtained. In cases where the surface dries quickly or in hot weather applications, maximum 10% of the liquid component amount can be added to the mixture.of application (after 3 days).
- The cured application can be troweled over with parging (rendering/plaster) after 1 day or painted with a vapor open, solvent free paint (non silicate) after 3 days at +20°C.
- Do not expose the application to water during the setting time.
- Expect prolonged setting and hardening time in rooms with high humidity, poorly ventilated areas and corners (i.e. water tanks).
- Negative water pressure, if exposed to freezing, can create spalling of the application.
- If application is exposed to intense sunlight work against movement of sun.
- Carbonation protection and carbondioxide screen: 1mm. *HI-TECH WP-UE* thickness warrants the same protection as 30 cm concrete.
- Do not use in contact with alkali sensitive metals,such as copper, aluminum, galvanized or zinc treated metal. Protect and seal metal first with a primer.
- *HI-TECH WP-UE* has a limited UV stability. Long term exposure to direct sunlight may lead to decomposition of the polymer.

Technical Properties

All data are averages of several tests under laboratory conditions. In practise, climatic variations such as temperature, humidity, and porosity of substrate may affect these values.

Base	Cement, polymer dispersion
Mixing ratio	20 kg (powder) / 10 kg (liquid)
Mortar Density	1,80 - 1,90 g / cm³ (TS EN 1015-6)
Pot life	~ 60 minutes
Application / surface temperature	+ 5°C to + 30°C
Adhesion strength	~ 1,0 N / mm² (TS EN 1542)
Water impermeability	5 bar 0 mm (on the positive side) (TS EN 12390-8)
Elongation at picking	30-40% (ASTM D 412-98a)
Crack bridging	1.41 mm (ASTM C 836: 95)
Rain resistance	After 6 hours
Printability	After 1 day
Pressurized water resistance	After 7 days

WP - 2K 100

Two Component Cement Based Semi elastic Waterproofing Material.

waterproofing

Consumption:
Wet rooms: 3 kg/m² in two layers
Water tanks, pools and terraces: 3,5-4,0 kg/m² in two layers

Packaging: 25 kg. set. (20 kg. powder + 5 kg. liquid component.)

Storage: The product can be kept for 6 months in a dry condition.

Important Warnings:
If the environment and surface temperature is below + 8 ° C or above 30 ° C in *HITECH WP-2K 100* application, the appropriate temperature should be expected.
Avoid application on terraces exposed to extreme heat and vertical sunlight. In external surface applications, the surface must be protected from sun, wind, rain and frost for the first 24 hours. For the material to complete its curing, the ambient and ground temperature should not fall below the allowed minimum temperature. *HITECH WP-2K100* applied at 20 ° C to 23 ° C becomes waterproof after 7 days. For special and risky applications, consult MOMENTUM technical department.

Product Description: Semi elastic, cement based waterproofing slurry which is effective to both negative and positive water pressure.

Using Areas: *HI-TECH WP-2K100* can be used to waterproof,
- Water tanks (suitable for potable water tanks, no toxic effect.),
- Pools,
- Terraces and balconies,
- Wet areas such as baths, toilets, kitchens and laundries, --Concrete faces of buildings,
- Basements from both negative and positive sides,
- Retaining walls.

Properties and Advantages:
- Water tight up to 20 m. water column,
- Perfect adhesion to concrete surfaces,
- Crack bridging,
- Suitable to use with reinforcement mash,
- High impact resistance,
- Application without joints is possible.
- It is flexible.
- It is sand and cement based so it adapts very well to damp concrete surfaces.
- Resistant to shrinkage cracks.
- Impact resistant.
- It can be applied on horizontal and vertical surfaces.
- It does not contain volatile organic matter. VOC value = 0
- Paintable

Application:

Surface Preparation : The application surface must be solid, dust-free and clean. The surface should be thoroughly purified from all kinds of residues such as cement grout, oil, grease, rust and paraffin that may weaken adherence and there should be no loose particles on the surface. The surface should be smooth. If there are any defects, they should be improved with repair mortars. If the surface is dry, it should be wetted before application and saturated with water.

Product Preparation: The liquid component is poured into a clean bucket, the powder component is added slowly and mixed with a low speed mixer (maximum 500 rpm) until a homogeneous and lump free mixture is obtained. In cases where the surface dries quickly or in hot weather applications, maximum 10% of the liquid component amount can be added to the mixture.

Application Method:
The application is made with a notched trowel or brush.
Application with a brush is made in 2 or 3 layers.
Brush application direction in each layer should be perpendicular to each other.
Waiting time between coats varies according to ambient conditions.
The thickness to be obtained should be 1 to 2 mm depending on the water pressure.
Material consumption up to 1 to 5 m water pressure is approximately 3 kg / m².
In case of application against reverse pressure, it is recommended to prime the surfaces with 1 meter to 4 parts diluted *CONCRETE PRIMER* material.

Technical Properties

Color	Gray
Density	1.8 kg / l (TS EN 1015-6)
Processing time	approx. 30 minutes after mixing
Application / surface temperature:	+ 8 ° C to 30 ° C
Flexural strength	80 kg / cm²
Compressive strength	250 kg / cm²
Adhesion strength	> 1 N / mm²
Elasticity modulus	(about 10 times more elastic than concrete)
Elongation at break	15%
Water impermeability	kg / m² consumption and 2 mm thick 20 m water pressure impermeable.

WP- HYBRID

Acrylic based curing material.

waterproofing

Product Description: Developed new generation insulation and floor covering. Due to its properties it is used alone instead of many insulation and floor coatings. Color formation, easy and practical workmanship, application on dry and slightly damp surfaces, UV and sunlight, human and vehicle traffic; Most importantly, it is very easy to use because of its quick and fast drying.

Using Areas:

- Terrace and roof insulation,
- Ornamental pools,
- Wet room, bathroom and balconies,
- Pond and cisterns,
- Old or problematic insulations on them (the membrane, shingles, tar, asphalt, etc.)

Features and Benefits:

- It does not require additional protective screed or concrete application.
- Quick drying.
- Non cracking, the product will not be removed from the surface.

Application Procedure:

Surface Preparation: Substrate must be clean, uniform, dry, free of dust, oil or grease and loose or weak particles. Surface defects and voids should be repaired with *MOMENTUM MORTAR.* Surfaces should be cleaned with water wait for the dry. Afterwards *HiTech WP- HYBRID* should be applied. Dusting surfaces should be pre-primed with *M-STAR ASTAR* adhesion promoter and *HiTech WP- HYBRID* should be applied after min 4 hours later.

Application:

HiTech WP-HYBRID consists of two components. The first component is colored, thick, liquid hybrid composed of acrylic polymer. The second component is powder hybrid composed of powder polymer, hydraulic cement and hardeners. Liquitv component (B component=7,5kg) Slowly add the powder hybrid (A component015 kg) and mix thoroughly by means of 400 cycles driller to a lump-free homogeneous consistency. Allow the mix to saturate for 2 minutes. Brush the mix onto the prepared surface with long hairy brush in one direction. Usually two coats are recommended. The second coat should be applied in the opposite direction of the first coat application.

NOTE:A chipper drill bit should be used to prevent lumps.

NOTE:During and after the application surfaces should be protected from rain, water, mechanical loads and impacts for 24 hours.

Application Tools: Brush.

Consumption: 1,8-2 kg / m² for two or three floors.

Packaging: Total net 22,5 kg combi plastic buckets (7,5 kg liquid upper part + 15 kg powder lower part).

Storage: In dry environment, it can be stored for 9 months in unopened original packages.

Technical Properties

Polymer modified additives, special cement and acrylic dispersion, 2 parts.

Water Transmission Rate (kg/ m². h)	≤ 0.1, CLASS W3
Permeability to water vapour (m)	5≤ sD ≤ 50, CLASS II
Adhesion strength by pull-off test	≥ 1,0 N/mm²
Adhesion strength	≥ 3,0 N/mm²
Density B Comp. (25°C, g/mL)	1.00 ± 0.10
pH B Comp. (25°C)	7.0 - 9.0
Pot life (23°C, 50% RH)	30 - 40 min. **High temperatures shorten time*
Service Temperature	(-30) - (+ 80) °C **Low temperatures reduce time*

WP-NB 2K

Two Component Cement Based Elastic Waterproofing Material.

Product Description: *HI-TECH WP-NB 2K* is a cementitious, two component crystallized waterproofing product. When applied on concrete surface on positive or negative sides the product provides waterproofing in depth by penetrating into concrete. The product provides high mechanical and chemical resistance on the applied surfaces. Chemical materials in its structure penetrate into concrete in depth by reacting with moisture and free lime present in the structure of concrete and form insoluble crystals inside capillary spaces and pores. It can be applied on new concrete surfaces. It decreases the duration of hydration and reduces shrinkage crack formation on applied surfaces. Protects concrete against corrosion and dilute chemicals. *HITECH WP-AS700* fast setting mortar can be used in conjunction with the *HITECH WP-NB 2K* system to plug active water leaks in concrete and masonry

Using Areas: Internal and external waterproofing of horizontal and vertical surfaces Water tanks, waste water and other reservoirs, On concrete surfaces exposed to see water Basement and foundation waterproofing Internal and external insulation of enceinte walls. Canals, Tunnels, Bridge decks.

Features and Benefits:

- Provides long term waterproofing properties, easy application.
- Protects concrete and reinforcement against corrosive water borne substances.
- Effective against both positive and negative water pressure.
- Non toxic.

Application:

Surface Preparation: Surface to be applied should be wetted before the application. Wetting of the surface should be performed at least two hours before starting to application and surface should be saturated with water. If surface is humid or wet this process is not necessary. Surface of application should be cleaned of materials such as dust, grease etc. Weak parts of concrete should be repaired with by repairing mortar. Dilatations should be filled with Fibermesh After surface preparation mixture should be prepared.

Preparation Of The Mixture & Application: 8kg of component B is poured into a suitable container.
While continuous mixing, *HITECH WP-NB 2K (20kg)* should be poured slowly and the mixing process should be continued for 5 minutes.
If possible, mixing should be done with a 400 cycle drill and mixer.
When the mixing process is completed, it becomes a paint like mortar that can be applied with a homogeneous brush.

Application Procedure: The application is applied in three layers with the help of a brush, waiting 4 hours between the layers (but more than 24 hours)should not exceed. The application should be applied in opposite directions on each floor. The surface should be completely covered when three layers are applied. The application should not be done in frost and extreme temperatures. It should be done in the evening or in the morning in cool places in summer. If frost occurs in cold regions, the floor or wall should be watered beforehand with hot water. If the applied surfaces will not be plastered from the back and will remain exposed, they should be moistened at 48 hour intervals. This process speeds up the curing process and provides more successful insulation.

NOTE: During and after the application surfaces should be protected from rain, water, mechanical loads and impacts for 24 hours.

Application Tools: Brush.

Consumption:

Against moisture (2 layers) 2.0 kg / m²

Against non pressurized water 3.0 kg / m² (2 layers)

Against pressurized water 4.0 kg / m² (2 - 3 layers)

Packaging: 20 kg kraft bag+8kg plastik bidon=28kg set

Storage : 24 months from date of production if stored properly in unopened and undamaged original sealed containers at temperatures between +5°C to +35°C at dry conditions. Protect from excessive temperature and frost.

Technical Properties

Composition	HI-TECH WP-NB 2K is composed of specially selected cements, polymers, silica sand and reactive fillers supplied in powder form.
Density (Mixture)	1,65 ± 0,05 kg/m³
Application Temperature	+5°C - + 35°C
Color	Gray
Texture	Powder + liqid
Particle Size	100-400 Microns
Resistance to water pressure from the positive side	13,8 bar
Resistance to water pressure from the negative side	13,8 bar
pH (When Mixed)	12-13
Pressure Resistance	10 N/mm2 (28 days)
Setting Time	Initial: Min 10 hours -Final: Max 16 hours

WP-NB 1K

Crystallized Waterproofing Mortar.

waterproofing

Product Description: It is a cementitious, one component crystallized waterproofing product. When applied on concrete surface on positive or negative sides the product provides waterproofing in depth by penetrating into concrete. The product provides high mechanical and chemical resistance on the applied surfaces. Chemical materials in its structure penetrate into concrete in depth by reacting with moisture and free lime present in the structure of concrete and form insoluble crystals inside capillary spaces and pores. It can be applied on new concrete surfaces. It decreases the duration of hydration and reduces shrinkage crack formation on applied surfaces. Protects concrete against corrosion and dilute chemicals. *HITECH WP-AS700* fast setting mortar can be used in conjunction with the *HITECH WP-NB 1K* system to plug active water leaks in concrete and masonry.

Using Areas:

- Internal and external waterproofing of horizontal and vertical surfaces.
- Water tanks, waste water and other reservoirs.
- On concrete surfaces exposed to see water.
- Basement and foundation waterproofing.
- Internal and external insulation of enceinte walls. Canals, Tunnels, Bridge decks.

Features and Benefits:

- Provides long term waterproofing properties, easy application.
- Protects concrete and reinforcement against corrosive water borne substances.
- Effective against both positive and negative water pressure.
- Non toxic.

Application:

Surface Preparation: Surface to be applied should be wetted before the application. Wetting of the surface should be performed at least two hours before starting to application and surface should be saturated with water. If surface is humid or wet this process is not necessary. Surface of application should be cleaned of materials such as dust, grease etc. Weak parts of concrete should be repaired with by repairing mortar. Dilatations should be filled with Fibermesh. After surface preparation mixture should be prepared.

Preparation Of The Mixture & Application:

7 lt of clean water is poured into a suitable container.
While continuous mixing, *HI-TECH WP-NB 1K (20kg)* should be poured slowly and the mixing process should be continued for 5 minutes.
If possible, mixing should be done with a 400-cycle drill and mixer.
When the mixing process is completed, it becomes a paint like mortar that can be applied with a homogeneous brush.

Application Procedure: The application is applied in three layers with the help of a brush, waiting 4 hours between the layers. The application should be applied in opposite directions on each floor. The surface should be completely covered when three layers are applied. The application should not be done in frost and extreme temperatures. It should be done in the evening or in the morning in cool places in summer. If frost occurs in cold regions, the floor or wall should be watered beforehand with hot water. If the applied surfaces will not be plastered from the back and will remain exposed, they should be moistened at intervals of 48 hours. This process speeds up the curing process and provides more successful insulation.
NOTE: During and after the application surfaces should be protected from rain, water, mechanical loads and impacts for 24 hours.

Application Tools: Brush.
Consumption: 2 – 3 kg/m2 (at 3 layers)
Packaging: 20 kg kraft bag.
Storage : 24 months from date of production if stored properly in unopened and undamaged original sealed containers at temperatures between +5°C to +35°C at dry conditions. Protect from excessive temperature and frost.

Technical Properties

Composition	*HI-TECH WP-NB 1K* is composed of specially selected cements, polymers, silica sand and reactive fillers supplied in powder form.
Density (Mixture)	1,8 ± 0,1 gr/ml
Application Temperature	+5°C - + 35°C:
Color	Gray
Texture	Powder
Particle Size	100-400 Microns
Relative Bulk Density	Approx 1.3
pH (When Mixed)	12-13
Pressure Resistance	10 N/mm² (28 days)
Setting Time	Initial: Min 10 hours -Final: Max 16 hours

WP-AS700

Water plug, rapid setting mortar to plug active water leaks.

waterproofing

Product Description: Cement based, rapid setting plug mortar for stopping the leakages. When mixed with clean water, provides a ready to use ultra rapid setting durable plugging mortar for active water leaks in concrete and masonry. The material expands as it cures to form a watertight seal with similar characteristics to concrete. It has no chloride or soda, it is not harmful for the equipment and the iron and gives an excellent adherence. *HI-TECH WP-AS700* is applied as a preparation before the insulation.

Using Areas: *HI-TECH WP-AS700* is used to stop active water or seepage under pressure through joints, cracks and holes in concrete or masonry, where a normal mortar would be washed away and resin mortars would not bond.

Application:

The powder form is applied. The rubber gloves should be used at the moment of application. Sufficient material is taken into the palm and pushed to the point where the water is leaking strictly. It is continued until the powder becomes hardened and the water stops. Due to the occurrence that water stopped, the residues are cleaned by a dry brush. Then *HI-TECH WP-CS750* are applied in three layers to ensure a constant insulation. If *HI-TECH WP-AS700* is to be applied to the surface as the plaster, it should be mixed with the clean water by ratio of 2:5 (%40) thus a paste is obtained. Such mixture gets high temperature because of the reaction and the mortar is sealed onto the hole where the water enters. It should be waited for a while for hardening. *HI-HTECK WP-CS750* is applied in 3 layers as the constant insulation to complete the process.

Consumption: 2 kg powder for 1 lt space.

Packaging: 5 kg bucket or 25(5x5) kg plastic bag.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

WP-ML LATEX

Acrylic based curing material

waterproofing

Product Description: It is a synthetic rubber based, liquid additive that improves the processability and water impermeability performance of materials such as cement based mortar, plaster and screed.

Using Areas:

- In all kinds of cement mortars,
- In plasters and screeds,
- Tiles, ceramic
- Repair mortars, cold joints,
- In places where concrete repairs are required,
- In pre-plastering applications,
- To be used as a primer before waterproofig insulation applications.

Application Information:

Surface Preparation: The application surfaces should be humid. The moisturizing process should be done until the surface is full. All surfaces must be clean and all impurities that affect the adhesion like dirt, oil, sludge, rust, etc. should be removed.

For Adherence: It is applied to the surface with 150-200 mL/m² brush without thinning. It is applied on the mortar or bonding process within 30-40 minutes at the latest immediately after application.

Consumption:

Usage in renders: WP-ML LATEX diluted water in the ratio of 1/4.

Using in repairing mortar: WP-ML LATEX diluted water in the ratio of 1/3.

Usage in adhesive slurries: To obtain a bonding slurry to be applied before screeds and plasters on existing cement surfaces add *WP-ML LATEX* diluted water in the ratio of 1/2 into 1/3 cement:sand mixture until gets creamy structure.

Usage in screeds: WP-ML LATEX / Water: It should be added from the liquid mixture prepared in 1/2 ratio until it reaches the consistency of boza. The prepared mixture should be applied to the floor with a brush with a thickness of 2 mm. Screed should be applied on this layer when it is wet. In the screed, *WP-ML LATEX* / Water should be added sufficiently from the mixture water prepared in 1/4 ratio.

Usage in Casting Concrete: Concrete ,M3 / 5kg (1 canister)

Packaging: 5kg-10kg-30kg plastic cans.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

NOTE: The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.Flammable material should not be used during application.

M-SEAL

Transparant waterproofing liquid.

waterproofing

Product Description: It is a siloxane based transparent insulation product which makes water impermeable without forming a film layer, without damaging view and texture on the absorbent surfaces on which it is applied. Because it does not form a film layer on the surface, it does not prevent, diminish or distort the breathing capacity of the building or stone. Does not make blackening and swelling. Alkali resistance is very high and can be applied easily in new or old concretes. It is used to prevent the efflorescence and staining due to the application of press bricks, natural, artificial stone or plasters. Because of inhibiting wetting, it prevents the heat insulation value of buildings from being lost. It protects the building from corrosion. Also extends the life of structures.

Using Areas: It is applied to all kinds of mineral based and absorbent surfaces. Gross concrete, plaster, brick, briquette, travertine, natural stone, mosaic, gas concrete; tile etc. It is not applicable on non absorbent surfaces such as marble, granite, glass, metal, plastic and horizontal absorbent surfaces. It is used to protect the exterior walls of unpainted and absorbent surfaces from rain and its effects.

Product Features:

- Operation is ready.
- Solvent free.
- Resistant to UV rays and weather conditions.
- It is not affected by aging.
- Easy and fast application.
- Breathes.
- Can be painted

Application:

Surface Preparation : Application surfaces must be dry, solid and all kinds of dirt, oil, dust must be cleaned. It should not be applied on wet surfaces. The surface must be dry. The layers that reduce the absorbency of the surface should be cleaned. There should not be cracks larger than 1 mm on the application surface and should be repaired if there is any.

Application Method: The application should be done at least two layers top-down above via brush or spraying. The second layer should be applied before the first layer dry completely. No flammable materials should be used during application. Eye and skin contact should be avoided; gloves and goggles should be used.

Application requirement: The first layer application should be applied to the second layer as a wet surface before drying completely.

Application Tools: Ruller,bruch.

Consumption: 0,150-0,200kg / m²

Packaging: 1-2 and 3 kg plastic cans.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

NOTE: The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.Flammable material should not be used during application.

WP-PT 9200 UV

High Elasticity Polyurethane Based UV Resistant Waterproofing Material.

Product Description: *HI-TECH WP-PT9200 UV* is a one component, low viscosity, polyurethane fluid water proofing material which cures with the humidity in the atmosphere.

Using Areas: *HI-TECH WP-PT9200 UV* can be used to waterproof;

- Rooftops and car parks.
- Verandas and balconies.
- Bathrooms.
- Light roofing made of metal or fibrous cement.
- Asphalt membranes.
- EPDM membranes.
- Bridge platforms.

Properties and Advantages:

The product produces an elastic strong film with excellent adhesion to different surfaces. Apply with brush, roller or airless spray in two coats with minimum total consumption of 1,5-1,8 kg/m² . The product is based on pure elastomeric hydrophobic polyurethane resin plus special inorganic fillers, which result in excellent mechanical, chemical, thermal and natural element resistance properties. UV resistant.

Surface Preparation: Clean the surface using jet water, if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, curing membranes must be removed. Fill surface irregularities with the necessary product. Concrete substrates must have minumum standards as follows: Concrete substrate conditions (standard):

Hardness: R28 = 15 Mpa
Humidity: W < 10%
Temperature: 5°C -35°C
Relative humidity: < 85%

Product Preparation: Stir briefly before the application by using a 300 rpm drill.

Material Application/ Consumption: Apply the material with roller or brush in two coats with a total consumption of 1,5-1,8 kg/m². Do not leave more than 48 hours between coats.

Package: 20kg, 25 kg metal bucket.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Technical Properties

Chemical base	polyurethane based resin
Density	1,30-1,40 g/cm³
Viscosity	3500-4500 at 20°C
Shore-A Hardness	70 (DIN 53505)
Elongation at break	min. 400% at 23°C
Resistance to temperature	-30°C to +60°C
Tensile strength at break	>4 N/mm² at 23°C (ASTM D412 / DIN 52455)
Weathering test	2000 hours (ASTM G53)

WP - MS 9400UV

High Elasticity Termoplastic Resin Based UV Resistant Waterproofing Material.

waterproofing

Product Description: It is a single component, high penetration property, transparent wet appearance, termoplastic resin , concrete protection system product providing dust free surface and high mechanical strength.

Using Areas:

- On concrete surfaces with capillary shrinkage cracks.
- Production areas of factories.
- Outside concrete.
- Indoor and outdoor parking areas.
- Concrete surface is created in all areas.
- To protect all cement based surface coatings and increase their service life.

Properties and Advantages:

- Ready to use, easy to apply.
- High penetration ability.
- Resistant to bad weather and harmful UV rays of the sun.
- Protects against alkaline and acidic stain forming products.
- Since it forms a hard and durable surface prevents their wear.
- It creates a decorative and aesthetic appearance on the surfaces.
- Applies slightly wet appearance on the surface.
- Prevents dirt on concrete surfaces and creates bright surfaces that can be easily cleaned.
- It does not have any side effects that will disturb the physical properties of the surfaces it is applied.
- It is a protective product which is not affected by heavy or light load traffic on the applied surfaces, transportation vehicles such as forklift, pallet truck.

Surface Preparation:

Clean the surface using jet water, if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, curing membranes must be removed. Fill surface irregularities with the necessary product. Concrete substrates must have minumum standards as follows. Concrete substrate conditions (standard):

Hardness: R28 = 15 Mpa
Humidity: W < 10%
Temperature: 5°C -35°C
Relative humidity: < 85%

Product Preparation: Stir briefly before the application by using a 300 rpm drill.

Material Application/ Consumption: Spraying method is applied by brush or roller in 2 layers with a total consumption of 0,100-0,200 kg / m². Do not wait more than 24 hours between coats (2 coats can be applied after 2 hours).

Package: 5kg-15 kg metal pail .

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

WP-PP 650

Polyurethane based, two components pool paint.

Product Description: *HI-TECH WP-PP650* is the swimming pool paint based on polyurethane resin, consisting of two components, blue in color. It is not affected by the water and the water pressure. *HI-TECH-WP-PP650* is very ideal to use in swimming pools and decorative pools particularly in the cases where the ceramic covering is unable to apply. It gives a homogeneous blue appearance on the surface. It is elastic thus shows no crack, it is not affected by the UV lights and the swimming pool chemicals, the product has high resistance against alkali and chloride. It shows no color pale, no effect under water, no abrasion. The workmanship is very easy and economic.

Using Areas:

- Concrete, plaster and alum.
- Swimming pools, water tanks, water storages .
- Metal tanks and water barrels .
- Decorative pools, small lakes, barrages, water canals .
- Purification sites and balance warehouses.

Application:

Surface Preparation : All surfaces must be free of dirt, chalk, oil, loose paint or foreign material that may prevent adhesion. Pools that are already painted don't need any special preparation. Repairs on the application surface should be done by Repair Mortar. *MOMENTUM PRIMER(T-POX2000)*, Solventfree epoxy based concrete primer with a consumption of 0,150 – 0,200 kg/m2 is recommended as a primer on concrete, plaster or gunite surfaces before the *HI-TECH WP- PP650* application.

Mixing: To prepare *HI-TECH WP- PP650* for use, first stir the contents of the A Component (Paint) and then add the contents of the B Component (Hardener) and mix homogeneously for 4 minutes to ensure thorough mixing.

Application: It should be applied with a brush, roller or a suitable sprayer and left to dry. The second layer should be done within 24 hours after the first layer has dried. The prepared mixture should be consumed within 25-30 minutes.

NOTE: Do not apply when surface temperature is less than 10°C above dew point.
Minimum substrate temperature +10°C.
Maximum substrate temperature +35°C.
Maximum relative humidity 80%

NOTE: During and after the application surfaces should be protected from rain, water, mechanical loads and impacts for 24 hours.

Pool Filling: After application, the pool should be left to cure for 10 days before it is filled with water.

Consumption:

First layer min. : 0,150-0,200 kg/m²
Second layer min. : 0,150-0,200kg/m²
Total min. consumption: 0,300- 0,400 kg/m²

Package: 12kg Set (9kg A component , 3 kg component).
Color: Blue , Off White.
Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Technical Properties

Coating Type	Two Component Solvent Free Polyurethane
Density ASTM D 1475/EN ISO 2811-1 (+20°C)	1,30-1,40 gr/cm³
Viscosity ASTM D 2196-86/EN ISO 3219 (+25°C)	9000-10000 cp (A+B)
Mixing Ratio	5/1 (By weight)
Gloss	Semi Gloss
Application Temperature	+5 °C to +30 °C
Thinner	Thinning is not recommended
Solid	%100
Hardness ASTM D2240,DIN 53505,EN ISO 868	50 (Shore A)
Elongation Percentage (+23°C) (ASTM D 412)	≥ %100
Pot Life (+25°C)	30-35 Minutes
Tensile Force at Break (+23°C) (ASTM D 412)	≥ 2 N/mm²
Adherence on Concrete (+23°C) (TSE EN 1542)	≥ 2 N/mm²
Method of application	Roller, Brush
Drying Time +25 °C , %55 RH *Potlife and drying time depend on temperature and quantities mixed*	Touch Dry: 6 Hrs Recoating: 8-24 Hrs Fully Cured: 7 days

WP - BM 500 2K

Two Component, Bitum Rubber Based, High Elastic Sliding Waterproofing.

waterproofing

Product Description: *HI-TECH WP-BM500-2K* is two component, polymer reinforced, bitumen based, elastic waterproofing material.

Scope of Application: On all concrete surfaces, it is applied horizontally and vertically on the ground structures where the insulation should be covered.

- Basic.
- Basement curtains.
- Terraces.
- Parking on.

It is a safe insulation material for flower waterproofing. It is secure in critical detail solutions as it is implemented without additional places.

Features and Benefits:

- Two component use is ready.
- It has high elasticity.
- It forms an integral and continuous water insulation layer.
- Strongly adheres to the surface where it is applied, forming a resilient, elastic layer against water and moisture.
- Clog the capillary cracks.
- Solvent free.

Because it does not contain repellent and poisonous substances, it can be used safely in closed places.
It also provides a good adhesion to friendly surfaces.
It can be easily applied with a bristle brush or a ruler.

Application:

Surface Preparation : The surface must be protected from the surface and must be smooth, free from cracks on theThe surface must be protected from the surface and must be smooth, free from cracks on the surface and foreign materials to damage. 5 mm deep cracks must be repaired with repair mortars. Bricks and so on. The surface should be leveled by correcting the joints on the wall surfaces that are woven with the materials. inner and outer corners should be softened by chamfering.

Application Method: In order to provide good adhesion on the surface, moisture insulation material is first applieIn order to provide good adhesion on the surface, moisture insulation material is first applied with brush as a layer. After complete priming and hardening of the prepared primer coating, *HITECH WP-BT500 2K* is applied on 2-3 layers with a bitumen brush or roller with a consumption of 1 kg / m2 per coat. One coat should not be dried out, the other coat should not be applied. Terraces should be avoided from exposure to extremes of temperature. Terrace and balconies should be covered with protective concrete and / or 0,4 mm thick plastic foil after horizontal application. It can be used with 75gr / m² alkali resistant net if necessary.

Water Channels And So On Buildings : The application is made with a notched trowel or brush. Appropriate protective measures are neAppropriate protective measures are necessary to protect the coated surfaces from effective sunlight and mechanical effects. Application of protective layers; ASO Systemvlies-02 (protective layer for bituminous products) and drainage plate. It is also possible to use XPS plates as a protective layer. The protective layers should be applied to the sealant in such a way as not to make a point or linear pressure. Wavy protective plates or on-grid plates are not suitable. Drain must be constructed in accordance with DIN 4095.

Important Explanations: Do not work when the ground temperature falls below + 5°C. Do not apply when it is raining or when environmental conditions affect the application. The surfaces not to be applied should be protected by *HITECH WP-BT500-2K.* Negative water pressure can not be absorbed with bituminous insulation material. HITECH WP-NB 2K should be applied to this area for security purposes when such a situation is expected. The grout sealant on the curtains must be passed with *HITECH WP-2K 100* or *HITECH WP-UE* according to the technical rules. Pipe entrances, base and lap joint applications should be carefully secured. The minimum thickness recommended in any area of the surface must not be exceeded! The recommended wet film thickness should never exceed 100% anywhere. The application layer should be applied up to 10 cm below the floor layer. The building must be carefully filled in accordance with the conditions of the excavation.

Consumption: Recommended dry film thickness;
Pressurized water: 7.0 kg / m² (4mm dry film)
Pressurized water: 5.3 kg / m² (3mm dry film)
Ground humidity,rainwater curtain concretes: 5.3 kg / m² (3mm dry film)

Note: 1 mm. Average consumption for dry thickness 1.8
kg / m²

Packaging: 30 kg pl. bucket (22 kg bitumen + 8 kg powder)

Storage: At least + 5°C in closed containers for 12 months, open pails should be consumed as soon as possible.

Technical Properties

Basis	Bitumen rubber based, 2-component waterproofing plaster reinforced with elastic cushions
Application and Surface Temperature	+ 5°C to + 30°C
Application Time	3-4 hours on average, depending on temperature and humidity
Crack Bridging	More than 2 mm DIN 28052-6
Water impermeability	Waterproof to 1 mm clearance to DIN 52123
Elasticity	> 600-900%

WP - BM 500

Single Component, Bitum Rubber Based, High Elastic Sliding Waterproofing.

waterproofing

Consumption: 3 kg / m² for (2-3 floor)
Packaging: 18 kg. pail.
Storage: At least + 5°C in closed containers for 12 months, open pails should be consumed as soon as possible.
Health And Safety Recommendations:
If the environment and surface temperature is below For detailed information, see the MSDS document.
LEGAL NOTES: All data stated in this technical data sheet are based on laboratory tests and our practical knowledge. *MOMENTUM KİMYA* is only responsible for the quality of the product.
MOMENTUM KİMYA cannot be held responsible for any negative consequences that may occur due to misuse other than written recommendations regarding where, under what conditions and how the product will be used.

Product Description: *HI-TECH WP-BM500* is a single component, water based, bitumen based, elastic waterproofing material.
Scope of Application: On all concrete surfaces, it is applied horizontally and vertically on the ground structures where the insulation should be covered.
• Basic.
• Basement curtains.
• Terraces.
• Parking on.
It is a safe insulation material for flower waterproofing. It is secure in critical detail solutions as it is implemented without additional places.
Features and Benefits:
• Single component use is ready.
• It has high elasticity.
• It forms an integral and continuous water insulation layer.
• Strongly adheres to the surface where it is applied, forming a resilient, elastic layer against water and moisture.
• Clog the capillary cracks.
• Solvent free.
Because it does not contain repellent and poisonous substances, it can be used safely in closed places.
It also provides a good adhesion to friendly surfaces.
It can be easily applied with a bristle brush or a ruler.
Application:
Surface Preparation : The surface must be protected from the surface and must be smooth, free from cracks on the surface and foreign materials to damage. 5 mm deep cracks must be repaired with repair mortars. Bricks and so on. The surface should be leveled by correcting the joints on the wall surfaces that are woven with the materials. inner and outer corners should be softened by chamfering.
Application Method: In order to provide good adhesion on the surface, moisture insulation material is first applied with brush as a layer. After complete priming and hardening of the prepared primer coating, *HI-TECH WP-BT500* is applied on 2-3 layers with a bitumen brush or roller with a consumption of 1 kg / m2 per coat. One coat should not be dried out, the other coat should not be applied. Terraces should be avoided from exposure to extremes of temperature. Terrace and balconies should be covered with protective concrete and / or 0,4 mm thick plastic foil after horizontal application. It can be used with 75gr / m2 alkali resistant net if necessary.
Water Channels And So On Buildings : The application is made with a notched trowel or brush. Appropriate protective measures are necessary to protect the coated surfaces from effective sunlight and mechanical effects. Application of protective layers; ASO Systemvlies-02 (protective layer for bituminous products) and drainage plate. It is also possible to use XPS plates as a protective layer. The protective layers should be applied to the sealant in such a way as not to make a point or linear pressure. Wavy protective plates or on-grid plates are not suitable. Drain must be constructed in accordance with DIN 4095.
Important Explanations: Do not work when the ground temperature falls below + 5°C. Do not apply when it is raining or when environmental conditions affect the application. The surfaces not to be applied should be protected by *HI-TECH WP-BT500*. Negative water pressure can not be absorbed with bituminous insulation material. *HI-TECH WP-BN 2K* should be applied to this area for security purposes when such a situation is expected.he grout sealant on the curtains must be passed with *HI-TECH WP-2K* 100 or *HI-TECH WP-UE* according to the technical rules. Pipe entrances, base and lap joint applications should be carefully secured. The minimum thickness recommended in any area of the surface must not be exceeded! The recommended wet film thickness should never exceed 100% anywhere. The application layer should be applied up to 10 cm below the floor layer. The building must be carefully filled in accordance with the conditions of the excavation.

Technical Properties

Basis	Bitumen rubber based, 1 component waterproofing plaster reinforced with elastic cushions.
Application and Surface Temperature	+ 5°C to + 30°C
Application Time	3-4 hours on average, depending on temperature and humidity.
Crack Bridging	More than 2 mm DIN 28052-6
Water impermeability	Waterproof to 1 mm clearance to DIN 52123
Elasticity	> 400%

EPOXY AND POLYURETHANE

T-POL 3400

Two component, solvent free, polyurethane based coating and waterproofing material.

Product Description: *T-POL 3400*, is a low viscosity, solvent-free, two components, liquid, multi-purpose polyurethane based coating and waterproofing material.

Fields and Application:
- Interior and exterior spaces.
- On concrete and cement based mineral surfaces.
- Manufacturing, warehousing and storage.
- Concrete warehouses.
- Water tanks.
- Surfaces in direct contact with drinking water.

Advantages:
- Low viscosity.
- Ultrahigh bond strength.
- Solvent free.
- Excellent penetration and adhesion ability.
- Easy application.
- Covers static cracks.
- Creates jointless and a seamless surface with its monolithic application.
- Provides smooth and decorative surface.

Apparance: Mix (Part A +Part B): grey,blue,off white

Packaging:
Part A: 16 kg. net / Part B:4 kg. net
Total: Part A+B: 20 kg. net / Part A+B: 22,55 kg. gross

Storage : Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life : Minimum 12 months for part A and 9 months for part B from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature.

Application Conditions: During the application, ambient temperature should be between +10°C and +30°C. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +8°C and +30°C. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8°C must be at least +3°C above the current dew point temperature. Before applying *T-POL 3400*, the substrates should be primed with appropriate Momentum primer (according to the ground) materials.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product.
Mixed *T-POL 3400* is applied to the surface with roller half. It should be ensured that a non-porous layer is formed completely covering the surface.
For exact color matching, ensure the *T-POL 3400* in each area is applied from the same control batch numbers. If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO_2 and H_2O water vapor, which may adversely affect the finish. For heating use only electric powered warm air blower system.
Mixed product should be applied in max. 30 minutes in about +20°C. Waiting time between coats should be minimum 10 hours in +20°C and maximum 48 hours. If waited more than 48 hours, the surface should be sanded. The product would be completely cured in minimum 7 days to reach its maximum mechanical and chemical resistance.

Cleaning of Tools: Clean all tools and application equipment with thinner immediately after use. Hardened/cured material can only be mechanically removed.

Chemical Structure: Part A: Polyurethane Resin Part B: Polyurethane Hardener.

Consumption:
1,200-1,400kg /m² for 2 layer for floor
1,000-1,200kg /m² for 3 layer for Wall
** Coverage increases as the viscosity gets higher at lower temperature.*

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1,50-1,60kg/liter (± %3)
Viscosity	Mixed Resin: 2.500 – 3.000 mPa.s
Shore A Hardness	7 days: 80-90 (ASTM D2240-05)
Bond Strength	7 days : > 2,5 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : 30 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	30 – 50 minutes
Total Curing Time	7 days
Aplication Format	Roller,brush
Consumption	1,200-1,400kg /m² for 2 layer for floor
Powder Dryness	1,000-1,200kg /m² for 3 layer for wall
Touch Dryness	1-2 hour / 23°C
Full Dryness	5-7 hour / 23°C 7 days / 23°C

T-POL 3500

Two component, solvent free, polyurethane based self leveling coating and waterproofing material.

Product Description: *T-POL 3500*, is a low viscosity, solvent-free, two components, self-leveling, multi purpose polyurethane based coating and waterproofing material.

Fields and Application:
- Interior and exterior spaces.
- On concrete and cement based mineral surfaces.
- Manufacturing, warehousing and storage.
- Airplane hangars, parking garages, tunnels and canals.
- Supermarkets, shopping centers, restaurants.
- Roof, terrace, ponds and underground water storage applications.

Advantages:
- Low viscosity.
- Ultrahigh bond strength.
- Solvent free.
- Excellent penetration and adhesion ability.
- Easy application.
- Covers static cracks.
- Creates jointless and a seamless surface with its monolithic application.
- Provides smooth and decorative surface.
- Liquid proof.
- Resistant to mechanical loads, abrasion and chemicals.

Apparance: Mix (Part A +Part B): Ral Colors
**Differences in color may occur under the influence of direct sunlight. This does not affect the physical and chemical resistance of the coatings.*

Packaging:
Part A: 16 kg. net – Part B:4 kg. net
Total: Part A+B: 20 kg. net – Part A+B: 22,55 kg. gross
Storage : Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months for part A and 9 months for part B from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature.

Application Conditions: During the application, ambient temperature should be between +10°C and +30°C. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10°C and +30°C. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8°C must be at least +3°C above the current dew point temperature.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product. After the mixing procedure, *T-POL 3500* is poured, spread evenly by means of a serrated trowel. After spreading the material evenly, turn the serrated trowel and smooth the surface in order to achieve an aesthetically higher grade of finish. Roll immediately in two directions with a spiked roller to ensure even thickness. Make sure that a continuous, pore free coat covers the substrate. For exact color matching, ensure the *T-POL 3500* in each area is applied from the same control batch numbers. If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO_2 and H_2O water vapor, which may adversely affect the finish. For heating use only electric powered warm air blower system.

Cleaning of Tools: Clean all tools and application equipment with thinner immediately after use. Hardened/cured material can only be mechanically removed.

Chemical Structure: Part A: Polyurethane Resin Part B: Polyurethane Hardener.

Consumption:
1,200-1,400kg /m² for 2 layer for floor
1,000-1,200kg /m² for 3 layer for Wall
** Coverage increases as the viscosity gets higher at lower temperature.*

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Number of Components	2
Density	1,30-1,40 gr/c/m³ 20 ° TS EN ISO 2811-1
Shore D	80-90 ASTM D 2240, DIN 53505
Solid Matter%	100 by weight
Mixture	100 by volume
Application Thinner	Does not thin
Mixing Ratio	100: 25 by weight
Mixture Life	30-40 Minutes / 23 ° C, 200 g. (DIN 16945)
Application Method	Trowel, rakel
Application Area	1.2-1.4 kg for 1 mm thickness consumption is required.
Powder Drying Time	1-2 hours / 23 ° C TS 4317
Touch Dry	5-7 hours / 23 ° C TS 4317
Complete Drying	7 Days / 23 ° C TS 4317

T-POL 3600

Two component, solvent free, polyurethane based coating and waterproofing material.

Product Description: *T-POL 3600*, is a two component solvent base, low viscosity, self leveling, aliphatic polyurethane based, UV resistant, and painting and top coating featuring glossy surface appearance.

Fields and Application:
- On concrete and cement based mineral surfaces.
- Interior and exterior spaces.
- To obtain gloss finish coat, in smooth or sand broadcast surface applications.
- A high level of hygiene required fields such as hospitals, laboratories and clean rooms.
- Kindergartens and in nursing homes.
- For outdoor and indoor swimming pools.

Advantages:
- High bond strength on moist surfaces.
- Low viscosity.
- Because of low VOC content, it is an environmentally friendly product.
- It has excellent penetration properties.
- It has a hard elastic structure.
- Easy application, maintenance and cleaning.
- High UV resistance.
- Glossy appearance.
- Hygienic and anti bacterial.
- Resistant to mechanical loads, abrasion and chemicals.

Apparance: Mix (Part A +Part B): grey,blue,off white

Packaging:
Part A: 15 kg. net / Part B:5 kg. net
Total: Part A+B: 20 kg. net / Part A+B: 22,55 kg. gross

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shelf Life: Minimum 12 months for part A and 9 months for part B from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature.

Application Conditions: During the application, ambient temperature should be between +10°C and +30°C. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10°C and +30°C. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8°C and must be at least +3 °C above the current dew point temperature.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product. After the mixing procedure, *T-POL3600* can be applied to a surface, which is already primed with appropriated momentum primer, with roller brush. Make sure that a continuous, pore free coat covers the substrate. For exact color matching, ensure the *T-POL 3600* in each area is applied from the same control batch numbers. If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO_2 and H_2O water vapor, which may adversely affect the finish. For heating use only electric powered warm air blower system.

Mixing: Make sure that the product temperatures are between +10°C and +30°C before starting the mixing procedure. Prior to mixing, stir part A and B separately with a mechanical drill and paddle at a very low speed. Add component B gradually into component A and mix till you reach a homogeneous consistency (Approximately 3 minutes). Pour the contents into a clean container and mix for another couple minutes. Please avoid mixing on high speed and do not add any solvent, etc. into the mixture during the application procedure.

Cleaning of Tools: Clean all tools and application equipment with thinner immediately after use. Hardened/cured material can only be mechanically removed.

Chemical Structure: Part A: Polyurethane Resin Part B: Polyurethane Hardener.

Coverage: *T-POL 3600* A + B mixture consumption is approximately 0,300/m² (two layer) **Coverage increases as the viscosity gets higher.*

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1,20-1,30 kg/liter
Shore D Hardness	7 days: 70 – 80 (ASTM D2240-05)
Abrasion Strength	7 days : <50mg (± %3) (CS 10/1000/1000) (ASTM D4060 – 14)
Duration of Use After Mixing	5-6 hour
Consumption	0,300 kg/m2 for two layer(0,150kg+0,150kg)
Powder Dryness	1-2 hour / 23°C
Touch Dryness	1,5-2 hour / 23°C
Total Curing Time	7 days
Aplication Format	Roll,Brush

T-POL 5500

Two component, solvent free, polyurethane based self leveling coating and waterproofing material.

Product Description: *T-POL 5500* is a polyurethane based, two component, low viscosity, solvent free, polymer reinforced, specially formulated binder resin for pebble granule aggregate stones.

Advantages:

- 3 times faster application than alternative surface materials.
- Suitable for underfloor heating floors.
- Possibility to create infinite colors, patterns, curves and emblems.
- Allows you to create a stable surface.
- Long lasting smooth surface.
- Natural looking and landscape compatible.
- Does not hold water on the surface, instantly transmits water to the substrate.
- Not affected by hot and cold, no moss.
- UV resistant (Yellowing and no color change).
- Eliminates the risk of accumulation of water and gravel.
- Quick and easy installation.
- Maximum carrying power.
- Low maintenance cost.

Apparance: Part (Polyurethane Resin): Liquid – Transparant.

Method of Application:

Surface preparation; The surface should be cleaned using pressurized water, if possible; oil, grease, fuel and paraffin wastes must be removed,it should also completely purge the mold release agents, cement residues and chips. Surface disorders and cracks should be filled with appropriate products and repaired.

Primer : As a primer (porous and nonporous) regardless of surface condition *(T-POX2000 PRIMER)* should be used.

Binder Resin Application : Pebble granules which are the first stage of application of the primer layer after drying, maximum 4% polymer based, one-component stone bonding polymer resin for about 10 minutes.mix with a mixer or mixer mixer.If 4% resin surplus is used, the gaps between the pebble granules are it loses its permeable property and does not transmit water to the substrate.

Application of floor covering construction :

For pedestrian paths: To obtain 10 mm thickness from stone granules of 2-4 mm or 4-7 mm thickness a maximum of 0.600 Kg of polymer based stone binder with an average of 15 kg of pebble stone per square meter resin should be used.

For vehicle roads: To obtain 15 mm thickness from stone granules of 2-4 mm or 4-7 mm thickness maximum of 0,900 Kg of polymer based stone binder with 22 kg of pebble stone per square meter resin should be used. (Stone granule sizes can be used in desired dimensions) Vibrate machine or trowel with asphalt poured by compressing the mixture is laid on the floor.

Consumption: 100 Kg pebbles + 5-6 Kg (maximum) *T-POL 5500* STONART UV RESIN 2K

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5ºC and +30ºC. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Fields and Application:

- Car Parking areas / Walkways
- Park Bicycle paths / Public parks
- Office buildings / Landscape plans
- Schools / Tree pits
- Garden design / Swimming pool area
- Al Disabled access ramps
- Roof terraces and balconies
- And can be easily used in similar areas

Packaging:

Part A: 15 kg. net – Part B:15 kg. net

Total: Part A+B: 30 kg. net – Part A+B: 32,55 kg. gross

Technical Properties

All technical values were calculated based on +23ºC and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	1.20-1,30 kg/liter (± %3)
Appearance	Transparent crystallized
Shore D Hardness	7 days: 80-90 (ASTM D2240-05)
Compressive Strength	28 days: > 105 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 40 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days: 40 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Componenet Consumption	1/15-6kg +100kg agregate
Duration of Use After Mixing	40-60 minutes
Total Curing time	7 days
Hydrolysis (Potassium Hydroxide 10%, 10 days at 60 ° C)	no negativity
Hydrolysis (Sodium Hypochlorite 8%, 10 days)	no negativity
Mechanical or vegetable oils	no negativity
Alcohol, thinner, vehicle fuels	no negativity
Salt water, ice, boiling water	no negativity

T-POL 9250 TX

Two component, solvent free, orange peel textured polyurethane based coating and waterproofing.

Product Description: *T-POX 9250 TX* , is a low viscosity, solvent-free, two components, orange peel textured, polyurethane based coating and waterproofing material.

Fields and Application:
- Interior and exterior spaces.
- On concrete and cement based mineral surfaces.
- Manufacturing, warehousing and storage.
- Airplane hangars, parking garages, tunnels and canals.
- Supermarkets, shopping centers, restaurants.
- Roof, terrace, ponds and underground water storage applications.

Advantages:
- Low viscosity.
- Ultrahigh bond strength.
- Solvent free.
- Excellent penetration and adhesion ability.
- Easy application.
- Covers static cracks.
- Creates jointless and a seamless surface with its monolithic application.
- Provides smooth and decorative surface.
- Liquid proof.
- Resistant to mechanical loads, abrasion and chemicals.

Apparance: Mix (Part A +Part B): Ral Colors
**Differences in color may occur under the influence of direct sunlight. This does not affect the physical and chemical resistance of the coatings.*

Packaging:
Part A: 18 kg. net – Part B: 2 kg. net
Total: Part A+B: 20 kg. net – Part A+B: 22,55 kg. gross

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5ºC and +30ºC. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months for part A and 9 months for part B from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8ºC and the temperature of the substrate must be at least +3ºC above the current dew point temperature. The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Oil contaminated substrates must first be pre cleaned with an emulsifying cleaning detergent in accordance with the supplier's instructions. Finally, the concrete or cement screed surface is cleaned using high pressure water jetting. Excess water is removed from the surface by wet and dry vacuum cleaner.

Application Conditions: During the application, ambient temperature should be between +10ºC and +30ºC. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10ºC and +30ºC. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8ºC must be at least +3ºC above the current dew point temperature.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10ºC or above +30ºC. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product. After the mixing procedure, *T-POL 9250 TX* is poured, spread evenly by means of a serrated trowel. After spreading the material evenly, turn the serrated trowel and smooth the surface in order to achieve an aesthetically higher grade of finish. Roll immediately in two directions with a spiked roller to ensure even thickness. Make sure that a continuous, pore free coat covers the substrate.

Mixing: Make sure that the product temperatures are between +15ºC and +25ºC before starting the mixing procedure. Prior to mixing, stir part A and B separately with a mechanical drill and paddle at a very low speed. Add component B gradually into component A and mix till you reach a homogeneous consistency (Approximately 3 minutes). If necessary, after mixing part A and B, aggregate is added to the mixture as needed and stirred again until a homogeneous mixture is obtained.

Cleaning of Tools: Clean all tools and application equipment with thinner immediately after use. Hardened/cured material can only be mechanically removed.

Chemical Structure: Part A: Polyurethane Resin Part B: Polyurethane Hardener.

Coverage: Consumption:0,500-0,700kg/m² ** Coverage increases as the viscosity gets higher at lower temperature.*

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1,45-1,55 kg/liter (± %3)
Shore A Hardness	7 days: 75 – 85 (ASTM D2240-05)
Bond Strength	7 days : > 2,5 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : 46 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	30-40 minutes
Total Curing Time	7 days
Aplication Format	Trowel, Roll
Consumption	0,500-0,700kg /m²
Powder Dryness	2-3 hour / 23°C
Touch Dryness	5-7 hour / 23°C
Time Between Floors	12 hour
Full Dryness	7 days / 23°C

T-POX 2000

Two component, solvent free, epoxy resin based primer.

Product Description: *T-POX 2000* , is a low viscosity, solvent free two-part epoxy resin based primer.

Fields and Application:
- Internal and external substrates.
- On concrete and cement based mineral surfaces.
- Normal to strongly absorbent surfaces.
- Primer for all Momentum Epoxy and polyurethane surfaces.
- Binder for epoxy based levelling mortars and mortar screeds.
- With aggregate, it can be used as cast and repair mortar on the surfaces that require repair.

Advantages:
- Low viscosity.
- Ultrahigh bond strength.
- Solvent free.
- Strengthens the structure by penetrating into capillary spaces in concrete surfaces.
- Easy application.

Appearance:
Part A (Epoxy Resin): Liquid – Transparent
Part B (Epoxy Hardener): Liquid – Pale Yellow

Packaging :
Part A: 13.6 kg. net – Part B: 6.4 kg. net
Total: Part A+B: 20 kg. net – Part A+B: 22.55 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature.

Application Conditions: During the application, ambient temperature should be between +10°C and +30°C. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10°C and +30°C. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8°C and must be at least +3°C above the current dew point temperature.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product.

Mixing: Make sure that the product temperatures are between +10°C and +30°C before starting the mixing procedure. Prior to mixing, stir part A and B separately with a mechanical drill and paddle at a very low speed. Add component B gradually into component A and mix till you reach a homogeneous consistency (Approximately 3 minutes).

Cleaning of Tools: Clean all tools and application equipment with thinner immediately after use. Hardened/cured material can only be mechanically removed.

Coverage

Purpose of Use	Product	Consumption
Primer	T-POX 2000	0.100-0.150 kg/m²
Base Coat-Thin (Surface roughness up to 1 mm)	1 unit T-POX 2000+0.50 unit aggregate (100-300 micron thick)	1.40 kg/m²/mm
Base Coat-Medium Thickness (Surface roughness 1-2 mm)	1 unit T-POX 2000+1 unit aggregate (100-300 micron thick)	1.60 kg/m²/mm
Bonding Bridge	T-POX 2000	0.30-0.50 kg/m²
Mortar Coating / Repair Mortar	1 unit T-POX 2000+10 unit aggregate	2.00kg/m²/mm

** Coverage increases as the viscosity gets higher at lower temperature.*

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.00-1.10 kg/liter
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Compressive Strength	28 days: > 105 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 30 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : <20 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	40-60 minutes
Total Curing Time	7 days
Aplication Format	Roll,Brush,Trowel

T-POX 2200

Two component, solvent free, moisture tolerant, epoxy resin based primer, epoxy primer.

Product Description: *T-POX 2200*, is a low viscosity, moisture tolerant, solvent free, two component epoxy resin based primer with high adhesion capability to moist concrete and mineral substrates.

Fields and Application:
- Internal and external substrates.
- On concrete and cement based mineral surfaces.
- Especially, on surfaces that have absorbed moisture and oil.
- Primer for all Tardigrade Epoxy and polyurethane surfaces.
- Binder for epoxy based levelling mortars and mortar screeds.
- With aggregate, it can be used as cast and repair mortar on the surfaces that require repair.

Advantages:
- Low viscosity.
- High bond strength on moist surfaces.
- Solvent free.
- Excellent penetration and adhesion ability.
- Both for internal and external use.
- High chemical resistance.

Apparance:
Part A (Epoxy Resin): Liquid – Transparent
Part B (Epoxy Hardener): Liquid – Pale Yellow

Packaging:
Part A: 13 kg. net – Part B: 7 kg. net
Total: Part A+B: 20 kg. net – Part A+B: 22,55 kg. brüt
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 6%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature. The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Oil-contaminated substrates must first be pre-cleaned with an emulsifying cleaning detergent in accordance with the supplier's instructions. Finally, the concrete or cement screed surface is cleaned using high-pressure water jetting. Excess water is removed from the surface by wet and dry vacuum cleaner.

Application Conditions: During the application, ambient temperature should be between +10°C and +30°C. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10°C and +30°C. Substrate humidity should be maximum 8%. Substrate temperature shouldn't be less than +8°C and must be at least +3°C above the current dew point temperature.

Chemical Structure: Part A: Epoxy Resin, Part B: Epoxy Hardener.

Coverage

Purpose of Use	Product	Consumption
Primer	T-POX 2200	0.100-0.150 kg/m²
Base Coat-Thin (Surface roughness up to 1 mm)	1 unit T-POX 2200+0.50 unit aggregate (100-300 micron thick)	1.40 kg/m²/mm
Base Coat-Medium Thickness (Surface roughness 1-2 mm)	1 unit T-POX 2200+1 unit aggregate (100-300 micron thick)	1.60 kg/m²/mm
Bonding Bridge	T-POX 2200	0.100-0.150 kg/m²
Mortar Coating / Repair Mortar	1 unit T-POX 2200+10 unit aggregate	2.00kg/m²/mm

** Coverage increases as the viscosity gets higher at lower temperature.*

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1,00-1,10 kg/liter
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Compressive Strength	28 days: > 100 N/mm² (ASTM695-10)
Flexural Strength	7 days: > 40 N/mm² (ASTM D695-10)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : < 20 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	40-60 minutes
Consumption	100-150gr/m²
Total Curing Time	7 days

T-POX 2400

Modified epoxy based, two component, solvent free tile surface primer.

Product Description: *T-POX 2400*, is a low viscosity, solvent free two part modified epoxy resin based ceramic surface primer.

Fields and Application:
- Internal and external substrates.
- On concrete and cement based mineral surfaces.
- Primer for all epoxy and polyurethane surfaces.
- Glass and glazed tile substrates.
- Binder for epoxy based levelling mortars and mortar screeds.

Advantages:
- Low viscosity.
- High bond strength.
- Solvent free.
- Excellent penetration and adhesion ability.
- Easy application.
- Resistant to mechanical loads and chemicals.

Appearance:
Part A (Epoxy Resin) : Liquid – Transparent
Part B (Epoxy Hardener): Liquid – Pale Yellow

Packaging:
Part A: 14 kg. net – Part B: 6 kg. net
Total: Part A+B: 20 kg. net – Part A+B: 22.55 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature. The substrate must be clean, dry and free of all contaminants such as dirt, oil grease, coatings and surface treatments, etc.

Application Conditions: During the application, ambient temperature should be between +10°C and +30°C. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10°C and +30°C. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8°C must be at least +3°C above the current dew point temperature.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product.

Chemical Structure: Part A: Polyurethane Resin Part B: Polyurethane Hardener.

Coverage: Consumption:0,500-0,700kg/m² ** Coverage increases as the viscosity gets higher at lower temperature.*

Coverage

Purpose of Use	Product	Consumption
Primer	T-POX 2400	0.100-0.150 kg/m²
Base Coat-Thin (Surface roughness up to 1 mm)	1 unit T-POX 2400+0.50 unit aggregate (100-300 micron thick)	1.40 kg/m²/mm
Base Coat-Medium Thickness (Surface roughness 1-2 mm)	1 unit T-POX 2400+1 unit aggregate (100-300 micron thick)	1.60 kg/m²/mm

** Coverage increases as the viscosity gets higher at lower temperature.*

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.0-1,10 kg/liter (± %3)
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Compressive Strength	28 days: > 90 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 40 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : 40 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use after mixing	40-60 minutes
Consumption	100-150gr/m2
Powder Dryness	3-4 hour / 23°C
Touch Dryness	8-10 hour / 23°C
Total Curing Time	7 days
Aplication Format	Roll,Brush,Trowel

T-POX 2500

Two component, solvent free, epoxy resin based primer, mortar primer.

Product Description: *T-POX 2500* , is a low viscosity, solvent free two-part epoxy resin based epoxy mortar primer.

Fields and Application:
- Internal and external substrates.
- On concrete and cement based mineral surfaces.
- Normal to strongly absorbent surfaces.
- Primer for all Tardigrade Epoxy and polyurethane surfaces.
- Binder for epoxy based levelling mortars and mortar screeds.
- With aggregate, it can be used as cast and repair mortar on the surfaces that require repair.

Advantages:
- Ultrahigh bond strength.
- Solvent free.
- Strengthens the structure by penetrating into capillary spaces in concrete surfaces.
- Easy application.

Apparance:
Part A (Epoxy Resin): Liquid – Brownish Transparent
Part B (Epoxy Hardener): Liquid – Pale Yellow

Packaging:
Part A: 15,00 kg. net – Part B: 5,00 kg. net
Total: Part A+B: 20 kg. net – Part A+B: 22,55 kg. gross
Part A: 7,5kg. net – Part B: 2,5 kg. net
Total: Part A+B: 10kg. net – Part A+B: 12,55 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Coverage

Purpose of Use	Product	Consumption
Primer	T-POX 2500	0.100-0.150 kg/m²
Base Coat-Thin (Surface roughness up to 1 mm)	1 unit T-POX 2500+0.50 unit aggregate (120-300 micron thick)	1.60 kg/m²/mm
Base Coat-Medium Thickness (Surface roughness 1-2 mm)	1 unit T-POX 2500+1 unit aggregate (120-300 micron thick)	1.70 kg/m²/mm
Bonding Bridge	T-POX 2500	0.100-0.150 kg/m²
Mortar Coating / Repair Mortar	1 unit T-POX 2500+10 unit aggregate	2.00kg/m²/mm

** Coverage increases as the viscosity gets higher at lower temperature.*

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.10 -1,20kg/liter (± %3)
Viscosity	Mixed Resin: 1.000-2.000 mPa.s
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Compressive Strength	28 days: > 55 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 25 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : <40 mg (± %3) (CS 10/1200/1200) (ASTM D4060-14)
Duration of Use After Mixing	40-60 minutes
Consumption	100-150gr/m2
Powder Dryness	3-4 hour / 23°C
Touch Dryness	8-10 hour / 23°C
Total Curing Time	7 days
Aplication Format	Roll,Brush,Trowel

T-POX 2600

Two component, epoxy resin based primer

Product Description: *T-POX 2600* , is a low viscosity, two-part epoxy resin based primer.

Fields and Application:
- Internal and external substrates.
- On concrete and cement based mineral surfaces.
- Wooden surfaces.
- Metal surfaces, machine surfaces.

Advantages:
- Low viscosity.
- Ultrahigh bond strength.
- Strengthens the structure by penetrating into capillary spaces in concrete surfaces.
- Easy application.

Appearance:
Part A (Epoxy Resin) : Liquid – Transparent
Part B (Epoxy Hardener): Liquid – Pale Yellow

Packaging:
Part A: 12 kg. net – Part B: 6 kg. net
Total: Part A+B: 18 kg. net – Part A+B: 20,55 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature.

Application Conditions: During the application, ambient temperature should be between +10°C and +30°C. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10°C and +30°C. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8°C and must be at least +3°C above the current dew point temperature.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product.

Mixing: Make sure that the product temperatures are between +10°C and +30°C before starting the mixing procedure. Prior to mixing, stir part A and B separately with a mechanical drill and paddle at a very low speed.
Add component B gradually into component A and mix till you reach a homogeneous consistency (Approximately 3 minutes).

Cleaning of Tools: Clean all tools and application equipment with thinner immediately after use. Hardened/cured material can only be mechanically removed.

Chemical Structure: Part A : Epoxy Resin Part B: Epoxy Hardener.

Coverage: Consumption:0,500-0,700kg/m² ** Coverage increases as the viscosity gets higher at lower temperature.*

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.00-1.10 kg/liter
Viscosity	Mixed Resin: 200-800 mPa.s
Shore D Hardness	7 days: 60-70 (ASTM D2240-05)
Compressive Strength	28 days: > 50 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 15 N/mm² (ASTM D790)
Bond Strength	7 days : > 2 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : <40 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	30-40 minutes
Total Curing Time	7 days
Aplication Format	Roll,Brush

T-POX 2700 PS

Two component, epoxy resin based primer anticorrosive.

Product Description: *T-POX 2700 PS* , is a low viscosity, two-part epoxy resin based primer.

Fields and Application:

- Metal sheet, galvanized and aluminium surfaces.
- Any wood, metal and mineral surfaces exposed to water, seawater, chemicals and corrosion.
- All general industrial, machinery application for metal protection.
- Marine application.
- Oil palt (outside).
- Feed silos (inside and outside).

Product Features:

- Excellent adhesion.
- High corrosion resistance.

Apparance:

Part A (Epoxy Resin): Silk mat
Part B (Epoxy Hardener): Liquid – Pale Yellow

Packaging:

Part A: 16 kg. net – Part B: 4 kg. net
Total: Part A+B: 20 kg. net – Part A+B: 22,55 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Application: It can be applied with brush, roller and spray gun. Thinner is used for thinning when applied by spraying and the paint is thinned to a viscosity of 18 - 20 seconds (DIN CUP 4, 20 ° C) and applied 2-3 times over wet with a gun to give 35-40 m dry film.

Application Details:

A)Metallic Surfaces: Metallic surfaces such as iron or steel, oil, dirt, rust, rolling mill, or old paint residue by mechanical means or appropriate sand blasting should be cleaned until bright metal is obtained. According to the Swedish standard SIS 05 5900, sand blasting of at least Sa 2½ degree is recommended for surface cleaning. The surface should be primed with Epoxy Primer (for Metal) within 4 hours following this process.

B)Concrete and Cement Surfaces: New concrete and cement plaster must be cured for at least 21 days. Mortar residue on the cured surface, etc. Epoxy Primer (for concrete) is applied after being removed by light sanding or brushing. Old concrete and cement plaster on the surface of the old paint, dirt, dust, etc. Loose particles such as sandblasting, scraping, brushing is removed. Oil and grease residues are cleaned with detergent water, if neutralization is required, the surface is wiped with 3-4% hydrochloric acid or acetic solution and washed with water. Before the primer application, the floor should be completely dry.

Thinner: Epoxy Thinner.

Thinning ratio: For pistol application: It is thinned by 20%.
For Roller and Brush application: Thin 10-12%.

Coverage: Depending on the surface quality and absorbency, T-POX 2700 PS A + B mixture consumption is approximately
0,150 - 0,200 kg/m²
* Coverage increases as the viscosity gets higher at lower temperature.

Mixing: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In eMake sure that the product temperatures are between +15°C and +25°C before starting the mixing procedure. Prior to mixing, stir part A and B separately with a mechanical drill and paddle at a very low speed. Add component B gradually into component A and mix till you reach a homogeneous consistency (Approximately 3 minutes).
Pour the contents into a clean container and mix for another couple minutes. Please avoid mixing on high speed .

Method of Application: It is applied with short hard bristle brush, short hair roller or airless spray.

Drying time (23 0 C Ambient and Soil Temperature): *Surface Drying:* 2-4 hours, *Full Drying:* 18-24 hours, *Full Curing:* 7 days

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.50-1.60 kg/liter
Viscosity	Mixed Resin: 100-200 mPa.s
Shore D Hardness	7 days: 70-80 (ASTM D2240-05)
Compressive Strength	28 days: > 90 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 30 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : 20 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Consumption	0,150+0,200 kg/m²
Duration of Use After Mixing	40-60 min
Touch Dry	2-3 hour
Recoat	24 hour
Total Curing Time	7 days
Aplication Format	Roll,Brush

T-POX 2800 SS

Two component, epoxy resin based primer, zinc reinforced.

Product Description: *T-POX 2800 SS* , is a low viscosity, two-part ,Is zinc rich epoxy primer.

Scope of Application:

• Any kind of metal surface against corrosion used to protect.
• Epoxy, polyurethane and polyurea based application of materials to metal surfaces .Used as primer.

Features and Application:

• High level of corrosion due to high zinc content provides resistance.
• Cathodic thanks to zinc content on metal surfaces provides protection.
• Low viscosity and easy to apply.
• The water is impermeable.
• For abrasion and breakage after taking the product becomes very durable.
• Bases, acids, diluted salt solutions, resistant to grease and petroleum products and impermeable.

Product Features:

• Excellent adhesion.
• High corrosion resistance.

Appearance:

Part A (Epoxy Resin): Silk mat
Part B (Epoxy Hardener): Liquid – Pale Yellow

Packaging :

Part A: Part B:=7,47/1
Total: Part A+B: 25 kg. net – Part A+B: 27,55 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature. The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Oil-contaminated substrates must first be pre-cleaned with an emulsifying cleaning detergent in accordance with the supplier's instructions. Finally, the concrete or cement screed surface is cleaned using high-pressure water jetting. Excess water is removed from the surface by wet and dry vacuum cleaner. Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve a profiled open textured surface. The surface should be vacuumed by industrial vacuum cleaners to remove dust. If in doubt of the surface, apply a test area first. Should not be applied to wet or frozen surfaces and surfaces with high humidity.

Application Conditions: During the application, ambient temperature should be between +10°C and +30°C. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10°C and +30°C. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8°C and must be at least +3°C above the current dew point temperature.

Application Method: *T-POX 2800 SS* is applied as a single layer to close the gaps with roller.

• The overcoating should be done between 12 and 24 hours.
• 2nd. coat should be made within 12 hours at the earliest.

Thinner: Epoxy Thinner.

Thinning ratio:

For Pistol Application: It is thinned by 20%.
For Roller and Brush Application: Thin 10-12%.

Coverage: Depending on the surface quality and absorbency, T-POX 2800 A + B mixture consumption is approximately 0,150 - 0,250 kg/m²
* Coverage increases as the viscosity gets higher at lower temperature.

Mixing: Make sure that the product temperatures are between +15°C and +25°C before starting the mixing procedure. Prior to mixing, stir part A and B separately with a mechanical drill and paddle at a very low speed. Add component B gradually into component A and mix till you reach a homogeneous consistency (Approximately 3 minutes).
Pour the contents into a clean container and mix for another couple minutes. Please avoid mixing on high speed .

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.80-2,00 kg/liter
Color	Dark Gray
Consumption	0,150+0,250 kg/m²
Duration of Use After Mixing	6-8 hour
Touch Dry	4-6 hour
Total Curing Time	7 days
Walking	24 hour
Aplication Format	Roll,Brush

T-POX 3000

Three component, solvent free, epoxy based repair and filling mortar.

Product Description: *T-POX3000*, is a three component, contain specific grade of aggregates, solvent free, epoxy based repair and filling mortar.

Fields and Application:

- Industrial floorings.
- Joint repairs of highways.
- Concrete runways of airports.
- The maintenance and repair of marine structures.
- Bottom of crane rails.
- Bridge bearings and filling the empty space between the steel reinforcement of reinforced concrete columns.
- For the surface rep.airs before epoxy and polyurethane floor coating applications.
- Repair works of reinforced concrete elements.

Advantages:

- Can be used without primer.
- High bonding strength to concrete and steel.
- High bonding strength.
- Solvent free.
- Does not shrink.
- High abrasion and impact resistance.
- High mechanical and chemical resistance

Apparance:

Part A (Epoxy Resin): Liquid – Transparent
Part B (Epoxy Hardener): Liquid – Pale Yellow
Part C (Aggregate): Pale Yellow

Packaging:

Part A: 10 kg. net – Part B: 2,5 kg. net – Part C: 12,5kg. net
Total: Part A+B+C: 25 kg. net – Part A+B+C: 27,5 kg. gross

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature. The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Before applying *T-POX3000*, the substrates should be primed with appropriate momentum materials.

Application Conditions: During the application, ambient temperature should be between +10°C and +30°C. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10°C and +30°C. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8°C and must be at least +3°C above the current dew point temperature.

Mixing: Make sure that the product temperatures are between +15°C and +25°C before starting the mixing procedure. Prior to mixing, stir part A and B separately with a mechanical drill and paddle at a very low speed. Add component B gradually into component A and mix till you reach a homogeneous consistency (Approximately 3 minutes). Then add Part C (aggregate) in to A and B mix and stir 3 to 5 minutes until you reach a homogeneous consistency.

Chemical Structure: Part A : Epoxy Resin Part B: Epoxy Hardener Part C: Aggregate.

Coverage: *T-POX3000* A + B + C mixture is used in coating systems and its consumption varies according to usage of it in the system. Please refer to the system recommendations for proper consumption quantities.
*Consumption increases as the viscosity gets higher in lower temperatures.

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1,90-2,10 kg/liter (± %3)
Shore D Hardness	7 days: 70 – 80 (ASTM D2240-05)
Compressive Strength	28 days: > 70 N/mm² (ASTM D695-10)
Duration of Use After Mixing	30-40 minutes
Consumption	-
Powder Dryness	1-2 hour / 23°C
Touch Dryness	5-7 hour / 23°C
Total Curing Time	7 days
Aplication Format	Trowel

T-POX 3100

Two component, solvent free, epoxy based self leveling floor coating.

Product Description: *T-POX3100*, is a low viscosity, solvent-free, two components, self-leveling, multi-purpose epoxy based coating.

Fields of Application:

- On concrete and cement based mineral surfaces.
- Warehousing and storage.
- Normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops garages, loading ramps, airplane hangars.
- Wet process areas in pharmaceutical and other medical or laboratory buildings.
- Supermarkets, shopping centers, garages.

Advantages:

- Low viscosity.
- High bond strength.
- Solvent free.
- Excellent penetration and adhesion ability.
- Easy application.
- Highly fillable.
- Gloss finish.
- Liquid proof.
- Hygienic, easy to clean and maintain.
- Abrasion resistant, allows metal wheeled traffic.

Appearance:

Mix (Part A +Part B): Ral Colors

**Differences in color may occur under the influence of direct sunlight. This does not affect the physical and chemical resistance of the coatings.*

Packaging :

Part A: 12 kg. net – Part B: 3 kg. net
Total: Part A+B: 15 kg. net – Part A+B: 17,55 kg. gross
If sand is to be added (3: 1 ratio) C component: 5kg net
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1,40-1,50 kg/liter (± %3) (witout sand)
Viscosity	Mixed Resin: 1.000 – 2.000 mPa.s
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Compressive Strength	28 days: > 50 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 25 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : >30 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	30-40 minutes
Total Curing Time	7 days
Consumption	1,200-1,400kg/m² 1,700-1,800kg/m2 (with sand)
Powder Dryness	1-2 hour / 23°C
Touch Dryness	5-7 hour / 23°C
Total Curing Time	7 days
Aplication Format	Trowel

T-POX 3250 TX

Two component, solvent free, orange peel textured, epoxy based top coat floor coating.

Product Description: *T-POX 3250 TX*, is a low viscosity, solvent-free, two components, orange peel textured, epoxy based top coat floor coating.

Fields and Application:

- On concrete and cement based mineral surfaces.
- Warehousing and storage.
- Normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops garages, loading ramps, airplane hangars.
- Wet process areas in pharmaceutical and other medical or laboratory buildings.
- Control rooms, thermal and hydroelectric power plants.
- Supermarkets, shopping centers, garages.

Advantages:

- Ultra high bond strength.
- Solvent free.
- Excellent penetration and adhesion ability.
- Easy application.
- Highly fillable.
- Provides a textured and non-slip surface due to its high thixotropic attribute.
- Liquid proof.
- Hygienic, easy to clean and maintain.
- Has a semi elastic structure.
- Abrasion resistant, allows metal wheeled traffic.

Apparance:

Mix (Part A +Part B): Ral Colors **Differences in color may occur under the influence of direct sunlight. This does not affect the physical and chemical resistance of the coatings.*

Packaging:

Part A: 17 kg. net – Part B: 3 kg. net
Total: Part A+B: 20 kg. net – Part A+B: 22,55 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Application procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product. After the mixing procedure, *T-POX 3250 TX* is poured, spread evenly by means of a serrated trowel. After spreading the material evenly, turn the serrated trowel and smooth the surface in order to achieve an aesthetically higher grade of finish. Roll immediately in two directions with a spiked roller to ensure even thickness. Make sure that a continuous, pore free coat covers the substrate. For exact color matching, ensure the *T-POX 3250 TX* in each area is applied from the same control batch numbers. If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO_2 and H_2O water vapor, which may adversely affect the finish. For heating use only electric powered warm air blower system. Mixed product should be applied in max. 30-40 minutes in about +20°C. Waiting time between coats should be minimum 10 hours in +20°C and maximum 48 hours. If waited more than 48 hours, the surface should be sanded. The product would be completely cured in minimum 7 days to reach its maximum mechanical and chemical resistance. Reaction times of resin based systems depend on ambient and substrate temperatures as well as relative humidity. Under lower temperatures reaction times are longer which increases pot life, coating interval and working time. High temperatures increase chemical reactions and the above mentioned time decreases accordingly. After application, the material should be protected from direct contact with water for a minimum of 24 hours. Within this period, contact with water can cause a surface carbonation and/or surface tackiness, both of which must be removed. In such cases, overall coating should be removed from the floor and renewed. To maintain the appearance of the floor after application, *T-POX 3250 TX* must have all spillages removed immediately and must be regularly cleaned using rotary brush, mechanical scrubbers, scrubber dryer, high pressure washer, wash and vacuum techniques etc. using suitable detergents and waxes. Epoxy and polyurethane flooring systems, should be performed by expert contractors.

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1,65-1,75 kg/liter
Viscosity	Mixed Resin: 5.000 – 8.000 mPa.s
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Compressive Strength	28 days: > 60 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 30 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : 50 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	30-40 minutes
Consumption	0,500-0,700 kg/m²
Powder Dryness	60-91 min / 23°C
Touch Dryness	6-8 hour / 23°C
Coat Acceptance Time	24 hour / 23°C
Total Curing Time	7 days
Aplication Format	Roll,Brush

T-POX 3300

Two component, solvent free, epoxy resin based floor and wall paint.

Product Description: *T-POX 3300*, is a solvent free, two-part epoxy resin based floor and wall paint and coating.

Fields of Application:

• On concrete and cement based mineral surfaces.
•Normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages, loading ramps.
• Pedestrian walkways, parking lots and power plants.
• Hospitals, laboratories, operating rooms, and in hygienic areas such as food and laundry facilities.
• Water tank, drinking water tanks.

Advantages:

• High bond strength on moist surfaces.
• Solvent free.
• Easy application.
• Hygienic and easy to clean.
• Resistant to mechanical loads, abrasion and chemicals.

Appearance:

Mix (Part A +Part B): Ral Colors
**Differences in color may occur under the influence of direct sunlight. This does not affect the physical and chemical resistance of the coatings.*

Packaging :

Part A: 17 kg. net – Part B: 3 kg. net
Total: Part A+B: 20 kg. net – Part A+B: 22.55 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Application procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product. After the mixing procedure, *T-POX 3300* can be applied to a surface, which is already primed with appropriated Momentum primer, with short pile roller or airless spray equipment. If spray equipment used, use of preventive health and safety equipment is required. Make sure that a continuous, pore free coat covers the substrate. Two coats of application should be done and waiting time between coats should not be more than 24 hours. If this time is exceeded, the surface must be roughened again before the second coat. For exact color matching, ensure the *T-POX 3300* in each area is applied from the same control batch numbers. If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO_2 and H_2O water vapor, which may adversely affect the finish. For heating use only electric powered warm air blower system. Mixed product should be applied in max. 30-40 minutes in about +20°C. The product would be completely cured in minimum 7 days to reach its maximum mechanical and chemical resistance. Reaction times of resin based systems depend on ambient and substrate temperatures as well as relative humidity. Under lower temperatures reaction times are longer which increases pot life, coating interval and working time. High temperatures increase chemical reactions and the above mentioned time decreases accordingly. After application, the material should be protected from direct contact with water for a minimum of 24 hours. Within this period, contact with water can cause a surface carbonation and/or surface tackiness, both of which must be removed. In such cases, overall coating should be removed from the floor and renewed. To maintain the appearance of the floor after application, *T-POX 3300* must have all spillages removed immediately and must be regularly cleaned using rotary brush, mechanical scrubbers, scrubber dryer, high pressure washer, wash and vacuum techniques etc. using suitable detergents and waxes. Epoxy and polyurethane flooring systems, should be performed by expert contractors.

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.40-1.50 kg/liter (± %3)
Viscosity	Mixed Resin: 100-300 mPa.s
Shore D Hardness	7 days: 75-80 (ASTM D2240-05)
Compressive Strength	28 days: > 50 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 30 N/mm² (ASTM D695-10)
Bond Strength	7 days : > 3 N/mm2² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : 65 mg (± %3) (CS 10/1000/1000) (ASTM D4060 – 14)
Duration of Use After Mixing	30-40 minutes
Consumption	0,200-0,300 kg/m² for wall (3 layer) 0,500-0,600 kg/m2 for flor (2 layer)
Powder Dryness	1-2 hour / 23°C
Touch Dryness	5-7 hour / 23°C
Acceptence Dryness	24 hour /23°C
Total Curing Time	7 days
Aplication Format	Roll,Brush

T-POX 3350 S

Two component, solvent free, epoxy resin based floor and wall paint.

Product Description: *T-POX 3300*, is a solvent free, two-part epoxy resin based floor and wall paint and coating.

Fields of Application:

- On concrete and cement based mineral surfaces.
- Normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages, loading ramps.
- Pedestrian walkways, parking lots and power plants.
- Hospitals, laboratories, operating rooms, and in hygienic areas such as food and laundry facilities.
- Water tank, drinking water tanks.

Advantages:

- High bond strength on moist surfaces.
- Solvent free.
- Easy application.
- Hygienic and easy to clean.
- Resistant to mechanical loads, abrasion and chemicals.

Appearance:

Mix (Part A +Part B): Ral Colors

*Differences in color may occur under the influence of direct sunlight. This does not affect the physical and chemical resistance of the coatings.

Packaging:

Part A: 17 kg. net – Part B: 3 kg. net

Total: Part A+B: 20 kg. net – Part A+B: 22.55 kg. gross

**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5ºC and +30ºC. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Technical Properties

All technical values were calculated based on +23ºC and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.40-1.50 kg/liter (± %3)
Shore D Hardness	7 days: 75-80 (ASTM D2240-05)
Compressive Strength	28 days: > 50 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 30 N/mm² (ASTM D695-10)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : <20 mg (± %3) (CS 10/1000/1000) (ASTM D4060 – 14)
Duration of Use After Mixing	Max 6-8 Hour
Consumption	0,200+0,300 kg/m² for wall 0,500+0,600kg/m² for floor
Powder Dryness	2-4 hour / 23°C
Touch Dryness	5-7 hour / 23°C
Acceptence Dryness	16-24 hour /23°C
Total Curing Time	7 days
Aplication Format	Roll, Brush, Airsprey

T-POX 3400 CR

Two component, solvent free chemical resistant epoxy coating.

Product Description: *T-POX 3400 CR*, chemical resistant, solvent-free, two-component epoxy resin.

Features: Good adhesion to all kinds of metal and concrete surfaces, high resistance to friction, has a high chemical and mechanical resistance and forms a hard film. The film surface is bright and slippery. Easy to clean, does not contain bacteria, does not dust, does not harm health. It is resistant to dilute acids, dilute and concentrated alkalis, cleaning detergents and disinfectants, vegetable, mineral and animal oils, sea water, diesel oil, gasoline, alcohol and many other solvents.

Field of Application: Especially in waste water plants, coating applied to cement based surfaces.

It is material.

- Treatment plants.
- Waste water pipes.
- Biogas plants.
- Oil plants (inside and outside).
- Corrosion protection in iron steel structures use as overlay.

Advantages:

- Solvent free.
- It is very hard after drying, getting damaged and scratch resistant.
- Tiksotropi is.
- Against weather conditions, water, waste water, sea water, It is resistant.
- High abrasion resistance.
- Diluted acids, cleaning products, diluted resistant to salts and mineral oils.
- Resistant to water, waste water and sea water.
- Diluted alkalis, aliphatic hydrocarbons, oil, against petroleum products such as gasoline and diesel It is resistant.

Apparance:

Mix (Part A +Part B): Ral Colors

*Differences in color may occur under the influence of direct sunlight. This does not affect the physical and chemical resistance of the coatings.

Packaging:

Part A: / Part B =7/1

Total: Part A+B: 25 kg. net – Part A+B: 27,50 kg. gross

**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures Store in original sealed containers in a cool dry environment at temperatures between +5ºC. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8ºC and the temperature of the substrate must be at least +3ºC above the current dew point temperature. The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Oil contaminated substrates must first be pre-cleaned with an emulsifying cleaning detergent in accordance with the supplier's instructions. Finally, the concrete or cement screed surface is cleaned using high-pressure water jetting. Excess water is removed from the surface by wet and dry vacuum cleaner. Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve a profiled open textured surface. The surface should be vacuumed by industrial vacuum cleaners to remove dust. If in doubt of the surface, apply a test area first. Should not be applied to wet or frozen surfaces and surfaces with high humidity. Before applying *T-POX 3400 CR*, the substrates should be primed with appropriate Momentum materials.

Application Conditions: During the application, ambient temperature should be between +10ºC and +30ºC. Relative Air Humidity should not exceed 80% and the substrate temperature should be between +10ºC and +40ºC. Substrate humidity should be maximum 4%. Substrate temperature shouldn't be less than +8ºC and must be at least +3ºC above the current dew point temperature.

Technical Properties

All technical values were calculated based on +23ºC and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.40-1.50 kg/liter (± %3)
Viscosity	Mixed Resin: 100-300 mPa.s
Shore D Hardness	7 days: 84 (ASTM D2240-05)
Compressive Strength	28 days: > 50 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 30 N/mm² (ASTM D695-10)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : 65 mg (± %3) (CS 10/1000/1000) (ASTM D4060 – 14)
Powder Dryness	2-4 hour / 23°C
Touch Dryness	5-7 hour / 23°C
Acceptence Dryness	18-24 hour /23°C
Total Curing Time	7 days
Aplication Format	Roll,Brush

T-POX 3700

Two component, solvent free, epoxy based interlayer and top coat floor coating.

Product Description: *T-POX 3700*, is a low viscosity, solvent-free, two components, epoxy based preparation and top coat floor coating.

Fields of Application:

- On concrete and cement based mineral surfaces.
- Warehousing and storage.
- Normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops garages, loading ramps, airplane hangars.
- Wet process areas in pharmaceutical and other medical or laboratory buildings.
- Control rooms, thermal and hydroelectric power plants.
- Supermarkets, shopping centers, garages.

Advantages:

- Ultra high bond strength.
- Solvent free.
- Excellent penetration and adhesion ability.
- Easy application.
- Highly fillable.
- Provides a rough and non slip surface.
- Liquid proof.
- Hygienic, easy to clean and maintain.
- Abrasion resistant, allows metal wheeled traffic.
- Provides a patterned surface.

Appearance:

Mix (Part A +Part B): Ral Colors

**Differences in color may occur under the influence of direct sunlight. This does not affect the physical and chemical resistance of the coatings.*

Packaging:

Part A: 17 kg. net – Part B: 3 kg. net

Total: Part A+B: 20 kg. net – Part A+B: 22,55 kg. gross

**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5ºC and +30ºC. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10ºC or above +30ºC. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product. After the mixing procedure, *T-POX 3700* is poured, spread evenly by means of a serrated trowel. After spreading the material evenly, turn the serrated trowel and smooth the surface in order to achieve an aesthetically higher grade of finish. Roll immediately in two directions with a spiked roller to ensure even thickness. Make sure that a continuous, pore free coat covers the substrate. For exact color matching, ensure the *T-POX 3700* in each area is applied from the same control batch numbers. If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO_2 and H_2O water vapor, which may adversely affect the finish. For heating use only electric powered warm air blower system. Mixed product should be applied in max. 30-40 minutes in about +20ºC. Waiting time between coats should be minimum 10 hours in +20ºC and maximum 48 hours. If waited more than 48 hours, the surface should be sanded. The product would be completely cured in minimum 7 days to reach its maximum mechanical and chemical resistance. Reaction times of resin based systems depend on ambient and substrate temperatures as well as relative humidity. Under lower temperatures reaction times are longer which increases pot life, coating interval and working time. High temperatures increase chemical reactions and the above mentioned time decreases accordingly. After application, the material should be protected from direct contact with water for a minimum of 24 hours. Within this period, contact with water can cause a surface carbonation and/or surface tackiness, both of which must be removed. In such cases, overall coating should be removed from the floor and renewed. To maintain the appearance of the floor after application, *T-POX 3700* must have all spillages removed immediately and must be regularly cleaned using rotary brush, mechanical scrubbers, scrubber dryer, high pressure washer, wash and vacuum techniques etc. using suitable detergents and waxes. Epoxy and polyurethane flooring systems, should be performed by expert contractors.riginal unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Technical Properties

All technical values were calculated based on +23ºC and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1,50-1,60 kg/liter (± %3)
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Compressive Strength	28 days: > 60 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 30 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days : <40 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	30-40 minutes
Consumption	0,400-0,700 kg/m²
Powder Dryness	1-2 hour / 23°C
Touch Dryness	5-7 hour / 23°C
Waiting Time Between Coats	8-10 hour /23°C
Total Curing Time	7 days
Aplication Format	Trowel

T-POX 5000

Two component, solvent free, epoxy based terrazzo resin.

Product Description: *T-POX 5000,* is a low viscosity, solvent-free, two components, epoxy based colored terrazzo resin.

Field of Application:
- Airport terminals.
- Shopping malls.
- Pharmaceutical and chemical plants.
- Muse and convention centers.
- Offices and management buildings.
- Hotels, sport complexes.

Advantages:
- Offers esthetic, decorative and artistic designs on the surfaces.
- Offers a hygienic environment by forming jointless surfaces.
- Low viscosity.
- Ultrahigh bond strength.
- Solvent free.
- Ultrahigh abrasion resistance.
- Perfect resistance to slide.

Apparance:
A Part (Epoxy Resin): Liquid – Colored
B Part (Epoxy Hardener): Liquid – Pale Yellow

Packaging:
Part A: 14 kg. net – Part B: 7 kg. net
Total: Part A+B: 21 kg. net – Part A+B: 23,55 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures Store in original sealed containers in a cool dry environment at temperatures between +5°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product. After the mixing procedure, Tardigrade *T-POX 5000* is poured, spread evenly by means of a trowel. For an application that is homogenous and without any undulation trowel, gloss and power trowel should be used to ensure thickness and spreading of the surface. In order to achieve an application without any undulation, proper machine and discs should be handled by experts on wiping and polishing procedures If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO_2 and H_2O water vapor, which may adversely affect the finish. For heating use only electric powered warm air blower system. Mixed product should be applied in max. 40-60 minutes in about +20°C. Waiting time between coats should be minimum 10 hours in +20°C and maximum 48 hours. If waited more than 48 hours, the surface should be sanded. The product would be completely cured in minimum 7 days to reach its maximum mechanical and chemical resistance Reaction times of resin based systems depend on ambient and substrate temperatures as well as relative humidity. Under lower temperatures reaction times are longer which increases pot life, coating interval and working time. High temperatures increase chemical reactions and the above mentioned time decreases accordingly. After application, the material should be protected from direct contact with water for a minimum of 24 hours. Within this period, contact with water can cause a surface carbonation and/or surface tackiness, both of which must be removed. In such cases, overall coating should be removed from the floor and renewed. Epoxy and polyurethane flooring systems, should be performed by expert contractors.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature. The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Oil-contaminated substrates must first be pre-cleaned with an emulsifying cleaning detergent in accordance with the supplier's instructions. Finally, the concrete or cement screed surface is cleaned using high-pressure water jetting. Excess water is removed from the surface by wet and dry vacuum cleaner. Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve a profiled open textured surface. The surface should be vacuumed by industrial vacuum cleaners to remove dust. If in doubt of the surface, apply a test area first. Should not be applied to wet, frozen surfaces and surfaces with high humidity.

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.30-1,40 kg/liter
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Compressive Strength	28 days: > 105 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 40 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days: <35 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	40-60 minutes
Consumption	3kg E.resin+18kg Agrega
Powder Dryness	1-2 hour / 23°C
Touch Dryness	5-7 hour / 23°C
Total Curing Time	7 days
Aplication Format	Trowel

T-POX 6000

Two component, solvent free, epoxy based transparent coating. (Decorative surface)

Product Description: *T-POX6000*, is a low viscosity, solvent-free, two components, epoxy based transparent coating.

Fields of Application:
- Airport terminals.
- Hospital.
- Pharmaceutical industry.
- Shopping malls.
- Pharmaceutical and chemical plants.
- Muse and convention centers.
- Offices and management buildings.
- Hotels, sport complexes.

Advantages:
- Offers esthetic, decorative and artistic designs on the surfaces.
- Offers a hygienic environment by forming jointless surfaces.
- Low viscosity.
- Ultrahigh bond strength.
- Solvent free.
- Ultrahigh abrasion resistance.
- Perfect resistance to slide.

Appearance:
A Part (Epoxy Resin): Liquid – transparent
B Part (Epoxy Hardener): Liquid – Pale Yellow

Packaging:
Part A: 10 kg. net – Part B: 6 kg. net
Total: Part A+B: 16 kg. net – Part A+B: 18,5 kg. gross
**Barrels are available if requested.*

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Application Procedure: Avoid application under excessive heat or wind, rain and/or when the ambient and/or substrate temperature is below +10°C or above +30°C. In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product. After the mixing procedure, Tardigrade *T-POX 6000* is poured, spread evenly by means of a trowel. For an application that is homogenous and without any undulation trowel, gloss and power trowel should be used to ensure thickness and spreading of the surface. In order to achieve an application without any undulation, proper machine and discs should be handled by experts on wiping and polishing procedures If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO_2 and H_2O water vapor, which may adversely affect the finish. For heating use only electric powered warm air blower system. Mixed product should be applied in max. 30-40 minutes in about +20°C. Waiting time between coats should be minimum 10 hours in +20°C and maximum 48 hours. If waited more than 48 hours, the surface should be sanded. The product would be completely cured in minimum 7 days to reach its maximum mechanical and chemical resistance Reaction times of resin based systems depend on ambient and substrate temperatures as well as relative humidity. Under lower temperatures reaction times are longer which increases pot life, coating interval and working time. High temperatures increase chemical reactions and the above mentioned time decreases accordingly. After application, the material should be protected from direct contact with water for a minimum of 24 hours. Within this period, contact with water can cause a surface carbonation and/or surface tackiness, both of which must be removed. In such cases, overall coating should be removed from the floor and renewed. Epoxy and polyurethane flooring systems, should be performed by expert contractors.

Preparation of Substrate: Concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 2,5 N/mm². The residual moisture content of the substrate must not exceed 4%, the substrate temperature should remain a minimum of +8°C and the temperature of the substrate must be at least +3°C above the current dew point temperature. The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Oil-contaminated substrates must first be pre-cleaned with an emulsifying cleaning detergent in accordance with the supplier's instructions. Finally, the concrete or cement screed surface is cleaned using high-pressure water jetting. Excess water is removed from the surface by wet and dry vacuum cleaner. Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve a profiled open textured surface. The surface should be vacuumed by industrial vacuum cleaners to remove dust. If in doubt of the surface, apply a test area first. Should not be applied to wet, frozen surfaces and surfaces with high humidity.

Technical Properties

All technical values were calculated based on +23°C and 50% relative humidity. Temperature and humidity changes would change technical values.

Density	Mixed Resin: 1.20-1,30 kg/liter
Shore D Hardness	7 days: 75-85 (ASTM D2240-05)
Compressive Strength	28 days: > 60 N/mm² (ASTM D695-10)
Flexural Strength	7 days: > 30 N/mm² (ASTM D790)
Bond Strength	7 days : > 3 N/mm² (Concrete) (ASTM D7234)
Abrasion Strength	7 days: 40 mg (± %3) (CS 10/1000/1000) (ASTM D4060-14)
Duration of Use After Mixing	30-40 minutes
Consumption	1,00 -1,200 kg/m²
Powder Dryness	1-2 hour / 23°C
Touch Dryness	5-7 hour / 23°C
Total Curing Time	7 days
Aplication Format	Trowel,Roll

REPAIR MORTAR AND ADHESIVE

HiTech REMORT-F FINE REPAIR MORTAR

Cement based, polymer reinforced, fiber reinforced surface repair mortar.

Product Description: Cement based, single component, non shrink, fiber reinforced, polymer added structural, fast and fine repair mortar with increased strength and flexibility.

Areas of Usage:

- For filling the tension iron gaps (tie rod holes) and core gaps in reinforced concrete structures.
- Repairing the concrete after the mold is removed during all kinds of construction.
- Special coatings with light and medium traffic loads are used in future flooring and level repairs.
- All kinds of industrial reinforced concrete structures.
- Engineering structures such as subways, highways, dams.
- Repair, repair and reinforced concrete reinforcement projects.
- In the repair of prefabricated elements.
- It is used to repair 1-10 mm thick surface defects in one go.

Features and Benefit:

- It is easy to apply.
- Used in structural repairs.
- It is not affected by humidity as it does not contain metal.
- It has high adhesion strength.
- It is resistant to sulphate and chlorine.
- Does not cause corrosion.
- It is resistant to freezing and thawing.
- Suitable for vertical and overhead applications.
- It does not shrink.
- It is resistant to carbonation.
- It has high compressive strength.
- It is waterproof.
- Can be used in contact with reinforcement as it does not contain chloride.

Application Information & Consumption:

- Application Temperature: (+ 5 ° C) - (+ 35 ° C)
- Mixing Ratio: 4-5 lt water / 25 kg powder.
- Pot Life: Min. 60 min.
- Application Thickness: 1-10 mm (in one layer)

Application:

Surface Quality: Surfaces should be clean, smooth, solid, free of all kinds of dust, oil, dirt, rust, mold oil, detergent and similar anti-adhesion substances and wastes. Weak parts on the surface must be removed.

Surface Preparation: Cement grout and weakened parts should be removed, there should be no oil, dirt and rust on the surface. Absorbent surfaces should be pre-wetted, but there should be no puddles and drops.

Mixing: 4 - 5 liter of clean, clear water taken from normal ambient temperature is placed in a clean container, free of any substances preventing adhesion. 25 kg bags are poured into the container filled with water in powder form. It is mixed with a low speed mixer until a lump-free homogenous mixture is obtained. Mixing time should be minimum 5 minutes. The mortar obtained at the end of the process should be rested for 3 minutes and mixed again until it becomes homogeneous for 2 minutes. After the material reacts, it should not be mixed with water again.

Consumption: 1.50 kg / m² (for 1mm thickness)

Technical data are approximate values obtained in Momentum Chemistry Laboratory study of finished products obtained at + 20 ° C air temperature and 50% relative air humidity.

Packaging: 25 kg kraft bag.

Storage: Unopened original packages can be kept for 12 mounths in a dry condition.

Surface And Environmental Temperature: + 5 ° C / + 35 ° C

Application Method / Equipment: For the material to complete its setting, the ambient and ground temperature must not fall below the minimum allowed value. In exterior surface applications, the surface should be protected from sun, wind, rain and frost between the first 24-48 hours after application.

Cleaning: After application, it should be protected against adverse weather conditions such as direct sunlight, strong wind, high air temperature (above + 35 ° C) rain and frost. Hands should be cleaned with water and detergent before curing the product.

Cleaning of Equipment: Immediately after application, the equipment should be cleaned with water before it hardens. After the product hardens, it should be cleaned by mechanical methods.

Pot Life: About 50-60 minutes at 20 ° C

Cleaning Time: About 30-35 minutes at 20 ° C

Technical Properties	
Compressive Strength (EN 12808-3)	≥ 15.0 N / mm² (28 days)
Flexural Strength (EN 12808-3)	≥ 4.0 N / mm²
Adhesion Strength to Concrete (EN 1542)	≥ 1.0 N / mm²
Temperature Resistance	(-30 ° C) - (+ 80 ° C)
Limited Shrinkage-Expansion (EN 12617-4)	≥ 0.8 N / mm²
Capillary Water Absorption Value (EN 13057)	≤ 0.5 kg / m²h0.5
Reaction to Fire (EN 13501-1)	A1

HiTech REMORT-C CORSE REPAIR MORTAR

Cement based, polymer reinforced, fiber reinforced surface repair mortar.

Product Description: Cement based, single component, non shrink, fiber reinforced, polymer added structural, fast and fine repair mortar with increased strength and flexibility.

Areas of Usage:

- For filling the tension iron gaps (tie rod holes) and core gaps in reinforced concrete structures.
- Repairing the concrete after the mold is removed during all kinds of construction.
- Special coatings with light and medium traffic loads are used in future flooring and level repairs.
- All kinds of industrial reinforced concrete structures.
- Engineering structures such as subways, highways, dams.
- Repair, repair and reinforced concrete reinforcement projects.
- In the repair of prefabricated elements.
- It is used to repair 10-40 mm thick surface defects in one go.

Features and Benefit:

- It is easy to apply.
- Used in structural repairs.
- It is not affected by humidity as it does not contain metal.
- It has high adhesion strength.
- It is resistant to sulphate and chlorine.
- Does not cause corrosion.
- It is resistant to freezing and thawing.
- Suitable for vertical and overhead applications.
- It does not shrink.
- It is resistant to carbonation.
- It has high compressive strength.
- It is waterproof.
- Can be used in contact with reinforcement as it does not contain chloride.

Application Information & Consumption:

- Application Temperature: (+ 5 ° C) - (+ 35 ° C)
- Mixing Ratio: 4-5 lt water / 25 kg powder.
- Pot Life: Min. 60 min.
- Application Thickness: 30 mm (in one layer)

Application:

Surface Quality: Surfaces should be clean, smooth, solid, free of all kinds of dust, oil, dirt, rust, mold oil, detergent and similar anti-adhesion substances and wastes. Weak parts on the surface must be removed.

Surface Preparation: Cement grout and weakened parts should be removed, there should be no oil, dirt and rust on the surface. Absorbent surfaces should be pre-wetted, but there should be no puddles and drops.

Mixing: 4 - 5 liter of clean, clear water taken from normal ambient temperature is placed in a clean container, free of any substances preventing adhesion. 25 kg bags are poured into the container filled with water in powder form. It is mixed with a low speed mixer until a lump-free homogenous mixture is obtained. Mixing time should be minimum 5 minutes. The mortar obtained at the end of the process should be rested for 3 minutes and mixed again until it becomes homogeneous for 2 minutes. After the material reacts, it should not be mixed with water again.

Consumption: 1.90 kg / m² (for 1mm thickness).

Technical data are approximate values obtained in Momentum Chemistry Laboratory study of finished products obtained at + 20 ° C air temperature and 50% relative air humidity.

Packaging: 25 kg kraft bag.

Storage: Unopened original packages can be kept for 12 mounths in a dry condition.

Surface And Environmental Temperature: + 5 ° C / + 35 ° C

Application Method / Equipment: For the material to complete its setting, the ambient and ground temperature must not fall below the minimum allowed value. In exterior surface applications, the surface should be protected from sun, wind, rain and frost between the first 24-48 hours after application.

Cleaning: After application, it should be protected against adverse weather conditions such as direct sunlight, strong wind, high air temperature (above + 35 ° C) rain and frost. Hands should be cleaned with water and detergent before curing the product.

Cleaning of Equipment: Immediately after application, the equipment should be cleaned with water before it hardens. After the product hardens, it should be cleaned by mechanical methods.

Pot Life: About 50-60 minutes at 20 ° C

Cleaning Time: About 30-35 minutes at 20 ° C

Technical Properties	
Compressive Strength (EN 12808-3)	≥ 20.0 N / mm² (28 days)
Flexural Strength (EN 12808-3)	≥ 4.0 N / mm²
Adhesion Strength to Concrete (EN 1542)	≥ 1.0 N / mm²
Temperature Resistance	(-30 ° C) - (+ 80 ° C)
Limited Shrinkage-Expansion (EN 12617-4)	≥ 0.8 N / mm²
Capillary Water Absorption Value (EN 13057)	≤ 0.5 kg / m²h0.5
Reaction to Fire (EN 13501-1)	A1

HiTech GM - GROUT MORTAR

Cement based grout mortar.

Product Description: *Hitech-GM GROUT MORTAR* is a high quality cement based, high fluidity, special granulometric design, non shrinkage filling mortar with expansion property against the shrinkage effect of cement.

Areas of Usage:

- As a filling mortar in the foundations of industrial machines.
- In filling the gaps between anchors.
- Joints of precast concrete elements.
- In the manufacture of curtain and column heads.
- Fixing steel columns to the foundation.
- Used for filling all kinds of concrete voids.

Features and Benefit:

- It can be used at the construction site by mixing only water.
- Easy to place due to its high quality and high fluidity.
- High strength.
- Does not bleed water.
- Provides high adherence to concrete and reinforcement.
- It does not have any corrosive effect against steel structures.
- It is resistant to chlorine and sulphate.
- It is resistant to oils.
- It is resistant to freezing and thawing.
- Does not shrink.

Application Instructions: Concrete or steel surfaces to be applied should be free from oil, dust etc. It should be free of such materials and loose-loose parts. Surfaces that will come with *Hitech-GM GROUT MORTAR* mortar should be roughened. It is beneficial to pre-wet highly absorbent concrete surfaces and to saturate them with water. However, there should not be free water on the surface.

Material Preparation: A suitable amount of water (3.0-4.0 kg water in a 20 kg powder package) is added into a bucket. Hitech-GM GROUT MORTAR is slowly added and mixed with a 300-400 rpm mixer until a homogenous and lump-free mixture is obtained (3-4 minutes).
Consumption: 1cm / 1 m² Powder Consumption (kg): 15-16
Packaging: 20kg. kraft bag.
Storage: Unopened original packages can be kept for 12 mounths in a dry condition.
Surface And Environmental Temperature: + 5 ° C / + 35 ° C
Application Method / Equipment: For the material to complete its setting, the ambient and ground temperature must not fall below the minimum allowed value. In exterior surface applications, the surface should be protected from sun, wind, rain and frost between the first 24-48 hours after application.
Cleaning: After application, it should be protected against adverse weather conditions such as direct sunlight, strong wind, high air temperature (above + 35 ° C) rain and frost. Hands should be cleaned with water and detergent before curing the product.
Cleaning of Equipment: Immediately after application, the equipment should be cleaned with water before it hardens. After the product hardens, it should be cleaned by mechanical methods.
Pot Life: About 30-35 minutes at 20 ° C
Cleaning Time: About 30-35 minutes at 20 ° C

Technical Properties	
Basis	Polymer reinforced special cement
Specific Weight	2 kg / l
Expansion	0.1% permanent for 28 days
Application Temperature	+ 5°C to + 30°C
Compressive Strength	
1st day	15-25 N / mm²
3rd day	25-35 N / mm²
7th day	35-45 N / mm²
28th day	70-80 N / mm²

HiTech MCOAT SMOOT PASTE-PF

Exterior and interior paste.

Product Description: Cement based, micronized glass granulate filled, flexible, exterior and interior fill and surface correction putty.

Features:

- Flexible.
- It is used as the last layer in ecological thermal insulation plaster to obtain a smooth surface.
- Improves ease of sanding with improved formula.
- It is in the same form as heat insulation plaster, it does not change any insulation property.

Application: The application surface should be strong, dry, clean and self-supporting. Surface should be free of all dirt, dust, mold oil and loose layers.

Coverage Area: 1-1,5 kg/m² 1 layer.

Drying Time: 20 ° C and 50% humidity environment, it should be 1 hour for dust retention drying, 4 hours for touch drying, 4 hours for 2 times application and 24 hours for full drying.

Recommended Application Tools: Applied with steel trowel.

Packaging: 20 kg kraft bag.

Storage: It should be stored at 5-35 ° C in sealed containers which are not in direct sunlight. The mouth of the containers must be kept closed when not in use. It must be protected from frost.

Shell Life: 12 month

Technical Properties

Density	1,35-1,40kg/m3
Color	Whitenes
Type	Cement based
Solids content (by weight)	%100

HiTech MCOAT SMOOT PASTE-LF

Exterior and interior paste.

Product Description: Acrylic copolymer emulsion based, micronized glass granulate filled, flexible, exterior and interior fill and surface correction putty.

Features:

- Flexible.
- It is used as the last layer in ecological thermal insulation plaster to obtain a smooth surface.
- Improves ease of sanding with improved formula.
- It is in the same form as heat insulation plaster, it does not change any insulation property.

Application: The application surface should be strong, dry, clean and self-supporting. Surface should be free of all dirt, dust, mold oil and loose layers.

Coverage Area: 1-1,5 kg/m2 1 layer.

Drying Time: 20 ° C and 50% humidity environment, it should be 1 hour for dust retention drying, 4 hours for touch drying, 4 hours for 2 times application and 24 hours for full drying.

Recommended Application Tools: Applied with steel trowel.

Packaging: 10kg. and 20kg. plastic pail.

Storage: It should be stored at 5-35 ° C in sealed containers which are not in direct sunlight. The mouth of the containers must be kept closed when not in use. It must be protected from frost.

Shell Life: 12 month

Technical Properties

Density	1,65-1,75kg/m³
Color	Whitenes
Type	Acrylic copolymer resin
Solids content (by weight)	80-85

T-POL 9000

Polyurethane based, two component, universal adhesive.

Product Description: *T-POL 9000* is a two component, low viscosity, universal adhesive based on aliphatic polyurethane.

Usage Area:
- Indoor and outdoor,
- Concrete.
- Metal,
- Ceramic.
- Used as adhesive in wood, polystyrene foam, kantrplak, chipboard, pvc, tartan runway applications.

Benefits:
- Low viscosity.
- Very high adhesion strength.
- It is an environmentally friendly material because it contains low amount of VOC.
- Excellent penetration.
- Resistant to mechanical loads, abrasion and chemicals.
- Used indoors and outdoors.

Apperance Mixture: (Component A + B): Gray-whitish

Packaging:
Component A: 18 kg. net - Component B: 2 kg.
Net Total Set: 20 kg. net - Total Set: 22,55 kg. gross

Storage: It should be stored in its unopened original package in a dry environment protected from frost and in the range of + 10°C to + 30°C. Products should not be overloaded in such a way as to damage their packaging.

Shell Life: Under proper storage conditions, shelf life is 12 months for component A and 9 months for component B from date of manufacture. The products in the opened packages should be stored in appropriate storage conditions and consumed within 1 week at the latest.

Chemical Structure: Component A: Polyurethane Resin Component B: Polyurethane Hardener (Aliphatic Isocyanate)

Surface Preparation: The compressive strength of the application surface must be at least 25 N / mm² and the strength of the ground concrete (pull off) should be at least 2.0 N / mm². The ground concrete must be cured and the moisture content of the concrete should not exceed 4%. The substrate temperature should not be less than + 8°C and at least + 3°C above the dew point. The surface must be dry. Dust, dirt, paint, oil and similar substances that reduce adherence should be removed. Eyelet gaps should be filled. Oil-absorbed surfaces must be cleaned with chemical cleaning agents; then the surface should be cleaned once more with water jet. The remaining water deposits should be removed from the surface with the help of vacuum cleaners. The cleaned surface should be prepared by a suitable mechanical blasting method such as grinder, sand blasting or sanding and a rough surface should be obtained. The dust layer formed after mechanical cleaning should be swept with the help of industrial brooms. In case of doubt about the surface, a trial application should be performed. Do not apply on wet, high humidity or frozen surfaces.

Application Conditions: Air temperature should be between + 10°C and + 30°C during application. Relative humidity should not exceed 80% and the surface temperature should be between + 8°C and + 30°C. The moisture content of the ground concrete should not exceed 4%. Floor temperature should be at least + 3°C above dew point.

Preparation of the mixture: Before mixing, ensure that the material temperatures are between + 10 ileC and + 30°C. Component A is mixed with the low speed mixer for a reasonable time until it becomes homogeneous.Then component B is added to component A and mixed with a low speed mixer until a homogeneous mixture is obtained (average 3 minutes).In order to prevent possible mixing errors, the final form of the mixture is put into a clean and suitable container and made ready for use by mixing for a short time at low speed for the last time.To minimize air entrainment, stirring should be avoided for too long and at high speed. During application, solvent, thinner and so on must participate in

Application details:
Provided that the above-mentioned ideal surface and weather conditions are appropriate; It should not be applied in weather conditions below + 10°C and above + 30°C, rainy and / or windy weather. If necessary, the ambient humidity and floor temperature should be optimized with the help of heaters and dryers. Coatings with insufficient waterproofing should not be applied. *T-POL 9000* can be applied to the surface using roller, brush or trowel. The curing times of polyurethane resin based products vary depending on the ambient conditions. The duration of the chemical reaction and the corresponding operating time also vary. Therefore, these details should be considered during application. Under low temperature conditions, the chemical reaction slows down and prolongs the operating time.After the application is completed, the floor should be protected from direct contact with water for at least 48 hours. Otherwise, carbonation and softening occurs in the area in contact with the water, causing the coating to lose its properties. If this happens, the entire coating must be removed from the floor and re applied.

Equipment Cleaning: Immediately after use, equipment should be cleaned with solvent. Cured material can only be removed by mechanical means.

Consumption Tardigrade: *T-POL 9000* A + B mixture, consumption varies according to the use in the system. Refer to the system recommendations for appropriate consumption amounts. * Consumption may increase as viscosity increases in low temperature conditions.

Average Consumption: 0.300-0.600kg / m²

Technical Properties	
Mixing Density	1.65 - 1.85 kg / liter
Mixing Life	60-800minutes
Drying Time	24 hours
Full Curing Time	7 days

T-POL 9500

Two component, polyurethane bitumen based joint filler.

Product Description: It is a two component, polyurethane-bitumen based, cold applied, self-leveling, dilatation and joint sealant with high mechanical and chemical resistance.
Usage Area: It is used in parking lots, terminal ramps, hangars, loading-unloading areas. It is an excellent joint filling material for places such as tunnels, infrastructures, bridges, canals and sewers.
Benefits:
• It is elastic. It maintains its elasticity between -40 ° C and + 86°C.
• It should be applied cold. It is resistant to abrasion.
• Self-leveling, easy and fast application.
• Its adherence to the applied surface is very high.
• It is resistant to aging.
• Components A and B can be mixed in the appropriately sized container.
Consumption: 1.30-1.50 gr / cm³
Packaging: Metal Box in a set of Net 4kg + 1kg or 12kg + 3kg
Storage: It can be stored for a minimum of 8 months under 35 ° C in its unopened package. It must be protected from frost.
Joint Preparation: The width of the expansion joints should be at least 8 times the calculated concrete working value. If this value is less than 7mm, the joint width should be at least 7 mm. In joints up to 13 mm in width, the joint depth should be equal to the joint width. In joints with a width of 13-30 mm, the joint thickness should be 80% of the joint width. In larger or false joints, the sealant depth should be determined according to other conditions. During the application, base material should be used in order to obtain the appropriate joint thickness. Thickness of the base material should be 10% more than the joint width and should be placed by compression. Tacking the joint edges prevents staining that may occur due to overflow of primer and filler material on the concrete surface. The tape should be removed immediately after the application.

Surface Preparation and Priming: The inside of the joints where *T-POL 9500* will be applied should be cleaned from moisture, dust and all kinds of dirt. Mechanical and chemical tools and a compressor are used for the cleaning process. If possible, compressed air should be blown into the joint space. The joint concrete to be filled must have gained 80% (min.14 days) of its total strength.After cleaning, special *Momentum T-POX 2600* epoxy primer should be used.In joints where *T-POL 9500* is applied, there should be no contact with water until curing is completed.
Application: It is used only in horizontal joints. The hardener in the small box and the main material in the big bucket are mixed with a heavy-speed drill until they get a homogeneous appearance. The mixture must be used within about 30 minutes,otherwise irreversible gelling will begin. The application area should be protected from water for at least 6-8 hours. The application temperature should be in the range of +5 / + 35 ° C.
Tool Cleaning: Tools can be cleaned immediately after use with cellulosic thinner.

Technical Properties

Material Content	Polyurethane - Bitumen Based
Color	Black
Solid Material	98%
Shore A Hardness	35 ± 5
Continuous Usage Temperature	- 40 ° C / + 86 ° C
Shock Temperature Resistance	+120 ° C
Density (mixture)	1,30 gr / cm³
Elasticity	Min. 450%
Pot Life Of The Mix	20-30 Minutes (20 ° C)
Drying Time	*Touching:* 6 Hours, *Complete Drying:* 24 Hours

T-POX 3000 G-SF

High strength three component epoxy resin grout.

Product Description: *T-POX3000-G SF* is a three-component grout, based on a solvent free epoxy resin and special aggregates.

Usage Area: *T-POX3000-G SF* is used for the permanent fixing of
- Starter bars and dowels,
- Foundation bolts,
- Ground anchors,
- Base plates for building systems,
- Rail and crane tracks,
- Machine bedding and baseplates,
- Stanchions,
- Cavity fillings,
- Bridge bearings.

Advantages:
- Versatile applications
- Fast setting
- High strength
- Primerless
- Developed to take vibrations when cured
- Can be applied to wet or damp substrates

Appearance:
Part A (Epoxy Resin): Liquid – Transparent
Part B (Epoxy Hardener): Liquid – Pale Yellow
Part C (Aggregate)

Packaging:
Total: Part A+B+C: 20 kg.
Mix:3,67+1,33+15=20 kg

Storage: Store in original sealed containers in a cool dry environment at temperatures between +5°C and +30°C. Palettes should not be placed on top of each other during long term storage.

Surface Preparation: Suitable mechanics such as high pressure water jet, vacuum, roughening, sandblasting, It should be prepared by cleaning with surface preparation techniques. Surface and Environment Temperature: + 5 ° C - + 35 ° C

Surface Quality: Surfaces are clean, smooth, solid, all kinds of dust, oil, dirt, rust, mold oil, detergent It should be free from similar anti-adhesion materials and waste. Water in the concrete floor there should be no residue, moisture or moisture. It should be a dry floor, concrete surface moisture is below 4% should be.

Mixing: Pour the B component into the A component. Turbid with a low speed electric mixer Stir the mixture until it reaches a completely homogeneous appearance. Later Pour the mixture into a suitable container and add component C slowly and continuously. Continue mixing for at least 3 minutes until a homogeneous mortar is obtained.

Application Method / Equipment: The prepared mixture is applied to the surface primed with *Momentum T-POX 2500* by air Depending on the temperature and environmental conditions, the primer is applied with a trowel before it dries completely. should be applied with.

Cleaning of Tools: Uncured material may be cleaned from application tools, by using a suitable cleaner (flammable solvent). Cured material can only be removed mechanically.

Coverage: *T-POX3000-G SF*; A + B + C mixture varies according to the usage area and thickness.
**Consumption increases as the viscosity gets higher in lower temperatures.*

Average: 2,1 -2,3 kg/m² (for 1 mm thickness)

Shelf Life: Minimum 24 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Chemical Structure: Part A : Epoxy Resin Part B: Epoxy Hardener Part C: Aggregate

Technical Properties

Colour	Gray
Density Mixed Resin	2,00 kg/liter (± %3)
Compressive Strength (By +20C)	1 days: 50-60 N/mm² (ASTM D695-10) 7 days: 70-80 N/mm² (ASTM D695-10)
Adhesion To Concrete	4N/mm (cohesive failure of concrete)
Pot Life	30 minutes at 20°C
Application Thickness	10 – 50 mm (per layer)
Flexural Strength	25-40 N/mm² at 7 days
Tensile Strength	14 N/mm2 at 7 days
Mix Ratio:	A:B:C=3,67:1,33:15 (by weight)

T-POX 3800 DBA

Epoxy based, two component, solvent free, thixotropic repair and adhesive mortar.

Product Description: *T-POX 3800 DBA* is a two-component, solvent-free, epoxy binder, water and chemical resistant, general purpose, thixotropic filler, repair, leveling and bonding mortar.

Usage Area: It is a general purpose material and it is used as filling mortar and adhesive in assembly and repair works.

- Repair of reinforced concrete structural elements,
- Repair and maintenance of marine structures,
- For filling the gaps between the reinforced concrete columns and steel reinforcement,
- Repair of large cracks in concrete slabs,
- Before epoxy and polyurethane floor coverings, surface repairs,
- Sprout planting and anchoring works,
- Used as adhesive in pre-tensioned building materials

Features and Benefits:

- High tensile and adhesion strength.
- It has high compressive and bending strength.
- Solvent free.
- Hardens without shrinkage or shrinkage after drying.
- It has an extremely hard structure after curing is completed.
- Very high abrasion resistance.
- Perfectly adheres to any suitable surface.
- Does not require primer, it is extremely easy to apply.
- Odorless, no harm to human health. Provides ease of application and job security thanks to its solvent free content.
- Thixotropic and can be applied up to 10 mm thickness.
- Resistant to sea water, diesel, gasoline, various dilute chemicals, cleaning detergents and disinfectants.
- Excellent resistance to mechanical impacts.
- As it is putty, it forms a very thin layer around the filled holes and gaps which does not cause any difference in the surface. The layer formed on the surface is very thin, yet adherence to concrete is excellent.
- Pot life and long service life.

Application Instructions:

- Can be applied with spatula, trowel and sealant gun.
- Application should not be performed in environments where the humidity is below 10 ° C and the relative humidity is above 75%. The substrate temperature must be at least 3 ° C above the dew point.
- The mixing time is 1 hour at 20 ° C and the higher the mixture and ambient temperature, the shorter the time.
- It can be sanded 24 hours after the application, can be coated with any type of paint and a new coat of paste can be applied.
- Surface drying time at 20 ° C is 4-5 hours,
- Full drying time at 20 ° C is 18-24 hours.
- Curing time is 7 days at 20 ° C. During this period, it should be ensured that the paste mass or layer is not exposed to any chemical and mechanical effects.

Appearance: Mixture (component A + B): gray

Coverage: T-POX 3800 DBA A + B mixture may vary depending on the application.

Average Consumption: 1,600-1,800kg / m²

Packaging: A + B Component: 5 kg set

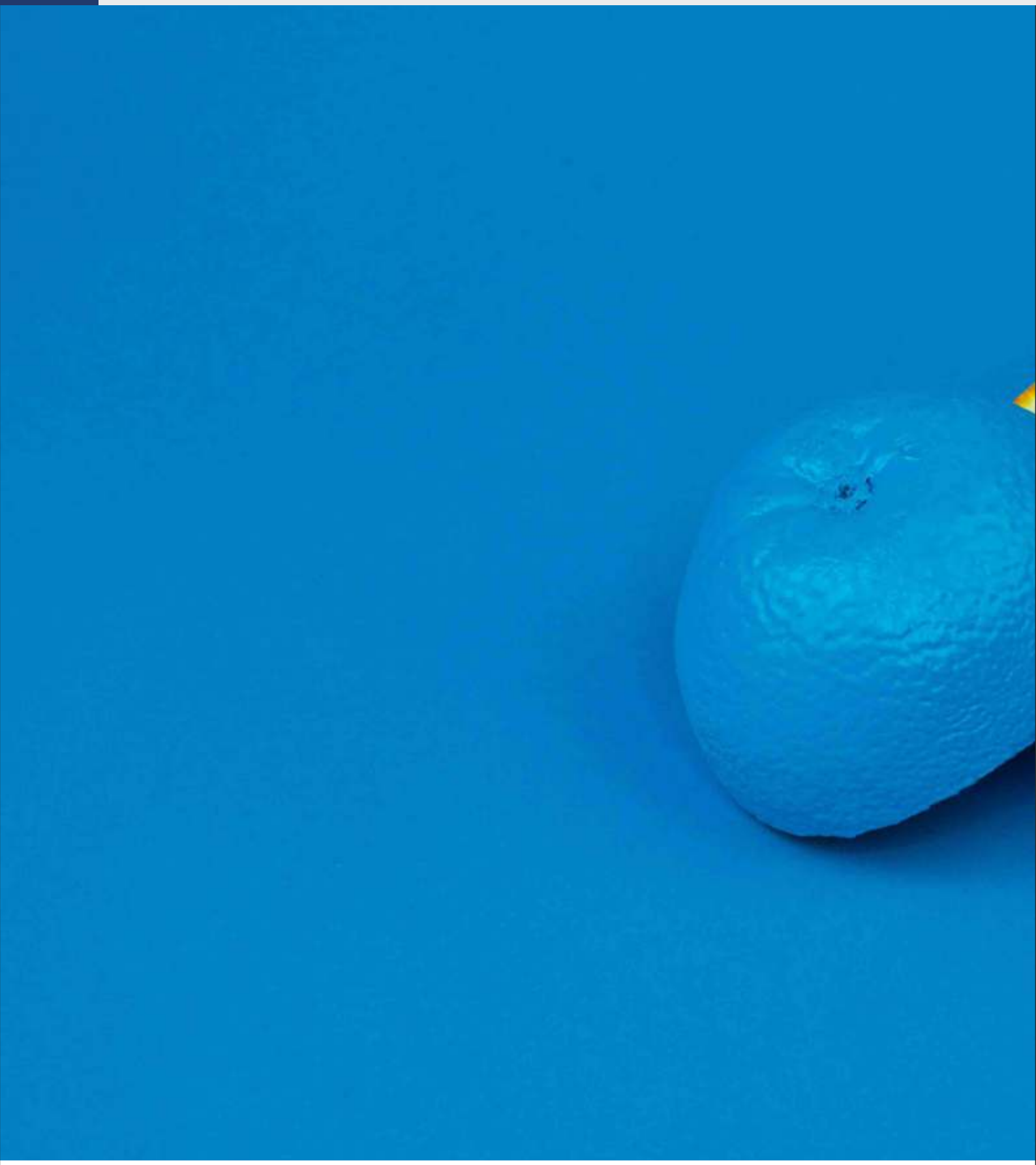
Storage: Store in original sealed containers in a cool dry environment at temperatures between +5ºC and +30ºC. Do not put excessive loads on top of the products, which would damage the packaging.

Shell Life: Minimum 12 months from date of production if stored in original unopened containers. Once opened, product should be consumed within one week as it is stored under appropriate storage conditions.

Chemical Structure: Part A: Epoxy Resin Part B: Epoxy Hardener

Technical Properties

Basis	2-component epoxy resin
Color	Gray
Mixing Ratio	3 parts by weight of base material. (Component A) 1 part by weight of hardener (component B)
Specific Gravity	1,80 ± 0,05 kg / l at 20°C
Theoretical Consumption	1.80 kg / m² in 1 mm thick application
Processing Time	Approx. 60 min at 20°C.
Can Be Covered	After 16 - 24 hours at 23°C
Full Cure	7 days at 23°C



PAINT AND PRIMER

EXCLUSIVE EXT PAINT

Exterior paint.

Product Description: This is a water based, high alkali resistant, easily applicable, high covering slicone added matt exterior paint.

Features:

- For filling the tension iron gaps (tie rod holes) and core gaps in reinforced concrete structures.
- High alkali resistance, damp weather, moisture and salt water resistant and highly durable sunlight.
- With highly water repellent property.
- Waterproof allows moisture to be taken out.

Drying Time:

*Surface drying (minutes):*5-10
*Recoat (h):*2-3
*Full dry (h):*24

- *The specified drying time; temperature, humidity, such media may vary depending on the application thickness and application conditions.*

Coverage Area: 8-10 m²/L on single coat.

Packaging: 12,5L or 15L plastic pail.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Surface Preparation&Application: If paint is being applied for the first time, dirty and loose parts should be removed. If it is being repainted, it should be ensured that it is clear of dust, and primed with *M-STAR PRIMER*. It is recommended to repair the surfaces using acrylic paste. It is recommended to apply two coats after priming by waiting 3 to 4 hours between each coat depending on the temperature.

System4 - TS 7847		Classification According to TS EN 13300	
Resin type	Acrylic binder	Brightness	Class G3
Color	Consult colour cataloque	Dry Film Thickness	Class E3
Gloss	Matte TS EN ISO 2813	Grain Size	Class S1
Solids% (by weight)	65-66 ASTM D 4209	Water Vapor Transfer Rate	Class V1
Solids% (by volume)	46-47 ASTM D 4209	Water Transfer Rate	Class W1
Viscosity (cPs, 25°C)	15000-18000 ASTM D 2196	Crack Covering Feature	Class A0
Density (g/cm,20 °C)	1.50-1.55 TS EN ISO 2811	Carbon Dioxide Capture	Class C0
pH (25°C)	8.0-9.0		

EXCLUSIVE INT PAINT

Interior paint.

Product Description: This is a water based, silicon, matt interior top coat paint.

Features:

- Easily application,Water repellent.
- Silicon additive,Good hiding power.
- High water vapor permeability,Odorless,Decorative.
- Prevents paint from blistering and splitting caused by humidity.

Drying Time: At 20°C, the paint is;
Touch dry: 15 minutes,
Antidust dry: 30 minutes
Hard dry: 3 hours.

Coverage Area: 9-12 m²/L on single coat.

Packaging: 12,5L or 15L plastic pail.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Surface Preparation&Application: Dirty, dusty, bubbled, old painted surfaces must be cleaned and primed with *M-STAR PRIMER*. It is recommended to use filler primer on new plastered surfaces. After the application of the primer, minimum two coats must be applied by waiting at least 3 hours between each coat based on the weather conditions.

System1 - TS 5808		Classification According to TS EN 13300	
Resin type	Acrylic binder	Wet Scrub Resistance	Class 2
Color	Consult colour cataloque	Hiding Power	Class 2
Gloss	Matte TS EN ISO 2813	Grain Size	Thin
Solids% (by weight)	65-66 ASTM D 4209	Brightness	Matte
Solids% (by volume)	46-47 ASTM D 4209		
Viscosity (cPs, 25°C)	15000-18000 ASTM D 2196		
Density (g/cm,20 °C)	1.50-60 TS EN ISO 2811		
pH (25°C)	8.0-9.0		

EXPERT CL PAINT

Celling paint.

Product Description: Water based, acrylic resin based, matt plastic ceiling paint.

Features: Odorless, allows surface to breath, high hiding power
high whiteness, matt.

Drying Time: It completely dries out in 1 to 3 hours at a temperature of 20°C and a relative humidity of 50%.
Thinning and Blending Ratio: 8-10 m²/L on single coat.

Coverage Area:
8-10 m²/kg for a single coat.
5-m²/L for a single coat.

Packaging: 10L plastic pail.

Recommended Application Tools: Apply with brush or roller.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Surface Preparation&Application: Dirt, dust, and swelled or flaking paint must be thoroughly removed. Appy in two coats, with at least 2 to 3 hours waiting time between coats. During application, environment and surface temperature must be between 5°C and 30°C.

System1 - TS 5808		Classification According to TS EN 13300	
Resin type	Acrylic copolymer	Wet Scrub Resistance	Class 5
Gloss	Matte TS EN ISO 2813	Hiding Power	Class 2 (7,5m²/L)
Solids% (by weight)	ASTM D 4209	Grain Size	Thin
Solids% (by volume)	ASTM D 4209	Brightness	Matte
Viscosity (cPs, 25°C)	15000-20000 ASTM D 2196		
Density (g/cm³,20 °C)	1.72-1.78 TS EN ISO 2811		
pH (25°C)	8.0-9.0 ASTM E 70		

IP-RAPID PAINT

Styrene modified alkyd resin based, fast drying, gloss industrial paint.

Product Description: Styrene modified alkyd resin based, fast drying, gloss industrial paint. It is used for painting any kind of machinery components; farming, household and garden appliances; tractors, trailers, transformer, auto radiator components, barrels, valves, steel cupboards and tables. Adheres perfectly to metal surfaces.

Areas of Application:
- All kinds of machine parts.
- Agriculture, home and garden tools.
- On surfaces such as tractor, trailer, compressor, transformer, car radiator parts.
- Drums, valves, steel cabinets and tables.

Properties and Advantages:
- Fast drying
- Elastic.
- Good adhesion to metal surfaces
- Excellent coverage.
- Weatherproof

Mixing Ratio : Rapid thinner or cellulosic thinner 15-20%

Application Tools:
- Brush
- Roller
- Airmix Spray

Packaging: 12 kg-15kg metal bucket.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C or 35°C. Once a can has been opened, use as soon as possible.

Surface Preparation:
Metal Surfaces: The surface should be cleaned of from any materials decreasing adhesion strenght. Metal surfaces should be sanded with grade Sa2 ½ (ISO 8501-1 ,SSPC-SP10) at least. Than, should be primed with Rapid Primer in 6 hours. Topcoat application can be done 4-6 hours after primer. Surface temperature should be min. 3°C higher than the dew point. For the topcoat application, 24 hours should be passed between the application of the two layers.

Product Preparation: Stir briefly before the application by using a 300 rpm drill.

Mixing Ratio: Rapid thinner or cellulosic thinner 15-20%

Material Application:
Method of Application: It is applied on cleaned and damp surfaces with a brush or a brush, with or without primer. It is used by brush thinning with 10%, for spray application 15% with Rapid Thinner or Cellulosic Thinner.

Consumption: Approximately 250-300 gr / m² in a single coat.

Technical Properties

Resin Type		Styrene modified alkyd resin
Color		Ral Color See color catalog.
Brightness		Silk Matt
Brightness (gloss)		60 ASTM D-523
Solids (wt%)		65 ± 2 ASTM D-1353
Solids (% By Volume)		47 ± 2 ASTM D-6093
Viscosity (25 ° C, Ku)		100 ± 5 ISO 2431
Density (g / Ml)		1.36 ASTM D-1475
Adhesion Strength (class)		5B ASTM D-3359
Impact Strength (minimum kg.cm)		70 ASTM D-6905
Drying Time		
	Touch Dry	20-30 min
	Full Dry	24 hour
	Chemical Curing	7 day
Application Temperature		min +5 °C / max + 40 °C
The Specified Drying Time		is available in 23 C ambient temperature and 50 ± 2% relative humidity conditions.

M-COAT DECOR

Ready decorative plaster.

Product Description: Polymer emulsion based, line textured, trowel applied, coarse, ready mixed interior and exterior plaster.

Application Areas: On exterior mineral surfaces such as concrete, mortar, cement panel, etc., on previously painted surfaces and also on interior surfaces for decorative purposes.

Features:

- High water vapour permeability allowing building to breathe.
- Long lasting; resists to UV rays, rain, heat and frost, thus retains its original properties foryears without cracking, blistering and fading.
- Alkali resistant.
- Horizontal, vertical or circular line textures can be obtained by movements of trowel.
- Water resistant.
- Solvent free and practically odourless.
- Water thinnable and ecologically compatible.

Consumption:

Fine: 1,5-2,0 kg /m²
Medium: 2,0-2,5 kg/m²
Corse: 2,5-3,0 kg/m²
**The consumption may vary depending on the smoothness of the ground.*

Drying Time: Surface dry after 24 hours and thoroughly dry after 2-3 days. Lower temperatures and/or higher relative humidity will lengthen the drying process.

Application Temperature Range: (+5°C) - (+35°C)

Recommended Application Tools: Applied with steel trowel and decorated with plastic trowel.

Packaging: 20kg plastic pail.

Storage: It should be stored at 5-35 ° C in sealed containers which are not in direct sunlight. The mouth of the containers must be kept closed when not in use. It must be protected from frost.

Shell Life: 12 months.

Application Instructions:

- The substrate must be cleaned from dust, dirt, oil and old blistered coatings that may prevent good adhesion. The surface should be made sound, clean and dry. New cementitous substrates must be cured at least 28 days before application. All water insulation precautions should have been taken prior to application.
- Prime the surface with *M-STAR ASTAR* in the same color shade of the plaster.
- Mix *M-COAT DECOR* thoroughly, if required add clean water until it reaches application viscosity.
- Spread *M-COAT DECOR* evenly on the surface in the thickness of the grain size with plastic trowel.
- Texture by moving the trowel horizontally, vertically and roundly depending on the desired texture.
- Clean the tools with water.
- Ensure that the air and surface temperatures are above 5°C and the surface is rain free during application and 24 hours following the application.
- Do not apply in extremely hot weather, under glaring sun, during strong wind, fog, high relative humidity, imminent rain or frost.
- Hot surfaces should be dampened before application. In order to avoid differences in shades of color, products with the same charge number should be used. In the event products with different charge numbers are to be used, the entire required amount should be mixed prior to application.
- In order to avoid overlapping in large areas or after work pauses, masking tape should be used or an adequate number of applicators should be employed to apply the plaster wet-on-wet without interruptions.

Technical Properties (at 23°C and 50% RH)

General Data	
Colors	Available in colors of the exterior color chart.
Texture	Line and decorative textured
Composition	Polymer emulsion based
Thinner	Water
Density	1,80-1,85kg/m³
Performance Data	
Water Vapour Permeability SD (m) (TS EN ISO 7783-2)	Approx. 0.100
Water Absorption (kg/m² h0.5) (TS EN 1062-3)	0.100-0.500
Peeling Strength (KgF) (AFNOR T 30706)	> 2.5
Service Temperature	(-30°C) - (+80°C)
TS EN 1062-1: Classification	
Film Thickness	Class E5
Grain Size	Class S4
Water Vapour Transmission	Class V1
Liquid Water Permeability	Class W2
Crack Bridging	Class A0
Co2 Permeability	Class C0
Fungi and Algae Resistance	Class K2

TERMAL TP PAINT

Heay Insulation Paint.

Product Description: An acrylic copolymer binder based, water based, odorless, breathable matte smooth decorative plastic ceiling paint which can be easily applied, with high coverage strength and whiteness, leaves no brush traces, non splashing. The paint can be applied to any kind of plaster, dry wall, and lime surface. Crack, bubble and peel proof.

Surface Preparation and Application: The surfaces to be applied with paint must be free from dirt, oil, rust, grease, loose parts and other foreign materials. Before application,*M-STAR ASTAR* primer should be applied in a single coat with 150-200 gr / m2 consumption.Then the primer is allowed to dry for 4 hours. *HiTech TERMAL HEAT INSULATION PAINT* should be mixed thoroughly before use. For exterior applications, 3 full layers should be applied by a roller or brush without thinning the product. It should be applied as 1 coat and 2 coats according to color and covering feature in the interior applications. It is recommended to apply with an epoxy roll in the interior façade applications, where patterns are not desired. After the first coat dries, second and third coat applications should be done. Wait 3-4 hours between two coats.

Coverage Area:
1,2-1,5kg/ m² on exterior walls.
0,400-0,500kg / m2 in interior applications.

Drying Time: 20 ° C and 50% humidity environment, it should be 1 hour for dust retention drying, 2 hours for touch drying, 4 hours for the second layer application and 24 hours for full drying.

Heas Reflection Feature: *HiTech TERMAL HEAT INSULATION PAINT* has low thermal conductivity. Thanks to its special microspheres it provides heat insulation by reflecting a large part of the heat waves coming to the surface.Hitech Thermal Insulation Paint, by preventing heat bridges on walls and ceilings, thanks to 85% heat wave propagation, it reflects most of the heat on the interior and increases the temperature. It offers comfort and saving.In exterior applications, Hitech Thermal 85% reduces the cooling costs with the ability to reflect the sunlight, allowing you to spend the summer months cooler.

Health And Environmental Effects: After the walls are covered with *HiTech TERMAL*, the surface temperature increases and the possibility of moisture is eliminated, so that mold is prevented and healthy living conditions are provided.
The content of Volatile Organic Compounds (VOCs) is less than 0.1 g / l at HiTech Thermal and is 300 times lower than the maximum level permitted by the Restriction of Emissions of Volatile Organic Compounds.

Recommended Application Tools: Applied with roller and brush.

Packaging: 18kg plastic pail.

Storage: It should be stored at 5-35 ° C in sealed containers which are not in direct sunlight. The mouth of the containers must be kept closed when not in use. It must be protected from frost.

Shell Life: 12 months.

Technical Specifications: TSE K 127 Thermal Paints (Conforms To TS 5808 and TS 7847)	
Density	1,20±0,5 kg/m³
Brightness	MAT
Grain Size	≤20µm
Water Permeability Coefficient	2,4 kg/m².s.Pa
Steam Permeability Coefficient	0,10 kg/m².h0.5
Sunlight Reflection(sr) Astm E 903-12	89.20%
Heat Wave Propagation (ie) Astm C 1371-15	84.70%
Fire Reaction Class	Bs1d0 and EN 13501-1.
Drying Time	2 hours (1 coat and 23 ° C temperature) - Completely dry for 12 hours.

M-COAT DECO TERMAL

Heat insulation decorative plaster.
(COLORED)

Product Description: An acrylic copolymer binder based, water based, odorless, breathable matte smooth decorative expanded glass granulate coating which can be easily applied, with high coverage strength and colored, leaves no brush traces, non splashing. The coating decorative plaster can be applied to any kind of plaster, dry wall, and lime surface. Crack, bubble and peel proof.

Surface Preparation and Application: The surfaces to be applied with plaster must be free from dirt,oil, rust, grease, loose parts and other foreign materials. The surface should be primed with M-star primer (if possible, *M-STAR* should be requested in the same color) *HiTech DECO TERMAL* should be mixed thoroughly before use. For exterior applications, 1 layer should be applied by Trowel without thinning the product. 10-15 minutes after the application, the surface is decorated with a plastic trowel.

Thinning and Blendin Ratio: Ready , not need thining.

Coverage Area: 2,50-3,00 kg / m² on exterior walls. (Consumption may vary according to surface condition)

Drying Time: 20 ° C and 50% humidity environment, it should be 1 hour for dust retention drying, 2 hours for touch drying, and 24 hours for full drying.

Recommended Application Tools: Steel trowel and plastic trowel.

Packaging: 15kg plastic bucket.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Technical Specifications: TSE K 127 Thermal Paints (Conforms To TS 5808 and TS 7847)

Density	1,60±0,5 kg/m³
Brightness	MAT
Grain Size	≤20µm
Water Permeability Coefficient	2,4 kg/m².s.Pa
Steam Permeability Coefficient	0,10 kg/m².h0.5
Sunlight Reflection(sr) Astm E 903-12	89.20%
Heat Wave Propagation (ie) Astm C 1371-15	84.70%
Fire Reaction Class	Bs1d0 and EN 13501-1.
Drying Time	2 hours (1 coat and 23 ° C temperature) - Completely dry for 12 hours.
Application Tool	Trowel

ELAST

Water based paint and insulation andcrack covering Coating Material.

Product Description: Water based, anionic vinyl modified acrylic resin based ruber reinforced, elastic exterior material. Silk matte gloss and decorative. It is a material that is resistant to moisture, sea water, weak chemical solution, does not keep bacteria and mold, is extremely cold and sun resistant, titrostopik looking material. Its elasticity prevents cracks and shrinkage cracks. In addition to water impermeability, it is one of the best properties to remove the moisture vapor formed by the wall and the building for various reasons.

Scope of Application: It is an acrylic based single component riding waterproofing material containing elastomeric resin which is used to create an elastic insulation layer in waterproofing of the inclined horizontal surfaces and exterior surfaces of the buildings which are not walked on the buildings in the positive direction. It can be applied on wide surface, multi point sloping gutters, terraces and balconies, plaster covered building facades, roof gutters and concrete, wood, metal and eternite surfaces.

Features:

- Operation is ready.
- Solvent free.
- Resistant to UV rays and weather conditions.
- It is permanently elastic.
- It is not affected by aging.
- Easy and fast application.
- Breathes.
- Can be painted.

Consumpiton: 0,800-1,100kg / m² depending on pattern structure and application tool .

Packaging: 10kg, 18,5kg(15L) plastic bucket.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Application: The surface should be dry, clean and inclined to allow water flow. Deep cracks must be filled with Acrylic Mastic. Prior to insulation, *Hitech ELAST* mixture prepared by thinning with % 20-30 weight of water should be primed and prepared for surface coating. No Water should be thoroughly mixed before use. *HiTech ELAST* is applied to the primed surface with roller or brush until the surface is completely covered. A uniform film thickness of at least 1 mm in thickness should be provided when it is dry for a smooth and suitable surface. *Hitech ELAST* should be applied in 2 layers in such a way that each floor is driven perpendicularly to each other and one floor must not be completely dry before the other floor. It must be protected from rain and frost for the first 24 hours after application. Tools can be cleaned with water immediately after application.

Technical Specifications

Density	1,20-1,25 kg/m³
Tensile Strenght	6,5N/mm² (23°C-DIN53455)
Elasticy	%100-200 (+3°C DIN 53455)
pH Value	8-10
Resistance of Temperature	-40°C + 70°C
Application Temperature	The material should not be applied below +5°C
Storage	12 months
Flash Point	Nonflammable
Healt&Safety	Contains no solvents
Surface Drying Time	4-5 hours (under normal climatic conditions)
Color	White and colored

ELASTICOTE FC

Acrylic based ,
floor and roof coating material.

Product Description: Water based, anionic vinyl modified acrylic resin based ruber reinforced, elastic floor and roof coating material. Silk matte gloss and decorative. It is a material that is resistant to moisture, sea water, weak chemical solution, does not keep bacteria and mold, is extremely cold and sun resistant, titrostopik looking material. Its elasticity prevents cracks and shrinkage cracks. In addition to water impermeability, it is one of the best properties to remove the moisture vapor formed by the wall and the building for various reasons.

Scope of Application: It can be applied on roofs with large surfaces, sloping roofs with multiple junction points, terraces and balconies, roof gutters and concrete, wood, metal and eternite surfaces, pedestrian walkways, light vehicle car parks, factory floor surfaces.

Features:

- Operation is ready.
- Solvent free.
- Resistant to UV rays and weather conditions.
- It is permanently elastic.
- It is not affected by aging.
- Easy and fast application.
- Breathes.
- Can be painted.

Consumpiton: 1,000-1,100kg / m² depending on pattern structure and application tool. (2 layer)

Packaging: 20kg plastic bucket.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Application: The surface should be dry, clean and inclined to allow water flow. Deep cracks must be filled with Acrylic Mastic. Prior to insulation, *Hitech ELASTICOTE FC* mixture prepared by thinning with % 25-30 weight of water should be primed and prepared for surface coating. No Water should be thoroughly mixed before
use. *Hitech ELASTICOTE FC*is applied to the primed surface with roller or brush until the surface is completely covered. A uniform film thickness of at least 1 mm in thickness should be provided when it is dry for a smooth and suitable surface. *Hitech ELASTICOTE FC* should be applied in 2 layers in such a way that each floor is driven perpendicularly to each other and one floor must not be completely dry before the other floor. It must be protected from rain and frost for the first 24 hours after application. Tools can be cleaned with water immediately after application.

Technical Specifications

Density	1,30-1,35 kg/m³
Tensile Strenght	6,5N/mm² (23°C-DIN53455)
Elasticy	%80-100 (+3°C DIN 53455)
pH Value	8-10
Resistance of Temperature	-40°C + 70°C
Application Temperature	The material should not be applied below +5°C
Storage	12 months
Flash Point	Nonflammable
Healt&Safety	Contains no solvents, unhazardous for human health
Surface Drying Time	4-5 hours (under normal climatic conditions)
Color	White and colored

FLOOR PAINT AB

It is an alkyd based, air drying, with chlorine rubber, matte, floor coating paint with excellent adhesion.

Product Description: It is an alkyd based, air drying, modified with chlorine rubber cooling, matte, flor coating paint with excellent adhesion.

Scope of Application: It can be applied in hygienic storage areas, ceramic surfaces, terraces and balconies, concrete, wood, metal and eternite surfaces, pedestrian walkways, car wash areas, light vehicle parking lots, factory floor surfaces.

Features:

- It is ready to use.
- Resistant to UV rays and outside weather conditions.
- High strength.
- It is not affected by aging.
- Easy and fast application.
- It takes breath.
- High abrasion resistance.

Consumpiton: 0,800-1,00kg /m²
Perform a controlled sample run to estimate the precise consumption.

Thinning: Cellosic thinner.

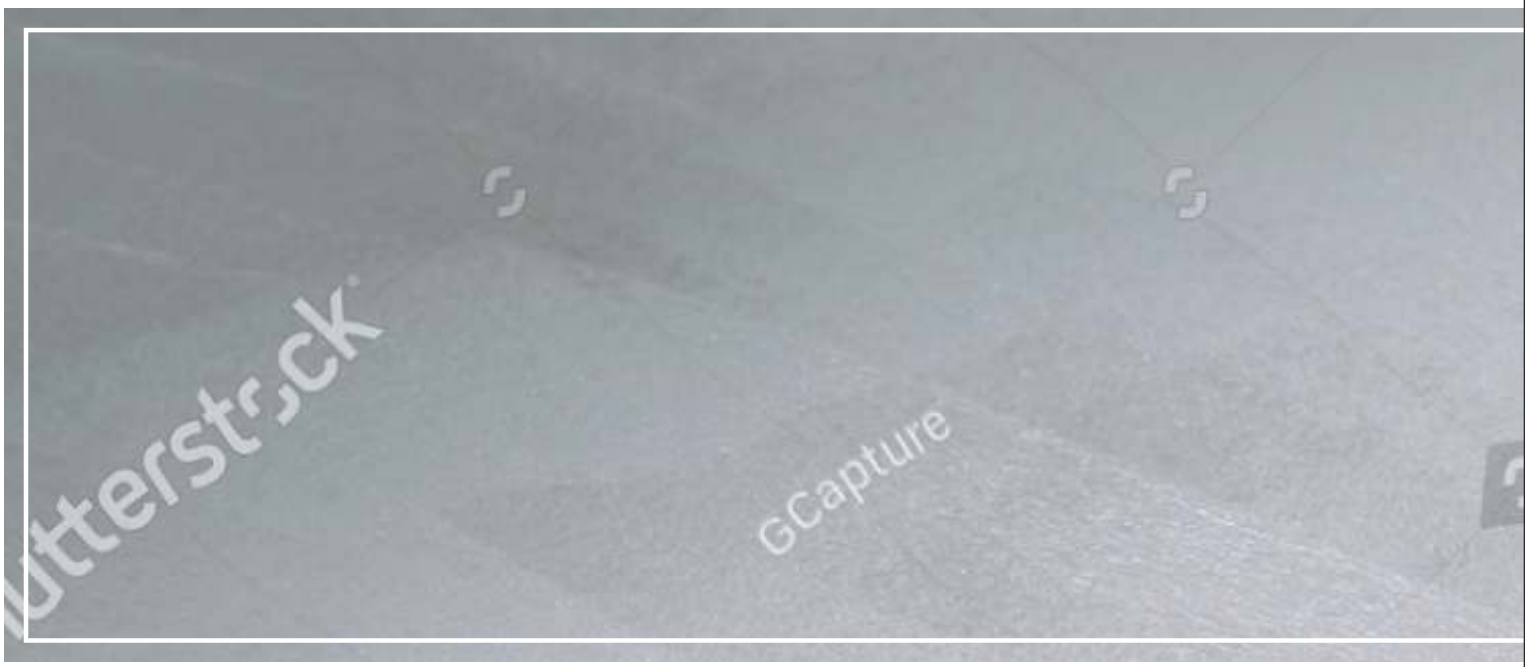
Drying Time (@ 23°C, 65% RH) : Touch dry time is 20-25 minutes at 350 micron thickness and 23°C, and thorough drying period is 50-60 minutes (drying time may increase under higher relative humidity and lower temperature).

Packaging: 15kg plastic pail.

Storage: Can be kept for minimum 12 months in the original and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Method of Application: All kinds of oil, dirt and swollen materials on the surface should be cleaned by mechanical or chemical methods and the surface should be completely dry. It is mixed thoroughly before use and thinned with Industrial Thinner at the rate of 10-15% by volume, depending on the area of use. It is applied to concrete and asphalt surfaces with special spraying tools or spray gun. It can be applied with a brush or a roller. It is applied to the surface as a single layer. If two coats are to be applied, at least 6 hours should be waited between coats.

Technical Specifications	
Density	1,40-1,45 kg/m³
Tensile Strenght	6,5N/mm2 (23°C-DIN53455)
Elasticy	%10-15 (+3°C DIN 53455)
pH Value	8-10
Resistance of Temperature	-40°C + 70°C
Application Temperature	The material should not be applied below +5°C
Storage	12 months
Flash Point	Nonflammable
Healt&Safety	Contains no solvents, unhazardous for human health
Surface Drying Time	1-2 hours (under normal climatic conditions)
Color	White and colored



FLOOR PAINT WB

Modified acrylic based , high resistance floor paint

Product Description: Water-based, cross-link modified acrylic resin-based, high-strength floor paint with enhanced abrasion resistance, improved adhesion strength, decorative silk matte gloss, resistant to moisture, sea water, weak chemical melts, bacteria and mold-proof, extremely cold and sun resistant, It is a titrostopic looking material,It can be wiped with detergent and soapy water.

Scope of Application: It can be applied in hygienic storage areas, ceramic surfaces, terraces and balconies, concrete, wood, metal and eternite surfaces, pedestrian walkways, car wash areas, light vehicle parking lots, factory floor surfaces.

Features:

- It is ready to use.
- Does not contain solvent.
- Resistant to UV rays and outside weather conditions.
- High strength.
- It is not affected by aging.
- Easy and fast application.
- It takes breath.
- High abrasion resistance

Consumption: 0,400-0,600kg / m² depending on pattern structure and application tool (primer+2 layer).

Packaging: 15kg plastic pail.

Storage: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C-25°C. Once a can has been opened, use as soon as possible.

Application: The surface should be dry, clean and inclined to allow water flow. Deep cracks should be filled with Acrylic Sealant. Priming should be made with HiTech Floor Paint HR mixture prepared by diluting with 10% water by weight before application and ready for surface coating. Hitech Floor Paint WB should be mixed thoroughly before use. Hitech Floor Paint WB is applied on the primed surface by roller or brush until the surface is completely covered. Hitech Floor paint HR should be applied in 2 coats so that each coat is applied perpendicular to each other and the other coat should not be applied before one coat is completely dry. It should be protected from rain and frost for the first 12 hours after the application. Tools can be cleaned with water immediately after application.

Technical Specifications

Density	1,15-1,20 kg/m³
Tensile Strenght	6,5N/mm2 (23°C-DIN53455)
Elasticy	%10-15 (+3°C DIN 53455)
pH Value	8-10
Resistance of Temperature	-40°C + 70°C
Application Temperature	The material should not be applied below +10°C
Storage	12 months
Flash Point	Nonflammable
Healt&Safety	Contains no solvents, unhazardous for human health
Surface Drying Time	1-2 hours (under normal climatic conditions)
Color	White and colored

ASPHALT PAINT TB

Product Description: It is an termoplastic acrylic based, air drying, matte, road marking and marking paint with excellent adhesion.
Features: Resistance to weather conditions, friction, sunlight and atmospheric effects is one of its superior features. It has yellow and white stock colors and can be produced in different colors.
Area of Use: It is applied on highways, airport runways, parking areas, asphalt, light vehicle garages, concrete and thin plastered surfaces.
Consumpiton :
0,400-0,500kg /m2 by airless
0,200-0,300kg/m2 br rullor
Perform a controlled sample run to estimate the precise consumption.
Thinning: Cellosic thinner.
Drying Time (@ 23°C, 65% RH) : Touch dry time is 20-25 minutes at 350 micron thickness and 23°C, and thorough drying period is 50-60 minutes (drying time may increase under higher relative humidity and lower temperature).
DENSITY (Liquid Component): 1,60 – 1,65 KG/L PH: 7 – 10 (mixture)
Packaging: 20kg plastic pail.
Storage / Conditions / Shelf Life: 24 months from date of production if stored properly in unopened and undamaged original sealed containers at temperatures between +5°C to +35°C at dry conditions. Protect from excessive temperature and frost.

Method of Application: All kinds of oil, dirt and swollen materials on the surface should be cleaned by mechanical or chemical methods and the surface should be completely dry. Road Line Paint is mixed thoroughly before use and thinned with Industrial Thinner at the rate of 10-15% by volume, depending on the area of use. It is applied to concrete and asphalt surfaces with special spraying tools or spray gun. It can be applied with a brush or a roller. It is applied to the surface as a single layer. If two coats are to be applied, at least 6 hours should be waited between coats.
Depending on the type, absorbency and structure of the *(*) Since the consumption amount may vary depending on the surface, air temperature, application conditions, thinning rate and application thickness, the specified consumption rates are for suggestion purposes. A controlled sample study should be carried out for exact consumption.*
Flash Point: Includes liquids that do not mix in water in any way or proportion and that emit flammable vapors between 21° C - 50° C temperatures.
Drying Time: (20 ° C 65% relative humidity)
Touch Drying: 10-15 minutes.
Opening Time to Traffic: 30-60 minutes.
Hard Dry: 2-3 hours.

ASPHALT PAINT 2C

Product Description: Two component,It is an alkyd based, air drying, modified, matte, road marking and marking paint with excellent adhesion.
Features: Resistance to weather conditions, friction, sunlight and atmospheric effects is one of its superior features. It has yellow and white stock colors and can be produced in different colors.
Area of Use: It is applied on highways, airport runways, parking areas, asphalt, light vehicle garages, concrete and thin plastered surfaces.
Drying Time(@ 23°C, 65% RH): Touch dry time is 30-45 minutes at 350 micron thickness and 23°C, and thorough drying period is 90-120 minutes (drying time may increase under higher relative humidity and lower temperature).
Packaging: 25 kg+0,10kg metalic pail.
Storage: 24 months from date of production if stored properly in unopened and undamaged original sealed containers at temperatures between +5°C to +35°C at dry conditions. Protect from excessive temperature and frost.
Method Of Application:
Surface Preparation Information: Before the application of Hitech Aspalt Paint 2C Structured, the area should be dry and away from dust, grease, and other dirt. Road surface temperature should be higher than 5 °C. Application Information: The paint is mixed with %0,4-% 0,5 hardener according to the temperature. After getting a homogenous mixture, it is applied to the surface with suitable equipments. The glass beads are emptied on the paint to increase retroreflecting effect. After a while, if the glass beads on the surface are moved, the paint keeps its reflective properties by the glass beads in it. The road can be opened to the traffic in 45-90 minutes after application. The mixture must be used in 5-7 minutes. This product can be applied in 2mm. and 10mm. without any additive material.

Paint and Glass Beads Consumptions

Film Thickness(mm)	Consumption (g/m²)
1	1940
1,5	2910
2	3880
3	5820
5	9700

Note: The values in the table are theoretical values. Consumption amount can be changed according to the surface and weather conditions.

Technical Specifications

Viscosity (Daniel)	10±1
Density	2,00g / ml. ± 0,05
Solid (by weight) [%]	80±2
Luminance Factor	Lf6 / > 0,80
Skid Resistance	Class S2 (SRT > 50)

M-STAR ASTAR

Product Description: A high quality, acrylic resin based, highly alkali resistant, water based, environmentally friendly primer for interior and exterior use. Penetrates perfectly into the surface, spreads homogeneously and reduces consumption of top coat paint by 15-20% due to its special formula. Suitable for use on interior and exterior surfaces, new cured concrete, plaster and gypsum boards.
Coverage Area: When 1 kg of the product is thinned and, a 5-7 sqm area may be primed depending on the absorbency of the surface.
Thinning and Blending Ratio: %25-30 thin with water.
Drying Time: Fully dries in 18-24 hours at 50% relative humidity.
Recommended Application Tools: Apply with a roller and a brush.
Packaging: 17kg plastic pail.
Storage / Conditions / Shelf Life: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C to 35°C . Once a can has been opened, use as soon as possible.

Technical Specifications

Resin type	Acrylic Emulsion
Color	White
Solid %(by wight)	45-47
Solid%(by volume)	27-29
Viscosity	8000-10000
Density	1,5-1,6
pH	8,0-9,0

M STAR ASTAR-P

Penetrating primer.

Product Description: It is an acrylic resin based, high quality, water based, environmentally friendly primer with high quality, developed for special applications. Thanks to its special formula, it perfectly penetrates the surface, increasing the adhesion strength of the surface to the surface. It is suitable for use on interior and exterior walls, newly cured concrete surface, ceramic surfaces, plaster, plasterboard etc.
Thinning and Blending Ratio: %5 thin with water.
Coverage Area: When 1 kg of the product is thinned and, a 5-6 sqm area may be primed depending on the absorbency of the surface.
Drying Time: Fully dries in 8-10 hours at 50% relative humidity.
Recommended Application Tool: Apply with a roller and a brush.
Packaging: 15kg plastic pail,10kg plastic can.
Storage / Conditions / Shelf Life: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C to 35°C . Once a can has been opened, use as soon as possible.

Technical Specifications

Resin type	Acrylic Emulsion
Color	Whitish
Solid %(by wight)	50-55
Solid%(by volume)	40-45
Viscosity	8000-10000
Density	1,1-1,2
pH	8,0-9,0

CORSE PRIMER

Exposed concrete primer.

Product Description: Polymer reinforced resin based plaster a primer. Surface of cement and especially plaster based plasters increase adherence, working time and workability.
Scope of Application: Cement based gypsum plaster mortars to increase adherence to concrete concrete surfaces;
• As a primer for ceiling plasters,
• As plaster lining on ceiling ceiling,
• Gypsum plaster and cement based plaster primer on OSB Used as.
Features and Benefits: Material shall be exposed to gross concrete surfaces, walls and Can be used in ceilings. Cement and especially gypsum based surface adherence, working time and increases workability.
Thinning and Blending Ratio: May be diluted with water by a ratio of 20% to 30%.
Coverage Area: 0,250kg/m2
Drying Time: The paint is hard-dry in 1 to 3 hours.
Recommended Application Tool: Interior, exterior roller and brush.
Packaging: 12kg, 15kg plastic pail.
Storage / Conditions / Shelf Life: Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5°C to 35°C . Once a can has been opened, use as soon as possible.

Technical Specifications

Resin type	Acrylic Emulsion
Color	White and color
Density	1,80kg/lt

momentum

Chemical and Construction Materials

"Chemical effect of passion"

momentum
Chemical and Construction Materials

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