

## Technical Bulletin – StuccoTex 80 / 280

### Product Description

ThermoShield StuccoTex is a textured lightweight plaster ready for use. It is based on the thermal ceramic coating technology

StuccoTex 80 grain thickness approx. 1.0 mm

StuccoTex 280 grain thickness approx. 2.0 to 2,8 mm

### Ingredients

polyacrylate- dispersion, titanium dioxide, zinc oxide, kaolin, calcium carbonate, silicates, water, propylene glycol, cellulose, preservatives

### Product Group/ GIS-Code

Micro silicates, BSW10

### Area of application

ThermoShield StuccoTex is a resistant textured lightweight plaster suitable for use on almost all exterior surfaces to create decorative finishes. The special composition of ThermoShield StuccoTex, provides a wide range of energetic application areas for thermal shielding both in summer and in winter.

### Product Properties

Variable diffusion, high resistance to aggressive environmental influences such as smog und ozone, low emissions, free of solvents, high UV- and weather resistant, reflective, very high color resistance, thermally comforting. Regulates humidity on permeable surfaces.

#### Material data

- sd-values according to DIN 52615
- dry area: sd = 1,3
- wet area: sd = 0,42
- density 0,85 kg/dm<sup>3</sup> according to ISO 2811-1

### VOC ordinance (EG)

Limit value of 01.01.2010 for water based (Wb) coating material (Prod.-Cat. c) for exterior walls of mineral building material = 40 g/l.

This product contains < 5 g/l VOC.

### Application information / Surface

StuccoTex can be applied to all sound, clean, dry, rust-free and grease- free surfaces such as metals, wood, synthetics, old and new plasters and intact previously painted surfaces. A preamble surface is recommended to guarantee energetic features.

### Surface preparation

Raw plaster surfaces, plastering spots:  
clean, fluatate and prime with ThermoShield StuccoPrimer

Wood material/new:  
prime with ThermoShield StuccoPrimer

Synthetics:  
analyze ability of adhesion

Non-workable previous coating:  
depending on coating, remove by washing, acid cleaning or with high-pressure or hot steam cleaner

Workable previous coating:  
prime with ThermoShield StuccoPrimer

Adhesion-interfering surfaces:  
wash, buck, grind

strong absorbent mineral surfaces:  
prime with ThermoShield FixPlus intermediate coat with ThermoShield StuccoPrimer

### Application

The application is done by airless spraying by using a hopper gun or a suitable screw conveyor with a nozzle size of 4 mm and a pressure of 3,5 bar. The material can be adjusted to needed processing viscosity with water. To achieve a smooth structure it is to ensure a homogeneous spray direction, spray distance and material coating. StuccoTex in the graining 280 can also be applied with a high-grade steel trowel and smoothen/skimmed to grain size with light pressure (do not rub). To avoid visible joints, apply plaster wet in wet. If required StuccoTex can be paint over with ThermoShield Exterieur. A one-time coating is sufficient in this application.

Before processing and after interruption for a longer period of time stir the material thoroughly (stirring device with a right-handed spiral stirrer). During processing attention must be paid to air- and object-temperatures over 5 degrees Celsius. This also applies for the total period of drying.

The coating film is post cross-linked through natural UV radiation (daylight) and receives thereby its sufficient block resistance only after several days, depending on layer thickness and climatic conditions.

The drying period between the applications is 12 hours.

### Consumption

The spreading capacity of ThermoShield StuccoTex is approximately 1,5 kg/m<sup>2</sup> regarding an effective coat thickness on smooth surfaces of low porosity. The spreading capacity will vary according to the structure and porosity of the surface. If in doubt, a small trial-test area should be applied first.

### Cleaning of tools

Rolls, brushes and spray equipment are to be washed out with water thoroughly immediately after usage.

### Colours

ThermoShield StuccoTex can be tinted in pastel shades.

**Please check color shade before application.**

### Storage and Transport

StuccoTex should be stored and transported cool, but frost-protected. Once opened, close containers firmly and apply as soon as possible. Storable from date of manufacture: 12 months.

### Volume of Supply

15 kg  
Differing pack sizes available on request.

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### Disposal

Do not empty into canalization, watercourses or the ground. Only completely emptied containers should be disposed for recycling. Please turn part-used products to the collection point in charge.

Non-hazardous waste code according to EU-list of wastes: 080120

### Safety Notice

The content of the technical bulletin manifests no contractual legal relation. In any case, the applicant /customer must consider the material's utilizable under practical conditions before application. Do not allow to enter canalization, watercourses or the ground. Keep away from food, drinks and feeding stuff. Keep out of the reach of children. Protect surfaces not to be treated by taking appropriate measures. Avoid contact with skin and eyes. Where applying with spraying method, avoid the inhalation of emerging dust. Before-mentioned information becomes invalid at release of a new technical bulletin due to product improvement. Before-mentioned information was identified by SICC Coatings GmbH in laboratory and practice as guideline values. The product information is given to the best of our knowledge and according to the current state of technology. Environmental influences, materials, application equipment and applications methods are beyond our control and therefore out of our responsibility. SICC©2018

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Plaster with organic binder for use on outdoor surfaces

|                               |   |
|-------------------------------|---|
| Water vapor permeability      | V <sub>2</sub> medium   |
| Water absorption              | W <sub>3</sub> low  |
| Adhesion                      | ≥0,3 MPa  |
| Durability (frost resistance) | Transmission rate to EN 1062-3<br>≤0,5 kg / (m h <sup>0,5</sup> ) |
| Heat conductivity             | none detected   |