

Technical Bulletin: **StuccoTex**

Product description

StuccoTex is a textured lightweight plaster ready for use. It is based on the Reflective Membrane 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

BSW20

The information in the current safety data sheet apply.

Scope of application

StuccoTex is a resistant light-textured plaster for almost all smooth exterior surfaces to create decorative surfaces. The special composition of *StuccoTex*, provides a wide range of energetic application areas for thermal shielding both in summer and in winter.

Product specific 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, high colour 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/dm³ according to ISO 2811-1

VOC Regulation (EC)

Limit value from 01.01.2010 for coating materials (prod.-cat. I) for wood-, metal- or synthetic materials for buildings, its components and decorative building components (inside and outside) = 200 g/l.

This product contains < 5 g/l VOC.

Processing note

StuccoTex can be applied on all smooth, load bearing, clean, dry, rust- and grease-free surfaces such as new and old plasters, intact old coatings, metal and plastics. A permeable surface is recommended to guarantee energetic features.

Substrate preparation

Raw smooth plaster surfaces, plastering spots:
clean, fluate and prime with *StuccoPrimer*

Non-workable previous coating:

depending on coating, remove by washing, acid cleaning or with high-pressure or hot steam cleaner.

Smooth load-bearing old coating:

prime with *ClimateCoating® StuccoPrimer*

Adhesion-interfering surfaces:

wash, buck, grind

Application

The application is carried out on smooth surfaces by spraying 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 *ThermoProtect*. A one-time coating is enough for this application.

Before processing and after interruption for a longer period 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 the adequate 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 *StuccoTex* is approximately 1,5 kg/m² for 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

Equipment and spray equipment are to be washed out with water thoroughly immediately after usage.

Colours

StuccoTex can be tinted in pastel shades.

Please check colour 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.

Delivery form

15 kg

Other cask sizes available on request.

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

Security 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 drains, water courses or soil. Keep away from food, drinks and feeding stuff. Keep out of the reach of children. Protect surfaces not to be treated by taking appropriate measure. 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 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 application methods are beyond our control and therefore out of our responsibility. SICC©2020



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Water vapor permeability	V ₂ medium
Water absorption	W ₃ low
Adhesion	≥0,3 MPa
Durability (frost resistance)	Transmission rate to EN 1062-3 ≤0,5 kg / (m h ^{0.5})
Thermal conductivity	none detected
Fire behaviour	Euro-Class E