

TECHNICAL DATA SHEET **StuccoTex**

Product Description

StuccoTex is a ready-to-use structural lightweight plaster based on 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

StuccoTex is a resistant structural lightweight plaster for almost all smooth surfaces in outdoor areas to create decorative surfaces. Due to the special composition of StuccoTex, there are a number of energetic applications, in summer and winter thermal insulation.

Scope of application

Variably permeable to diffusion, high resistance to aggressive environmental influences such as smog and ozone, low emission, solvent-free, high UV and weather resistance, reflective, very high colour fastness, thermally reassuring. Regulating moisture on sorption/diffusion-capable substrate.

Product-specific properties

Variably permeable to diffusion, high resistance to aggressive environmental influences such as smog and ozone, low emission, solvent-free, high UV and weather resistance, reflective, very high colour fastness, thermally reassuring. Regulating moisture on sorption/diffusion-capable substrate. Material characteristics

sd values according to DIN 52615

Drying range: sd = 1.7

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 (product cat. I) for wood, metal or plastics for buildings, their components and decorative components (interior and exterior) = 200 g/l.

This product contains < 5 g/l of VOC.

Processing instructions

StuccoTex can be applied to all smooth, load-bearing, clean, dry, rust- and grease-free substrates such as new and old plasters, intact old paints. To ensure energetic properties, a diffusion-open substrate must be ensured.

Substrate preparation

Plastics:

Raw, smooth plaster surfaces, finishing areas:

Clean, fluate and prime with ClimateCoating® StuccoPrimer

Non-load-bearing old coatings:

Depending on the coating material, wash off, strip or remove with high-pressure or superheated steam cleaners, prime with ClimateCoating® StuccoPrimer

Substrates that interfere with adhesion:

washing, lying, sanding, priming with ClimateCoating® StuccoPrimer

Absorbent mineral substrates:

priming with ClimateCoating® FixPlus and priming with ClimateCoating® StuccoPrimer

Processing

Processing is carried out by spraying using a rotary 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 the desired processing viscosity with water. To achieve a uniform structural appearance, care must be taken to ensure uniform spraying direction, spraying distance and material application.

StuccoTex in grit 280 can also be applied with a stainless steel trowel and smoothed under light pressure to grain thickness (do not rub). To avoid build-up, apply the plaster wet on wet.

If required, StuccoTex can be painted over with ThermoProtect. A single coat of paint is sufficient for this application. Before processing and after longer interruptions in work, the material must always be stirred thoroughly (mixer with right-hand coiled stirring rod). During processing, it is also important to ensure that the air and object temperature is not below +5°C. This also applies to the entire drying period.

The coating film is re-crosslinked by natural UV radiation (daylight) and thus only acquires sufficient block strength after a few days, depending on the layer thickness and climatic conditions.

The drying time between each coating cycle is 12 hours.

Consumption

The consumption of StuccoTex is approx. 1.5 kg/m² for an effective layer thickness on smooth, non-absorbent substrates.

The consumption quantities depend on the structure and absorbency of the substrate and, if necessary, must be determined by a test coat.

Cleaning the tools

Rinse rollers, brushes, tools and sprayers thoroughly with water immediately after use.

Shades

StuccoTex can be dyed in pastel shades.

The colour must be checked before processing

Storage and transport

Store and transport StuccoTex in a cool, but frost-free place. Close the opening containers well and process them as soon as possible. Can be stored from the date of manufacture: 6 months.

Delivery form

15 kg

Other container sizes on request.

Disposal

Do not allow product residues to get into the sewer system, water or soil.

Only empty containers should be recycled. Drop off product residues at the responsible collection points.

Waste code no. 080120 according to the EU Waste Register.

Safety instructions

The content of the technical data sheet does not express a contractual legal relationship.

In any case, the processor / buyer must check the usability of the material under practical conditions before application.

Do not allow to get into sewers, water or soil. Keep away from food, drink and feed. Protect from access by children. Areas that are not to be treated must be protected by suitable measures. Protect eyes and skin from splashes. Do not inhale the resulting spray mist when using the spray process.

With the publication of a new technical data sheet, due to the product improvement, the above information loses its validity.

The information provided was determined by SICC Coatings GmbH in the laboratory and practice as a guideline. The product information is provided to the best of our knowledge and corresponds to the current state of the art. Environmental influences, materials, application equipment and application techniques are beyond our influence and therefore beyond our responsibility. SICC© 2020

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EN 15824

Plaster with organic binders for external use

Water vapour permeability	V ₂ medium
Water absorption	W ₃ low
Adhesion	≥0,3 MPa
Durability (frost resistance)	Permeability rate according to EN 1062-3 ≤0,5 kg/(m·h ^{0,5})
Thermal conductivity	No performance determined
Fire behaviour	Euroclass E