☑ GUTEX® Combi-Silikonharzputz Data Sheet

Silicone resin render for exterior use

(A system component in GUTEX Thermowall based composite thermal insulation systems)

Product Features and Advantages

– Superior weather resistance

– High water vapour permeability

– High water retentivity

– Excellent bonding to GUTEX Klebe- und Spachtelputz mortar

– Resistant to mechanical forces, impact. etc.

Description and Materials

GUTEX Combi-Silikonharzputz, a hydraulic setting final rendering, has been specially engineered for use in GUTEX Thermowall stucco/render systems.

Composition:

As per VdL guidelines for architectural paint, latex, silicone resin emulsions, titanium white, calcium carbonates, aluminium hydroxides, diatomites, silicate extenders, water, aliphatic compounds, glycol ethers, additives and preservatives

vapor diffusion μ: 35-40

thermal conductivity: 0.7 W/mK

waterpermeability rate w: < 0.05 kg/m²h^0,5

Applications

GUTEX Combi-Silikonharzputz is intended for use as a final rendering coat in GUTEX Thermowall-based thermal insulation systems and for application over all suitable and suitably prepared substrates.

Intended areas of use:

Exterior

Instructions

Substrate:

The substrate surface must be intact, clean and free of efflorescence and solvents. Damp, insufficiently hardened or set substrates may cause blistering, cracking, etc. in subsequent coat applications.

Substrate preparation

Check existing coats for suitability. Remove surface coatings that are not suitable for bonding.

Preparing the material for use:

Add as little water as possible to achieve the desired viscosity for the specific requirements. Stir well before using. The viscosity must be adjusted for specific machine/pump. In general, more intense colours usually require less water to attain the required viscosity. If too much water is added, both the application of the product and the product's qualities will suffer, e.g. poorer coverage, weaker colour intensity, etc.

Application:

Suitable for manual or machine application.

Apply GUTEX Combi-Silikonharzputz with a stainless steel towel, uniformly applying and smoothing to grain thickness.

Texture with hard plastic trowel or plastic plastering float. Use a wood plastering float to texture 3 mm grain render. The product is suitable for spraying with a hopper type spray gun or other equipment commonly used for the application of final coat plaster.

Tools and equipment, technique and substrate all have a significant effect on the quality of the outcome. The tools described here are suggestions.

Equipment cleaning:

Clean and rinse with water after use.

Application temperature:

Lowest substrate and ambient temperature is +5° C. Do not apply, if frost is expected overnight or the substrate temperature is below freezing.

Pot life:

At +20° C, approx. 60 minutes

Curing:

GUTEX Combi-Silikonharzputz dries via evaporation. Allow 14 days for the material to completely cure. Unfavourable conditions may slow the curing process.

Suitable precautions are to be taken to protect both the substrate prior to application and freshly applied material from the weather (e.g. against rain).

Refurbishment:

GUTEX Combi-Silikonharzputz may be painted with GUTEX Combi-Mineralfarbe/-PV after prior cleansing (if cleaning is required).

Coverage:

Depending on the condition of the substrate:

1.5 mm grain:

scraped finish: approx. 2.3 kg/m²

2.0 mm grain:

scraped finish: approx. 3.0 kg/m²

3.0 mm grain:

scraped finish: approx. 4.3 kg/m²

Additional Information

Colour:

GUTEX Combi-Silikonharzputz is available in natural white and tinted. Due to the chemical hardening process in conjunction with variable weather and building conditions, GUTEX cannot guarantee the trueness of the colour and abscence of mottling.

Universal tinting (luminosity ≥ 20)

Packaging unit:
Tub

Storage/Shelf life:
Store properly sealed and avoid exposure to freezing temperatures, heat and direct sunlight.
To maintain the best quality until the expiration of the specified shelf life, store this product in its original container. The shelf life expiration date appears in the batch code:
Digit 1= final digit of the year, digits 2 & 3 = calendar week
Example: 1450013223 - shelf life expires at the end of the 45th week in 2011

Transport:
No special precautions or instructions necessary. Special labelling/marking not required.

EMAS
DIN EN 14001:2005
Verified Environmental Management
Cert. No. 010205GUTEX0 0

GUTEX Wood Fibre-board Plant
Z-33.47.660
Z-33.43-942

MPA

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