

GUTEX® Combiputz Data Sheet

Mineral based, final rendering for interior and exterior use

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

Product Features and Advantages
<ul style="list-style-type: none"> – Superior weather resistance – Water vapour permeable – High water retentivity – Excellent bonding to GUTEX Klebe- und Spachtelputz mortar – Resistant to mechanical forces, impact. etc. – Superb plasticity – GUTEX Combiputz dries without cracking – Well-suited for use with power equipment, mixers, spray systems, etc.
Description and Materials
GUTEX Combiputz, a hydraulic setting mortar in the Mörtelgruppe (mortar class) P II as per DIN 18550, has been specially engineered for use in GUTEX Thermowall stucco/render systems.
Binder:
White cement and calcium hydroxide
Additives:
Limestone, quartz, marble sand
Admixtures:
Additives to improve water retentivity and bonding
Batch water:
Pure water without additives
Applications
GUTEX Combiputz 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:
Interior and exterior
Instructions
Substrate:
Substrate temperature must be above freezing and the substrate surface must be even, intact and free of any residues that could prevent effective bonding. Moreover, the substrate surface must be uniformly dry at the time of application.
Preparation for use:
Mix 25 kg of GUTEX Combiputz mortar with approx. 7 l of clean water, making sure there are no lumps. Wait 5 minutes and stir again, adding water to adjust the mixture to specific conditions and workability requirements. Do not allow hardened or dried material to be remixed into the mixture.

Application:
Apply GUTEX Combiputz mortar with a stainless steel trowel, serrated trowel or final coat spray system.
Water mixture must be adjusted for specific machine/pump. Tools and equipment, technique and substrate all have a significant effect on the quality of the final result.
Floating/scratch finish/rendering:
Apply, smooth and texture with a plastic trowel, foam rubber disc or wooden plastering float to a coat thickness not exceeding grain thickness.
Combed finish:
Apply and smooth to grain thickness. Texture with hard plastic trowel.
Equipment cleaning:
Clean and rinse with water after use.
Application temperature:
Highest substrate and ambient temperature is 30°C and the lowest 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
Hardening:
The hardening lasts 1 day/mm depending on weather conditions. Higher relative humidity or lower temperatures will slow down the hardening process. Protect GUTEX Combiputz from quick drying, exposure to intense sunshine or wind. (Threat of cracking, absorptive surface, insufficient hardening and bonding)
Refurbishment:
GUTEX Combiputz may be painted with GUTEX Combi-Mineralfarbe/-PV after prior cleansing.
Coverage:
Depending on the condition of the substrate:
1.5 mm grain:
floating/scratch finish approx. 1.7 kg/m ²
combed finish approx. 1.8 kg/m ²
2 mm grain:
floating/scratch finish approx. 2.3 kg/m ²
combed finish approx. 2.4 kg/m ²
3 mm grain:
floating/scratch finish approx. 2.7 kg/m ²
combed finish approx. 2.8 kg/m ²

Additional Information

Colour:

GUTEX Combiputz 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 absence of mottling. A finish coat with GUTEX Combi-Mineralfarbe/-PV paint is absolutely necessary.

Packaging unit:

25 kg bag

Storage:

Store dry. Exposure to moisture may cause lumps to form. To maintain the best quality until the expiration of the specified shelf life, store this product dry. The shelf life expiration date appears in the batch code on the plaster bag:

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.

Safety precautions:

Wet mortar and plaster are alkaline and may cause alkali burns, therefore suitable clothing and eye protection must be worn when handling these materials. In the event of contact, rinse thoroughly with water. See a doctor immediately if this product has had contact to the eyes.

Disposal:

If the material is hardened, it may be disposed of, subject to local applicable laws, with regular household waste.

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