

PRYMER SF 1105

Two-component water-based epoxy primer for subfloors preparation



Description

PRYMER SF 1105 is a two-component water-based epoxy primer developed for dusty subfloor, with a multi-layer application, it works as a moisture barrier. It is resistant to the inverse hydrostatic pressure according to the law UNI 8298 part 8. PRYMER SF 1105 is suitable for consolidation of subfloors on radiant heating. It is also recommend as a promoter of adhesion for anhydrite subfloors.

Product suitable for use in projects compliant with LEED®, BREEAM®, WELL protocols and Minimum Environmental Criteria (CAM) for construction. S-Card with complete technical mapping available.

Characteristics

Mixture ratio	1:1
Application temperature	+10°C ÷ +25°C
Application	8 mm microfiber roller / brush
Thinning (if necessary)	water
Coverage	150-500 g/m² depending on the subfloor and use
Total drying time	2 - 6 h
Pot-Life	ca. 1 h ⁽¹⁾
Storage stability	1 year ⁽²⁾
Packaging	20 Kg (10+10) - 10 Kg (5+5)
Tool cleaning	water
1	at 20°C and 65% R.H.
2	in original sealed containers at temperatures between +10°C and +25°C

How to use

Shake well before use.

Restoration of dusty subfloors

Clean the subfloor to be treated by eliminating totally any trace of oil, grease, wax, or paint spots. The subfloor must be free from cracks. Mix component A and B (ratio 1:1) manually or with electric tools, without creating excessive foam. When necessary, dilute with 10% of water before use. Apply 150 g/m² by roller and lay the parquet after 2 h from the application of PRYMER SF 1105. In case of subfloors with low absorption, dilute with higher quantities of water (up to 20%).

Adhesion promoter for anhydrite subfloors

Sandpaper properly the anhydrite subfloor with large-grains paper till you get a white powder. Vacuum clean the surface well and apply one coat of PRYMER SF 1105 diluted at 10% with water, applying 150 g/m².

Moisture barrier

PRYMER SF 1105 is able to create a moisture barrier on foundations of 6cm in depth and Residual Humidity of 5%, measured with the carbide method.

Clean the subfloor to be treated by eliminating totally any trace of oil, grease, wax, or paint spots. The subfloor must be free from cracks. Mix component A and B (ratio 1:1) manually or with electric tools, without creating excessive foam. Apply 200 g/m² by roller. After curing (2 hours), apply a 2nd coat (200 g/m²). In case of subfloors with low absorption, PRYMER SF 1105 could create a superficial film. Spread some quartz (diameter 0,6 mm) on to the wet surface after the 2nd hand. The excess of quartz will be removed with a broom.

We advise to use the following adhesives: UNISIL, ADESIVER ELASTIC, ADESIVER 501 EP, SIGOL, ADESIVER HERCULES, ADESIVER 327 PU, Adesiver HARD- ELASTIC (see relative technical data sheets), after application of PRYMER SF 1105.

The total quantity of PRYMER SF 1105 to ensure the correct creation of a moisture barrier is at least of 400 g/m².

In case of powdery subfloors, the first coat as anti-dust has to be considered separately from the total quantity of 400 g/m² for moisture barrier.

Preparation of synthetic mortars

PRYMER SF 1105, catalyzed and mixed with QUARZO 0.3-0.6 (see the relevant technical data sheet) in the following ratio: 1 - 4, can be used as a skim coat for the preparation of synthetic mortars.

Label elements

	For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.
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Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



http://www.chimiver.com/tds/EN_PRYMER_SF_1105.pdf