

# 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 recommended as a promoter of adhesion for anhydrite subfloors.

## Characteristics

Mixture ratio	1:1
Application temperature	+10°C ÷ +25°C
Application	roller 8 mm / brush
Thinning (if necessary)	water
Coverage	150-500 g/m <sup>2</sup> depending on the subfloor and use.
Total dry time	24-36 h
Pot-Life	ca. 1 h <sup>(1)</sup>
Storage stability	1 year <sup>(2)</sup>
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

### 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/m<sup>2</sup> by roller. 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/m<sup>2</sup>.

### Moisture barrier

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 200g/m<sup>2</sup> by roller. After curing (6 hours), apply a 2nd coat (200 g/m<sup>2</sup>). 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 (see relative technical data sheets). The total quantity of PRYMER SF 1105 to ensure the correct creation of a moisture barrier is at least of 400 g/m<sup>2</sup>. The residual humidity allowed during the installation of a wooden floor is 5% in a 6 cm thick subfloor. In case of powdery subfloors, the first coat as anti-dust has to be considered separately from the total quantity of 400 g/m<sup>2</sup> for moisture barrier.

## Safety and risk information

Comp.A

· Causes serious eye irritation. · Causes skin irritation. · May cause an allergic skin reaction. · Toxic to aquatic life with long lasting effects.  
 · Contains epoxy constituents. May produce an allergic reaction.  
 · If medical advice is needed, have product container or label at hand. · Keep out of reach of children. · Avoid release to the environment. · Wear protective gloves / protective clothing / eye protection / face protection. · If skin irritation or rash occurs: Get medical advice / attention. · Dispose your waste in dedicated collection points.

Contents: REACTION PRODUCT: BISPHENOL-A-EPICHLORHYDRIN;  
 REACTION PRODUCT: BISPHENOL-F-EPICHLORHYDRIN; OXIRANE,  
 MONO[[C12-14-ALKYLOXY]METHYL] DERIVS;



Comp.B

· Causes serious eye damage. · Causes skin irritation. · May cause an allergic skin reaction.

· If medical advice is needed, have product container or label at hand. · Keep out of reach of children. · Wear protective gloves / protective clothing / eye protection / face protection. · Immediately call a POISON CENTER or doctor / physician. · Dispose your waste in dedicated collection points.

Contents: POLYOXYPROPYLENEDIAMINES; DIETHYLENETRIAMINE; 3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE;



## 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](http://www.chimiver.com/tds/EN_PRYMER_SF_1105.pdf)

This information is given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a practical test by the user who assumes the full responsibility of the final result of his work.