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Technical Datasheet

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PRYMER FAST 500

Fast drying odorless polyurethane primer for subfloors preparation



Description

PRYMER FAST 500 is a single-component polyurethane primer with very low emissions of volatile organic compounds. PRYMER FAST 500 is recommended as anti-dust, superficial consolidate treatment and Damp Proof Membrane (DPM) on cement subfloors. Also suitable for use on anhydrite subfloors with underfloor heating and cooling systems. CERTIFIED EC1 PLUS.
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	single-component (ready to use)
Application temperature	+10°C ÷ +25°C
Application	roller 6/8 mm / brush
Thinning (if necessary)	DILUENTE DMC 50
Coverage	120 - 300 g/m² depending on the subfloor and use.
Hardening	45' - 50' *(1)*
Specific weight	1,10 Kg/l
Storage stability	9 months *(2)*
Packaging	6 Kg - 12 Kg
Tool cleaning	DILUENTE DNE

1 *at 20°C and 50% R.H.*
2 *in original sealed containers at temperatures between +10°C and +25°C*

How to use

Restoration of very poor or dusty subfloors

Shake well before use.

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. Apply one coat of PRYMER FAST 500 with an 6/8 mm roller or a 3x13cm or 4x14cm flat brush in a quantity of approximately 120-150 g/m² in a regular, uniform way, creating a thin film and avoiding any pooling that could compromise the drying time and the hardening of reactive resins adhesives. The following bonding must be performed after 45-50 minutes and within 72 hours using only reactive adhesives, such as UNISIL, ADESIVER ELASTIC, ADESIVER 327 PU, ADESIVER HERCULES, ADESIVER 501 EP, SIGOL, Adesiver HARD- ELASTIC (see relative technical data sheets). Prior to the application of levelling compounds or in case the bonding is performed after 72 hours from the last coat, scatter the whole surface with QUARZO (0.8 mm ÷ 1.2 mm) on primer still wet. After complete curing, vacuum to remove any loose quartz. When the bonding is done after 24 hours and no quartz has been used, sand the surface with mono-disc machine using 36-40 grit sanding paper.

Do not pour left over product back into the original package.

Moisture barrier

PRYMER FAST 500 is able to create a moisture barrier on foundations of 6cm in depth and Residual Humidity of 5%, measured with the carbide method.

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After 45-50 minutes apply a second coat of PRYMER FAST 500, following the same procedure. The following bonding must be performed after 45-50 minutes and within 72 hours using only reactive adhesives, such as UNISIL, ADESIVER ELASTIC, ADESIVER 327 PU, ADESIVER HERCULES, ADESIVER 501 EP, SIGOL, Adesiver HARD- ELASTIC (see relative technical data sheets).

In case the bonding takes place after 72 hours, a third coat of PRYMER FAST 500 is necessary, scattering QUARZO (0.8 mm ÷ 1.2 mm) on the primer still wet. After complete curing, vacuum to remove any loose quartz.

N.B. On anhydride subfloors and heating subfloors the damp proof membrane cannot be created.

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.

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_FAST_500.pdf

These information are 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 pratical test by the user who assumes the full responsability of the final result of his work.

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