



TECHNICAL DATA SHEET

PRIMER EPO 2

Two component epoxy primer



5 + 2,5 Lt



DESCRIPTION

Two component water and solvent free epoxy resin for treating subfloors. It can be used to treat crumbly screeds or screeds with a high level of residual moisture (up to a maximum of 5% C.M.) as well as being suitable as a binder for the preparation of synthetic mortar for quick repairs.

TECHNICAL DATA CHEMICAL-PHYSICAL CHARACTERISTICS at 20°C (indicative values not constituting product specifications):

Catalysis ratio (Vol/Vol)	2:1
Pot Life at a room temperature of 10°C (minutes)	35
Pot Life at a room temperature of 20°C (minutes)	28
Pot Life at a room temperature of 30°C (minutes)	15
Overcoating (hours)	5-16
Completely dry (hours)	24/48
Application method	Roller, brush
Average coverage per coat (g/m ²)	150/250
Stability and storage (in original, unopened containers stored in a cool, dry place) (months)	12
Calculated VOC (g/lit)	0
Max permitted dilution (EC Dir.2004/42)	20% Fetless
To clean tools	Solvente di Lavaggio
Standard packaging (Lt)	2 x 7,5

APPLICATION

Mix the two components together carefully, preferably with an electric mixer. In all the cases described below, the subfloor must be free of any substance that may act as a separating agent (oils, greases, paints....) and must have a suitable surface finish. If the screed is too smooth, it must be made rougher with a steel brush or another method to facilitate the penetration of the PRIMER EPO 2.

ANTI-DUST TREATMENT

If the screed has a crumbly surface, apply a coat of PRIMER EPO 2 diluted with 10-15% of FETLESS to stop any pulverisation and prevent separation. The floor can be laid after 24 hours using Vermeister two component epoxy polyurethane and/or single component silane-terminated adhesives.

ANTI-MOISTURE TREATMENT

If the screed has a content of residual moisture higher than the maximum permitted limit (up to a maximum of 5% C.M.) apply a first coat of product diluted 10-15% with FETLESS according to the surface finish and the compactness. After 5 and within 15 hours apply a second undiluted coat and scatter sand over the primer while still fresh. Once the primer has dried, remove the excess sand. The floor can be laid after 24 hours using our epoxy polyurethane and silane-terminated adhesives.

PREPARATION OF SYNTHETIC MORTARS

If the product is mixed with dry sand to obtain the required consistency (Primer/Sand Ratio= 1:5/8), it can be used to make repairs with an exceptional level of adhesion to the support and fast drying times. Before applying the mortar, prime the area to be treated with PRIMER EPO 2. The floor can be laid after 24 hours using our epoxy polyurethane and silane-terminated adhesives. If, as a result of unsuitable environmental conditions, an oily patina should form on the surface, it must be removed with a cloth soaked in FETLESS before proceeding with the gluing

NOTES

The reaction has a strong exothermic character and, consequently, in large quantities the product reaches very high temperatures in relatively short times (see under the heading POT-LIFE in the data sheet). It is, therefore, advisable to mix the quantity of product that is expected to be used within the time stated on this sheet.

Store above freezing.

Product subject to the restrictions prescribed by EC Dir.2004/42.

Product for professional use.

Safety precautions. Keep the product in a tightly closed, upright container in a cool place away from sources of heat. The product is classified and coded in compliance with EC Directives/regulations concerning hazardous substances. The information for the user is given in the relevant safety sheet. Empty containers or those containing slight traces of the product must be disposed of in accordance with local regulations. Vermeister S.p.A. guarantees that the details given in this sheet are provided to the best of the company's technical-scientific knowledge and experience; however, the company cannot be held responsible in any way for the results obtained with the products as the conditions of application are beyond the company's control. It is always advisable to check the suitability of the product to each specific circumstance. This sheet cancels and replaces all previous editions.