



TECHNICAL DATA SHEET

PRIMER SF

Polyurethane solvent-free moisture-cure primer



12 Kg



DESCRIPTION

Single component polyurethane moisture-cure primer that is water and solvent-free for treating subfloors before laying wood floors. The low level viscosity and the excellent penetration make it ideal for strengthening and waterproofing concrete and anhydrite subfloors in just one coat. PRIMER SF can be used for treating crumbly screeds or those with a high level of residue 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. The EC1 classification certifies that the emission of volatile organic compounds is very low both during application and when the floor is in use. Moreover, the absence of solvents makes it safe for transportation and storage (non-flammable product) and when applied (odourless, it can also be used in the vicinity of rooms that are in use). Recommended especially for screeds with built-in heating. Compared with products containing water, PRIMER SF offers a much higher coverage and does not increase the humidity of the screed.

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

Completely dry (hours)	24
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
To clean tools	SOLVENTE LAVAGGIO
Standard packaging (Kg)	12

APPLICATION

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 SF. Apply a uniform layer of undiluted product using a roller or a brush. For screeds with an average porosity, a vapour barrier and a residue humidity of less than 2.8%, the application of about 150-200 g/sq. m. of PRIMER SF is sufficient to strengthen and waterproof the subfloor. In the case of particularly porous screeds or with a humidity of ≤ 5% (C.M.) but without rising damp, apply a second coat of product within a minimum of 3 and a maximum of 24 hours. The floor can be laid after 24 hours using Vermeister two component epoxy polyurethane and single component silane-terminated adhesives. If a film forms on the surface, sand must be scattered on the primer while still fresh. Once the primer has dried, the excess sand must be removed. If this operation has not been carried out or more than 48 hours have lapsed since the application of the last coat, it will be necessary to sand the primer before gluing the wood floor.

NOTES

Do not replace any leftover product in the container.
Do not apply at temperatures below 10°C or over 30°C.
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.