

PRIMER SF	Technical data sheet
Single component moisture-cure polyurethane primer for consolidating and waterproofing concrete and anhydrite subfloors.	Art. Code: 501106
	Rev.1 dated 15 May 07

DESCRIPTION:

Single component moisture-cure water and solvent-free polyurethane primer for treating subfloors before laying wood floors. The low level viscosity and the high penetration make it suitable for consolidating and damp-proofing cement and anhydrite subfloors with just one coat. Recommended especially for screeds with underfloor heating. The absence of solvents makes it safe to transport and store (flameproof product) and to use (odourless, it can even be used close to rooms that are in use). Compared to products containing water, PRIMER SF offers a far superior coverage and **does not increase the humidity of the screed**.

CHEMICAL – PHYSICAL CHARACTERISTICS AT 20°C:

Viscosity (Ford cup Ø= 4)	30 sec
Specific weight	1.130 Kg/dm ³
Completely dry	24 hours
Method of application	Roller, brush
Average coverage per coat (g/m ²)	150/250
Stability and storage (<i>in original unopened containers stored in a cool, dry place</i>)	12 months
Calculated VOC g/ltr	0
To clean tools	SOLVENTE LAVAGGIO
Standard size (Kg)	12

APPLICATION:

The subfloor must be free of substances that act as a separating agents (oils, greases, paints....) and it 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 PRIMER SF. Apply a first uniform coat of **undiluted** product with a roller or a brush. For screeds with an average porosity, with the presence of a steam barrier and a residue humidity below 2.8% the application of about 150-200 g/sq. m. of PRIMER SF is sufficient for consolidation and damp-proofing. In the case of particularly porous screeds or particularly high levels of moisture, a second coat of product should be applied within a minimum of 3 hours and a maximum of 24 hours. After 24 hours, the floor can be laid using our epoxy-polyurethane (REPOX/ZERO%), polyurethane (POLICOLL/UNICOL MF) and silanic termination (MONOSIL) adhesives. If a surface film should form, sand must be scattered over the primer while it is still wet. Once the primer has dried, the excess sand must be removed. If this operation is not carried out and if more than 48 hours have gone by since the application of the last coat, the primer must be sanded before the wood floor is glued into place.

Do not replace any leftover product in the container!

Product subject to the restrictions prescribed by Decree Law 161/06 – (Dir. 2004/42/EC)

Store above freezing!

Safety measures

- 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 dry product must be disposed of in accordance with local regulations.

VerMeister S.R.L. 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 for each specific circumstance. This sheet cancels and replaces all previous editions.