



10 Lt



## DESCRIPTION

Single component polyurethane moisture-cure MDI-free primer for treating subfloors. The main characteristic of this product is its versatility. In fact PRIMER UR 50 can be used to restore uneven concrete subfloors, to treat crumbly screeds, to accelerate laying times in the case of subfloors with a high level of residue humidity (up to a maximum of 5% C.M.) and as a binder for the preparation of synthetic mortars for fast repairs.

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 <sup>2</sup> )	150/250
Stability and storage (in original, unopened containers stored in a cool, dry place) (months)	12
Calculated VOC (g/lit)	500
Max permitted dilution (EC Dir.2004/42)	100% DILUENTE EXTRA
To clean tools	SOLVENTE LAVAGGIO
Standard packaging (Lt)	10

## APPLICATION

For all the uses 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 UR 50. Furthermore, a vapour barrier must be present below the screed to prevent traces of solvents from penetrating into the underlying rooms. Do not use the product in the presence of hygroscopic lightening materials capable of retaining solvents.

### ANTI-DUST TREATMENT

If the screed has a crumbly surface, before gluing the floor, it is advisable to apply a coat of PRIMER UR 50 diluted with 30-50% of DILUENTE EXTRA to stop any pulverization and prevent any consequent separation. The floor can be laid after 24 hours using Vermeister two component epoxy polyurethane and/or single component silane-terminated adhesives.

### STRENGTHENING CRUMBLING SCREEDS

Apply a first coat of the product diluted with DILUENTE EXTRA in quantities of 50-100% according to the surface finish and the compactness. After 3 hours and within 8 hours apply a second coat diluted with 20-40% of DILUENTE EXTRA. After 3 hours and within 8 hours a third undiluted coat can be applied if required. The floor can be laid after 24 hours using our epoxy polyurethane and silane-terminated adhesives. If a film forms on the surface, sand must be scattered over the primer while it is still fresh. Once the primer has dried, any excess sand must be removed.

### ANTI-MOISTURE TREATMENT

If the screed has a content of residue humidity above the maximum limit prescribed (up to a maximum of 5% C.M.) the drying times can be accelerated by applying the product in the same ways as those described for strengthening crumbling screeds.

### PREPARATION OF SYNTHETIC MORTARS

If the product is mixed with dry sand to the required consistency (Ratio Primer/Sand= 1:8/10), it can be used to make fast drying repairs with a good adhesion to the support. Before applying the mortar, prime the area to be treated using PRIMER UR50. The floor can be laid after 24 hours using our epoxy polyurethane and silane-terminated adhesives.

## NOTES

- Do not replace any leftover product in the container.
- Do not apply 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.