



# PRIMER P1

## CONSOLIDATING AND WATERPROOFING POLYURETHANE PRIMER

### DESCRIPTION

Solvent polyurethane resin based primer. Single component product for indoors and outdoors.

### PACKAGING

10-litre cans - 760 litre standard pallets

### FIELDS OF APPLICATION

Suitable for consolidating and waterproofing treatment of absorbent, crumbly and powdery cementitious substrates with residual moisture (max. 4% measured with a carbide hygrometer). By mixing it with fine sand you obtain synthetic mortars for smoothing or repair work.

### PREPARING THE SUBSTRATE

The substrates that are to be treated must be well-absorbent, free of loose fragments, clean and free from residues of paint, wax, grease, oil, etc. Anhydrite screeds must be lightly sanded and dusted before applying the product. Verify the presence of a suitable vapour barrier.

### APPLICATION

#### Consolidating treatment

Dilute Primer P1 up to 50% with diluent D1, according to the substrate absorption. Apply the diluted product with a brush or roller in one coat applied evenly over the entire surface, in a quantity that is sufficient for good absorption.

#### Waterproofing treatment

Apply a first coat of primer P1 diluted up to 50% with diluent D1, according to the absorption of the substrate. Let it dry for at least 3 or 4 hours at a temperature around +20°C/+25°C and relative humidity of 60/70%. Apply a second coat and possibly a third so that the product does not remain too much on the surface. Do not exceed the applied quantities. Between one coat and another it is important not to let more than 12 hours pass in order to obtain a perfect bond between the various applications.

#### Preparing synthetic mortars

Mix the Primer P1 with fine dry sand until you obtain the desired consistency (about one part Primer P1 + 5-8 parts sand). Apply the mortar obtained on the substrate treated with Primer P1 diluted with diluent D1.

### COMPATIBLE PRODUCTS

Subsequent bonding, which is to be solely carried out with polyurethane epoxy adhesives, must be implemented after the solvents have dried completely and evaporated, which depends on the environmental conditions, ventilation of the premises and the quantities applied. Guarantee better adhesion of the adhesives by applying a layer of fine dry sand on the last coat of Primer P1 when still fresh. Remove the excess sand that has not bonded after drying and before gluing. The following products can be used on substrates treated with Primer P1:

- **Litoelastic**: two-component polyurethane epoxy reactive adhesive for bonding ceramic tiles and natural stone;
- **Litopar P2**: two-component polyurethane epoxy adhesive for bonding parquet.

### WARNINGS

Do not apply the product at temperatures below +10°C and with air humidity below 40%.

Do not apply on substrates with a residual humidity of more than 4% measured using a carbide hygrometer.

The product is not suitable for waterproofing against thrust humidity.

Do not apply the product on smooth, compact or poorly absorbent surfaces.

Do not apply the product on surfaces where subsequent bonding of PVC, linoleum, rubber and the like is expected, as this is sensitive to solvent residue.

Do not use in closed, poorly ventilated, lived-in areas. Ventilate the premises during and after product use to facilitate solvent evaporation.

Do not exceed the applied quantities.

Cementitious levelling layers are not allowed on surfaces treated with Primer P1.

Do not use the product for applications not stated on this technical sheet.



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**IDENTIFICATION DATA**

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Appearance	liquid
Colour	Amber yellow
Smell	Typical of solvents
Custom classification	3909 5090
Preservation time	6 months in its original packaging. Store at a temperature between +5°C and +25°C

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**APPLICATION DATA**

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Dilution	2 : 1 with Diluent D1
Application	Brush or roller
Admitted application temperatures	From +10°C to +30°C
Drying time	3-4 hours at T = +23°C
Final hardening	Approx. 72 hours depending on the environmental conditions and the applied quantities
Consumption	0.2 – 0.5 l/m <sup>2</sup> (diluted product 2 : 1)

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**INFORMATION ON SAFETY**

Refer to the product's safety sheets available upon request

**PRODUCT FOR PROFESSIONAL USE**

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Although the information in this technical chart is from our best experience, it is merely indicative.  
Each specific case must be subjected to practical preliminary tests by the user who undertakes the responsibility for the final work result.

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