

Product

DUROGLASS P 2 PRIMER

cod. 4501 M040
9101 0000



2 COMPONENT SOLVENT BASE, RAPID CURING DPM EPOXY PRIMER

Features

- High mechanical characteristics.
- Easy to use
- Applicable from +5°C to +40°C of the substrate.
- Operating temperature from -30°C to +90°C.
- Rapid curing allowing overcoating within 72 hours even in cold temperatures.

Application Field

Solves humidity problems allowing safe application for all kinds of floorings.

It is used for scratch coats or roller applications.

Can be finished with products from the DUROGLASS or POLISTAR, STARFLEX and ELASTOSTAR range.

Application

1) PRODUCT PREPARATION:

Two-component product to be mixed thoroughly at the moment of employment with an helicoidal stirrer with a low number of cycles.

Mix component B with component A for some minutes until an homogeneous mass without lumps and with a uniform color is obtained.

2) SUBSTRATE PREPARATION:

Substrate preparation is fundamental, thus the surface to be treated must be free of any pollutant, dry, coherent and must have a tear resistance of at least 1,5 MPa. In any case it is necessary, depending on the type of surface, to make a preparation of the flooring by sandblasting, milling, shot peening, smoothing or sanding.

Free and stagnant water coming from the foundation, from previous washing processes or from meteorological events must be removed or dried.

3) PRODUCT APPLICATION:

Product must be applied by roller or trowel depending on the desired coating type.

The consumption is 400-700 g/m², applying another coat on greater absorption areas.

For the laying of multi-layer and self-leveling coatings saturate the wet product with quartz in the following way:

- a) On normal substrates: apply by roller 400 g/m² of product, applying another coat on greater absorption areas. After having laid the product, saturate with quartz 0,1-0,5 mm or quartz 0,3-0,9. After the product has cured (minimum 5 hours at 20°C) suck up the quartz excess and the loose aggregates.
- b) On highly porous or absorbing surfaces: apply by roller 350 g/m² of product thinned with 3-5 % DILUENTE 21.
After at least 5 hours and before 6 hours at 20°C apply a second coat of product with a consumption of 350 g/m² saturating it with quartz.
- c) On extremely porous surfaces: to prevent the formation of holes in the final coating apply one coat with a consumption of 400 g/m² and after about 4 hours smooth by trowel with the product mixed 1:0,6 by weight with quartz 0,06-0,5 mm, and subsequent quartz broadcast.
- d) On damp surfaces: use a mixed system applying 500-800 g/m² of DUROGLASS FU BIANCO TIX or DUROGLASS FU RAPID, thinned with 5-10 % water.
After at least 48 hours, and anyway on the completely dry surface, apply by roller 400 g/m² of PRIMER 142 followed by a quartz broadcast.


After use tools must be washed with DILUENTE 21.

NOTE:

- Overlaying time refers to substrate temperature of 22°C.
- For lower or upper temperature overlaying time increases or decreases significantly.

Technical Data

Color	amber
Specific Weight UNI EN ISO 2811-1	1,38 ± 0,04 Kg/l
Mixing Ratio	100 parts in weight of base 23,5 parts in weight of hardener
Viscosity at 20°C UNI EN ISO 2555	2750 ± 550 mPa.s
Pot Life at 22°C UNI EN ISO 9514	>45 minutes
Theoretical consumption	400-700 g/m ²
Hardening at 22°C, 50% U.R.	Touch dry 2 hours Deeply hardened 4 hours Fully hardened 7 days
Adhesion strenght UNI EN 13892-8	> 3,0 MPa
Storage	The product in the original sealed packaging, stored in a dry and sheltered place at a temperature comprised between +5°C and +35°C, is preserved for 12 months.

		
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EN 13813 SR - B2,0 - AR0,5 - IR 20	DoP 028	Prodotto tipo 4503
SR – RESIN SCREEDS		
Fire Reaction	NPD	
Release of corrosive substance	NPD	
Water permeability	NPD	
Compressive strenght	C30	
Flexural strenght	F20	
Abrasion resistance	AR _{0,5}	
Bond strenght	B 2,0	
Impact resistance	IR 20	
Sound isolation	NPD	
Sound absorption	NPD	
Thermal resistance	NPD	
Chemical resistance	CR10 (Class 1 e 2), CR11 (Class 1 e 2), CR14 (Class 1 e 2)	

CR10: Sulfuric Acid 20% CR11:
Sodium Hydroxide 20% CR14:
Surfactants

The data and prescriptions contained in this schedule, based on the best practical and laboratory experiences, are to be considered in any case indicative. Given the different conditions of use, and the intervention of factors independent of MPM (support, environmental conditions, technical direction of application, etc.) those intending to use the product are held to establish whether it is suitable or not for the intended use. Our guarantee extends only to the quality and consistency of the finished product with the data given above, and only for technical schedules bearing the stamp and countersignature of the personnel delegated by our offices. The customer is further held to verify that these values are valid for the product batch concerning him and have not be updated and/or substituted by subsequent issues and/or new formulations. The data contained may vary at any moment without any obligation on the part of MPM to give prior notice.