

Product

DUROGLASS FF 4416

code 4510 M600
9035 0000

SPECIAL FOUNDATION BASED ON EPOXY RESIN FOR ADHESION TO CARBON STEEL, CEMENT, CERAMICS, PLASTICS AND OLD COVERINGS

Features

- Good anti-corrosion properties.
- Can be re-applied some time after the previous coat even on coatings without solvent.
- Can be applied by brush or airless spray.
- Can be applied to the support from +5°C.
- Operating temperatures from -25°C to +110°C (in air) and +60°C (in immersion).

Application field

This primer gives a backing coat in a light colour with thickness in the region of 90 microns. It is very versatile in terms of the surfaces to which it adheres, with the possibility of applying DUROGLASS and ELASTOSTAR with no particular time limits.

Application

A two-part product to be mixed carefully before use. Can be applied by brush or airless spray as presented or diluted with 5-10% of Diluente STAR 21, with consumption of 200 g/m². For airless application, use 0.015"-0.021" nozzles at a pressure of at least 180 bars. Avoid drips and do not exceed 200 g/m² to prevent a polished surface effect that could prevent an even cycle. The surfaces should be prepared as follows:

Carbon steel: sanding as per SSPC-SP10, grade Sa2 ½.

Cement: the surfaces should be in good condition, dry, with no cracks, dust or pollutants. The surface may be cleaned by sanding, washing with water or shot blasting. On damp surfaces or when working against the grain, first apply DUROGLASS FU BIANCO TIX or DUROGLASS FU MALTA.

Glass, ceramics, tiles and clay: clean carefully with detergents and light sanding or shot blasting.

Fibre glass and plastic: roughen with sandpaper or by sanding.

Wash the tools immediately after use with DILUENTE 21 thinner, followed by DILUENTE 6 thinner if the tools have to be used with polyurethane products.

Technical data

Color	yellow
Specific weight	1.45 ± 0.03 Kg/l
Mixing ratio	100 parts by weight of base 25 parts by weight of hardener
Viscosity at 22°C	ISO 2431 torque, 6 45" ± 15 hole
Pot life at 22°C	4 hours
Theoretical consumption	200 g/m ²
Thickness	90 microns
Solids	81% in weight, 68% in volume
Hardening at 22°C, 50% RH	- dry to the touch 8 hours

	- new application 24 hours minimum 15 days maximum - completely hardened in 10 days
Storage	If kept in the original sealed packs in a dry, protected place at temperatures of +5°C to +35°C, the product will keep for 12 months.

All data and prescription reported on the present data sheet are based on the best lab and practical experience and should anyhow be considered as indicative. Considering all different uses and the occurring of situations and conditions independent from MPM (substrate, climate conditions, technical management etc. Those who intend to use the product should verify whether it is suitable for the specific conditions in which it will be applied before starting. MPM's responsibility covers the quality and productions standards referring to the above listed data only. Data should also be verified for latest available version of data sheets which could be surpassed by a new version. Data may change any time without notice from MPM.