

Product

DUROGLASS AS

cod. 4526 M200 52
9083 0000 35
9084 0000 64 (Tix)

COAT OF ELECTRO-CONDUCTIVE PRIMER BASED ON EPOXY RESINS IN AQUEOUS DISPERSION

Features

- Ecological product without solvents or harmful emissions.
- Easily applied by brush or roller.
- Excellent adherence to surfaces in concrete, ceramic tiles, resinous coatings.
- Application temperature from +10°C to +40°C of the support.
- Operating temperature from -25°C to +80°C.

Application field

primer :

- Adherence primer before applying DUROGLASS P5/2 CONDUCTIVE and DUROGLASS P4 MATTED CONDUCTIVE resinous conductive coatings.
- Coat of conductive primer to obtain antistatic film coating, superimposing DUROGLASS P.

skim coat :

- Coat of skim primer to close "bottleneck holes" on cement floors before applying DUROGLASS P5/2 CONDUCTIVE and DUROGLASS P4 CONDUCTIVE resinous conductive self-levelling coatings.
- Coat of skim primer to saturate discontinuities of old tile coverings before applying resinous self-levelling conductive coatings.

Application as primer :

Product to be mixed at moment of use: pour the hardener in the base, mix with a suitable drill equipped with rotor.

Apply with brush or roller after dilution with 5-10% water with a consumption of 200-250 g/m².

Application as skim coat :

Product to be mixed at moment of use: pour the hardener in the base, mix with a suitable drill equipped with rotor, then add the third component and continue mixing to obtain a homogeneous paste.

Apply with trowel as it is or diluted with 2-3% of water with maximum 1-1,5 Kg/m² per coat. If more than one coat is to be applied leave at least 16 hours between coats.

In both cases the foundation must appear unbroken, compact, without non-adhering or polluting coats which are to be eliminated.

The surfaces must be as dry as possible and in any case without counter-pressures of water and must have a surface resistance to tear > 1,5 MPa.

To obtain perfect adhesion, roughen the foundation, preferably by shotpeening.

If application is to include copper bars the following method is advised: apply DUROGLASS AS as described. Apply the copper mesh on the hardened product taking care to press the copper bar with a rubber roller to assist adherence. Catalyze DUROGLASS AS and apply by brush

Application

a coat of the product on the bar, taking care to cover it entirely with excess at the edges. This treatment will prevent the bar from separating and rising while the final coating is added, compromising the result.

Wash tools with water immediately after use.

Technical data

Type	Primer	Skim coat
Color	Black	Black
Specific weight	1.2 ±0.03 Kg/l	1.7 ±0.03 Kg/l
Viscosity at 20°C	18000 ± 4000 mPa.s	tixotropic paste
Mixing ratio in weight	100 base 70 hardener - 3 rd component	100 70 170
Pot life at 20°C	60 minutes	60 minutes
Solids	58% by weight 49% by volume	80% 68%
Theoretical consumption	200-250 g/m ²	1000-1500 g/m ²
Thickness	80-100 µm	400-600 µm
Hardening at 22°C, 50% RH	In hours 3 dry to the touch 16 min. over-application with itself 48 minimum with self-levellers both: completely hardened: 10 days	3 16 48
Adherence to concrete ASTM D 4541	> 3,5 Mpa	
Surface resistance UNI 8298 p.10^a	< 0,001 M Ω	
Point of inflammability	Non-inflammable	
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. Avoid frost.	

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.