

Product

STARCEMENT 5/A

cod. 6802 M040
9396 0000

MULTIPURPOSE EPOXY RESIN WITH CYCLOLIPHATIC HARDENERS IN WATER DISPERSION.

Features

- Non toxic and odor-less and easy to apply also in poorly ventilated environments.
- Undetectable Pot-life.
- Suitable for slightly humid substrates not subjected to back-pressure.
- Transpiring capacity.
- High mechanical characteristics, hardness and abrasion resistance.
- Application temperature from +10°C to + 45°C of the substrate.
- Operating temperatures from -25°C a +90°C.

Application field

- Primer for water based epoxy coatings.
- Consolidating paint, anti-dust , wear-resistant, resistant to oils and fuels for concrete floors.
- Suitable for bonding fresh concrete to old concrete.
- Consolidating agent for poor mortars, plasters and concrete and all cement-based substrates.
- Primer for DUROGLASS FU AUTOLIVELLANTE on very dry absorbent substrates.
- Primer for waterproofing compound STARFLEX 250, directly on bituminous membranes, and poorly absorbent materials like come grès, ceramic, etc.

Application

2 component product to be mixed and perfectly emulsioned prior to use for 3 minutes with a mechanical helycoidal mixer. Pouring the hardner into the base.

According to the type of use the mixed compound can be diluted with water.

Dilution must take place after the mixing of the components again with a mixer.

Preparation will vary according to the system but generally substrates should substrates must be sound and dry ,clean and free from debris and dust, with a traction resistance to pull-off tests >1,5 MPa. In case of new substrates these should also be mechanically prepared.

Typical application are:

PRIMER: Apply by roller, brush or air-less spray, with a consumption rate of, airless 100-150 g/m² of diluted product 1:1 with water. Application interval shall be kept in between 60 minutes and 16 hrs. according to environmental conditions.

(Theoretical consumption rate of pure product 50-75 g/m²).

ANTI-DUST FLOOR COATING: Apply by roller, brush or air-less spray 100-150 g/m² of diluted product 1:1 with water.

(Theoretical consumption rate of pure product 50-75 g/m²).

After maximum 24 hrs. apply a second coat diluted 1:0,5 with water with a consumption rate of 200-230 g/m².

(Theoretical consumption rate of pure product 135-150 g/m²).

BONDING OF FRESH CONCRETE ON OLD CONCRETE: Apply by roller or brush 200-300 g/m² of product diluted with water 1:0,2 and cover with an interval range from 60 minutes to 3 hrs. ore with the fresh concrete

(Theoretical consumption rate of pure product 165-250 g/m²).

CONSOLIDATING AGENT FOR MORTARS AND UNCONSISTANT PLASTERS:

Apply by roller, brush or air-less spray or injection the product diluted 1:2 with water in the necessary quantity according to the absorbing rate of the substrate.

NOTES:

- In case of partial drawing, components should be first homogenized.
- Minimum over-coating interval is according to temperature and environmental humidity and anyhow after the hardened layer looks perfectly transparent.
- The maximum time interval for over-coating in case of anti-dust floor coatings is 24 hrs. For bonding fresh concrete it is 3 hrs.
- At all times the mixed product (A+B) CANNOT be used for more than 40 minutes from hte first mixing. After this time they should be not used and made ready for disposal.

After use all equipment can be washed with water.

Technical data

Color	Milky liquid (transparent film)
Specific weight	1.05 ± 0.02 Kg/l
Mixing ratio	100 parts by weight and volume of base 100 parts by weight and volume of hardener
Viscosity at 20°C	7,000 ± 3,000 mPa.s (Vel.10 – Gir.3)
Pot life at 22°C	40 minutes
Thickness 100 g/m²	42 micron
Solids	48% by weight, 45% by volume

