



MEGA EPO-FLOW

HIGH STRENGTH SELF LEVELLING FLOOR GRADE EPOXY



DESCRIPTION

MEGA EPO-FLOW is a 2K solvent free, epoxy resin floor coating. It is supplied in pre-measured quantities, ready for site mixing and use.

- Protective and decorative.
- High build application.
- Good hiding properties.
- Good mechanical strength.
- Can be applied directly to the substrate.
- Smooth, glossy and easy to clean surface.
- Excellent adhesion to most building materials.

RECOMMENDED USES:

As a protective coating for concrete and steel. The cured film is corrosion and abrasion resistant.

- Power stations.
- Basements and tunnels.
- Light Production areas and workshops.
- Clean areas such as laboratories.
- Beverage and food production areas.
- Hospitals and schools.

APPLICATION GUIDELINES:



Mega Sealers
Waterproofing Solutions

Surface preparation:

Anything that can impair adhesion must be removed including any grease, oil, dust, curing compounds or any previous coating using grit ballasting, milling or grinding. Mechanical wire brush can be used for small areas. The aggregate must be exposed and any repair must be done prior to application using Vertex epoxy repair system. For better results, it is recommended to prime the surface using a suitable water-based primer such as Vertex EpoPrime EH 1.

Important Information:

Supplied in:	20 kg two-pack units.
Storage:	Dry, frost free area. Out of direct sunlight.
Shelf life:	12 months.
Hazard Class:	No dangerous goods. Consult MSDS for details.

Mixing: Pour the Part B into the Part A and mix using a slow speed mixer (300–600 RPM) until homogenous. Make sure the material at the bottom and sides of the container is well mixed.

Application: MEGA EPO-FLOW, can be applied by brush, short hair roller or airless spray.

BRUSH/ROLLER APPLICATION: Apply the mixed material to a properly prepared substrate using a brush or short hair roller. Painter's tray is essential for extended pot life. It is recommended to apply 2nd coat perpendicular to the 1st coat.

SPRAY APPLICATION: Suitable for large applications. Spray the mixed material on the prepared to give an even, pinhole free surface to achieve minimum DFT 300 microns in two coats. To achieve greater film thickness, allow proper curing before applying subsequent coats.

CURING: The ambient temperature and sub-surface's temperature affect the curing of reactive polymers in particular. Low temperatures slow down the chemical reaction prolonging time for second coat and vice versa. Premature exposure to dampness can cause surface bubbles.

TECHNICAL DATA

TYPE			MEGA EPO-FLOW
SOLIDS	25°C	%	100
POT LIFE @ 25OC		Min	45
Bond Strength (ASTM D4541)		N/mm ²	> 2.00
Water Absorption (ASTM D570)		%	< 0.1%
Resistance to Fungal & Bacterial growth (ASTM D 3273)			Resistant
Resistance to Carbon dioxide diffusion		%	100
Number of coats		No	2
Theoretical application rate per coat		Kg /m ²	0.29-0.4
Theoretical wet film thickness per coat		Microns	180-240
Mixed Density	25°C	g/cm ³	1.5
Working time	25°C	Min	35

*In case of any query or technical assistance, please feel free to contact us on following numbers mentioned below.
Our dedicated customer support team will be happy to assist you.*

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