



BE SURE. BUILD SURE.

MC FloorCoat Eponic

Solvent-based, epoxy resin coating

Product Properties

- Two-component, solvent-based, pigmented epoxy resin primer and sealer
- Good resistance to abrasion, chemical and corrosion
- 2 in 1 system, semi-gloss finish
- Adheres to most substrates and steel surfaces

Areas of Application

- Impregnation of mineral surfaces for dustproofing
- Resistance sealer for car-parks, garages, department stores, battery rooms and other inner areas
- Structural steel works in aggressive environments

Application

Substrate Preparation/ Mixing

See leaflets "General Application Advice":
"MC-Industrial Floors - Substrate and Substrate Preparation" and "Reactive Resins".

Thinning not more than 5% with thinner is optional.

Application

MC FloorCoat Eponic may be applied by brushes, rollers or airless spraying technique. Prepared mineral-based substrates are applied direct with two or three coats of MC FloorCoat Eponic.

For steel structure, an anti-corrosion epoxy primer like MC Colusal M is applied and sealed with two layers of MC FloorCoat Eponic.

For optimal coloration, roll the material back and forth in one direction during final coat application.

General Information

Coverage, application times, resistance to foot traffic and time until full resistance are determined by temperature and site properties and condition. See also leaflet "General Application Advice": "Reactive Resins".

Concerning the batch colour consistency, please note the general information on the leaflet "General Application Advice": "Reactive Resins".

Exposure to chemicals and UV-light may cause colour changes, which usually do not affect the properties and usability of the coating.

Mechanically and chemically exposed surfaces are subject to wear and tear. Regular check-ups and continuous maintenance are advised.



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Technical Data for MC FloorCoat Eponic

Characteristic	Unit	Value	Comments
Mixing ratio	p.b.w.	4.3 : 0.7	base : hardener
Density	g/cm ³	approx. 1.350	-
Solids content	%	approx. 68	-
Pot life	minutes	approx. 120	at 20°C and 50% relative humidity
Resistance to foot traffic after...	hours	approx. 12	at 20°C and 50% relative humidity
Time until full resistance	days	7	at 20°C and 50% relative humidity
Resistance to abrasion	g	approx. 0.060 loss	Taber abrasion test, 1000 cycles
Coverage	g/m ²	100 - 150	per work step
Application conditions	°C	> 10 - < 40	air, material and substrate temperature
	%	< 85	relative humidity
	K	> 3	above dew point
Layer thickness	µm	approx. 90	at 150 g/m ²

Product Characteristics for MC FloorCoat Eponic

Cleaning agent	MC-Reinigungsmittel
Colour	MC-epoxy colours; approx. to RAL-colours range; further colours on request.
Delivery	5 kg pack
Storage	Can be stored in cool (> 5°C - < 25 °C) and dry conditions for 12 months in original unopened packs. Protect from frost!
Disposal	In the interest of the environment, please empty all packs completely & in accordance with local regulations.

Safety Advice

Please take notice of the safety information and advice given on the packaging labels and safety information sheets and please take notice of the leaflet "Safety Measures for Handling Coating Materials and Reactive Resins".

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 03/20. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.