

MC-RIM PROTECT-SH

Surface finish

Product Properties

- Two-component, water-dispersed epoxy resin
- Film-forming, transparent when dried
- Improves the mechanical and chemical resistance
- Improves the resistance against frost and de-icing salts
- Application by brush, roller and spraying
- Certified according to EN 1504 part 2

Areas of Application

- Application as surface finish on MC-RIM PROTECT-MR and MC-RIM PROTECT-H
- For horizontal and vertical areas
- REACH-assessed exposure scenarios: periodical water-contact, long-term inhalation, application
- Certified according to EN 1504 part 2 for principle 1, procedure 1.2

Application

Mixing

MC-RIM PROTECT-SH consists of base and hardener component. Prior to application both components are mixed thoroughly using slowly rotating agitators. Following mixing the material is poured into a clean container (re-potting) and stirred again.

Application

MC-RIM PROTECT-SH is applied by roller or spraying directly prior to the actual surface finish (rubbing off) of the pale damp mortar surfaces and worked into the surface by means of rubbing off. The surface must be protected against sun, wind and rain using a lightproof foil.

General Information

Coverage, application time and time until full resistance depend on temperature and site conditions.

MC-RIM PROTECT-SH must not be applied during rain or temperatures below +8 °C.

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.

Technical Data for MC-RIM PROTECT-SH

Characteristic	Unit	Value*	Comments
Density	kg/dm ³	approx. 1.05	
Viscosity	mPa/sec	250	
Application time	minutes	approx. 60	
Dust-dry (climate-related)	hours	approx. 6	
Time until full resistance	days	7	
Application conditions	°C	≥ 8 - ≤ 30	air-/material-/substrate temperature
	%	≥ 85	relative humidity
	K	3	above dew point
Coverage	g/m ²	200 - 250	per work step
Mixing ratio	p.b.w.	56 : 44	base : hardener

Product Characteristics MC-RIM PROTECT-SH

Standard colour	milky / transparent
Delivery	10 kg or 30 kg packs
Storage	Can be stored in cool (below 20 °C) and dry conditions for at least one year in original unopened packs. Protect from frost!
Disposal	Packs must be emptied completely.
EU-regulation 2004/42 (Decopaint-standard)	RL2004/42/EG All/j (140 g/l) < 24 g/l VOC

* All technical values have been determined in the lab at + 23 °C and 50 % relative humidity.

Safety Advice

Please take notice of the safety information and advice given on the packaging labels and the safety information sheets.

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 08/16. 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.