

MC-PowerPro HCRprimer

Primer



PRODUCT PROPERTIES

- Two-component, water-dispersed epoxy resin
- Water-based, transparent after drying
- Film-forming
- Application by brush, roller and airless spraying technique
- DIBt-approved system component of the MC-PowerPro HCR coating system, use in JGS-plants (liquid manure, slurry, silage seepage) and biogas-plants no. Z-59.17-439
- Certified according to EN 1504 part 2

AREAS OF APPLICATION

- Application on mineral-based substrates as primer under MC-PowerPro HCR
- 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 ADVICE

Mixing: MC-PowerPro HCRprimer 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 (repotting) and stirred again.

Application: MC-PowerPro HCRprimer may be applied continuously and streak-free onto the prepared substrate using a brush, roller or by airless spraying. Application must not be carried out in case of rain, high humidity, frost or risk of frost. Fresh coatings must be protected against condensate, rain and frost.

General Information: Coverage, application time and time until full resistance depend on temperature and site conditions. MC-PowerPro HCRprimer 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 VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	p.b.w.	56:44	base component : hardener component
Application conditions	°C	≥ 8 ≤ 30	air, substrate and material temperatures
	%	≤ 85	rel. humidity
	K	3	above dew point
Working time	minutes	approx. 60	
Consumption	g/m ²	150 - 200	per operation
Viscosity	mPa · s	250	
Density	kg/dm ³	1.05	
Overcoatable after (depending on ambient conditions)	hours	2 - 4	
Resilient after (full)	days	7	
Dust-dry after (depending on ambient conditions)	hours	approx. 6	

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

colour shade	Transparent
standard colour shades	Transparent
delivery form	Container pair of 10 kg / 30 kg
Storage	Can be stored in original sealed packages at temperatures between 8°C and 20°C in dry conditions for at least 12 months.
packaging disposal	Make sure single-use containers are completely empty. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request.
EU Regulation 2004/42 (Decopaint Directive)	RL2004/42/EG Allj (140 g/l) < 140 g/l VOC

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets.

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2100004150]