



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

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 (re-potting) 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 Data for MC-PowerPro HCRprimer

Characteristic	Unit	Value*	Comments
Density	kg/dm ³	approx. 1.05	
Viscosity	mPa·s	250	
Application time	minutes	approx. 60	
Dust-dry (climate-related)	hours	approx. 6	
Overcoatable (climate-related)	hours	≥ 2 - ≤ 4	
Time until full resistance	days	7	
Application conditions	°C % K	≥ 8 - ≤ 30 ≤ 85 3	air-/material-/substrate temperature relative humidity above dew point
Coverage	g/m ²	100 - 150	per work step
Mixing ratio	p.b.w.	56 : 44	base : hardener

Product Characteristics MC-PowerPro HCRprimer

Standard colour	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 relate to + 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 05/19. 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.