



MC-DUR 1277 WV

Solvent-containing epoxy resin sealer

Product Properties

- Two-component, solvent-containing, transparent epoxy resin sealer
- Slows evaporation of water in green concrete
- Increases the resistance of concrete surfaces against mechanical and chemical attacks (dust proofer)

Areas of Application

- Primer for green concrete in vertical areas immediately after de-moulding
- Curing of green concrete, especially in chemically loaded areas, i. e. chimneys and cooling towers
- REACh-assessed exposure scenarios: periodical water-contact, periodical inhalation, application

Application

Substrate Preparation

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

Application

MC-DUR 1277 WV may be applied by brush, roller or airless spray. For curing of green concrete it should be rolled on. The maximum layer thickness for MC-DUR 1277 WV should not be exceeded.

For priming we recommend layer coverage rates of approx. 150 - 200 g/m², depending on the porosity of the substrate.

Thick layers as well as "puddles" must be avoided.

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".

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-DUR 1277 WV

Characteristic	Unit	Value	Comments
Mixing Ratio	p. b. w.	3 : 1	base : hardener
Density	g/cm ³	approx. 0.98	-
Viscosity	mPa·s	approx. 100	at 20 °C and 50 % relative humidity
Pot Life	hours	approx. 2	at 20 °C and 50 % relative humidity
Trafficable after...	hours	18	at 20 °C and 50 % relative humidity
Fully resistant after...	days	7	at 20 °C and 50 % relative humidity
Application conditions	°C	≥ 10 - ≤ 30	air, material and substrate temperature
	%	≤ 85	relative humidity
	K	3	above dew-point
Coverage	kg/m ²	0.15 - 0.25	

Product Characteristics for MC-DUR 1277 WV

Cleaning agent	MC-Reinigungsmittel U
Standard colour	transparent
Delivery	10 kg packs 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 (500 g/l) max 461 g/l VOC

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 chapter "Safety Measures for Handling Coating Materials and Reactive Resins". GISCODE: RE3

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 02/11. 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.