



MC-DUR GLW

Electrically conductive primer

Product Properties

- Two-component epoxy resin dispersion
- High electric conductivity to ensure discharge and bleeding capability
- Low electric bleeder resistor R according to DIN EN 1081

Areas of Application

- Electrically conductive primer for electrically conductive coatings and sealers
- REACh-assessed exposure scenarios: periodical inhalation, application

Application

Substrate Preparation/Mixing

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

Priming

MC-DUR 1200 VK, see technical data sheet "MC-DUR 1200 VK".

Scratch Coat

Scratch coat consisting of MC-DUR 1200 VK and oven-dried quartz-sand (grain size 0.1 - 0.3 mm). Please refer to our technical data sheet "MC-DUR 1200 VK".

Earthing

Following curing of the scratch coat one earthing point each is set per electrically self-contained area (e.g. partial areas surrounded by joints). The maximum distance between 2 earthing points is 15 m. The installation instruction of the earthing kit is to be observed.

Application

MC-DUR GLW is applied with roller, swiftly and

evenly. Pin holes and holes are not permitted as they impair the electric conductivity. The bleeder resistor must be measured before the application of the coat or sealant. It must not exceed 10^4 Ohm (measurement regulation: DIN EN 1081).

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.





Technical Data for MC-DUR GLW

Characteristic	Unit	Value	Comments
Mixing ratio	p. b. w.	3 : 1	base : hardener
Density	g/cm ³	approx. 1.23	-
Viscosity	mPa·s	approx. 4,600	at 20 °C and 50 % relative humidity
Interval between work-steps	hours	min. 12	at 20 °C and 50 % relative humidity
	hours	max. 24	at 20 °C and 50 % relative humidity
Working time	min	60	at 20 °C and 50 % relative humidity
Bleeder Resistor R _z	ohm	< 10 ⁴	according to DIN EN 1081
Application conditions	°C	≥ 10 - ≤ 30	air, material and substrate temperature
	%	≤ 85	relative humidity
	K	3	above dew point
Coverage	kg/m ²	0.1 - 0.15	

Product Characteristics for MC-DUR GLW

Colour	black
Delivery	10 kg packs
Cleaning agent	water
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) < 32 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: RE1

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 01/15. 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.

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