



MC-DUR 1322

Resistant epoxy resin coating

Product Properties

- Two-component, pigmented epoxy resin coating
- Thick-coating, optionally filled and strewn with oven-dried aggregates
- High abrasion- and chemical resistance

Areas of Application

- Coating for parking areas
- For use in industrial areas like warehouses, production rooms, workshops etc.
- REACH-assessed exposure scenarios: periodical water-contact, periodical inhalation, application

Application

Substrate preparation / Mixing

See leaflets "MC-Industrial Floors - Substrate and Substrate Preparation" and "General Application Advice - Reactive Resins".

Priming

MC-DUR 1320 VK, see technical data sheet "MC-DUR 1320 VK".

Application as a coating

MC-DUR 1322 is applied 12 to 24 hours after application of the scratch coat, using a steel float, adjustable screeding tools or a rubber squeegee and deaerated with a spiked roller. To obtain higher surface friction MC-DUR 1322 is filled with oven-dried quartz-sand (0.1 - 0.3 mm) in a mixing ratio of 1 : 0.5 p.b.w. and is immediately strewn in excess with oven-dried quartz-sand (0.3 - 0.8 mm). Finally the area is top-coated with MC-DUR 1322.

Application as a top-coat

After curing of the strewing layer or levelling coat consisting of MC-DUR 1320 VK, the loose sand is

removed and the top coat applied. The top-sealer is applied sharply across the grains using a rubber squeegee and rolled cross-wise with a short-piled lambskin roller.

Application on vertical areas

For use on sloped or vertical areas MC-DUR 1322 is added approx. 3 - 5 weight-% of MC-Stellmittel TX 19 (thixotropic agent).

General information

Coverage, application times, resistance to foot traffic and time until full resistance are determined by temperature and site properties and condition. See leaflet "General Application Advice - Reactive Resins".

Exposure to chemicals and UV-light may cause color 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 1322

Characteristic	Unit	Value	Comments
Mixing ratio	p. b. w.	5 : 1	base : hardener
Density	g/cm ³	approx. 1.5	
Viscosity	mPa·s	approx. 2,400	at 20 °C and 50 % relative humidity
Pot life	minutes	approx. 45	at 20 °C and 50 % relative humidity
Resistant to foot traffic	hours	approx. 12	at 20 °C and 50 % relative humidity
Time until full resistance	days	7	at 20 °C and 50 % relative humidity
Application conditions	°C % K	≥ 10 - ≤ 30 ≤ 85 3	air/material/substrate temperature relative humidity above dew point
Coverage	g/m ²	approx. 500 approx. 1,500	top coat levelling coat

Product Characteristics for MC-DUR 1322

Cleaning agent	MC-Reinigungsmittel EP
Standard colour	RAL 7030, 7032, 7035, further colours on request
Delivery	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 AII/j (500 g/l) < 500 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 03/18. 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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