MC-DUR 1900 TX

Chemical-resistant, crack-bridging epoxy resin coating

Product Properties

- Two-component, pigmented epoxy resin coating
- Increased chemical resistance
- Thixotropic coating
- Application by roller, trowel or airless spraying technique

Areas of Application

- Efficient coating for wall surfaces
- Sealer for industrial floors
- REACH-assessed exposure scenarios: periodical water-contact, periodical inhalation, application

Application

Substrate Preparation/Mixing
See leaflets ”General Application Advice”: ”Industrial Flooring - Substrate and Substrate Preparation” and ”Reactive Resins”.

Priming
Use MC-DUR 1200 VK, please refer to technical data sheet “MC-DUR 1200 VK”.

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

Application
MC-DUR 1900 TX is applied 12 to 24 hours after application of the scratch coat, using a roller or airless high-pressure spraying equipment. Waiting time between coats is 8 - 24 hours at 20 °C. A two-layer coating is recommended.

If using the spraying method, protective measurements must be observed, according to application regulations.

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.

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Technical Data for MC-DUR 1900 TX

Characteristic	Unit	Value	Comments
Mixing ratio	p. b. w.	4 : 1	base : hardener
Density	g/cm³	approx. 1.35	-
Viscosity	mPa·s	approx. 10,000	at 20 °C and 50 % relative humidity
Pot life 10 kg packs 30 kg packs	 minutes minutes	 approx. 40 approx. 35	 at 20 °C and 50 % relative humidity 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 and substrate temperature relative humidity above dew point
Coverage	kg/m² kg/m²	approx. 1.35 0.6 - 0.8	airless spraying per mm layer thickness application by roll

Product Characteristics for MC-DUR 1900 TX

Standard colour	MC-grey; approx. RAL 7032; further colours on request
Delivery	10 / 30 kg packs
Cleaning agent	MC-Reinigungsmittel U
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

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