



MC-DUR 1204

Transparent, two-component epoxy resin sealer with increased UV-resistance

Product Properties

- Glossy epoxy resin sealer
- Resistant to slight and medium mechanical and chemical impact (foot traffic, pneumatic vehicles) in interior and exterior areas
- Resistant to light and weathering, increased UV-resistance

Areas of Application

- Sealing of epoxy- and polyurethane resin coatings in interior and exterior areas
- REACh-assessed exposure scenarios: periodical water-contact, long-term inhalation, application

Application

Substrate Preparation/Mixing

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

Application

Depending on the required layer thickness MC-DUR 1204 is applied with a lambskin roller or a steel float. If applied as top sealer MC-DUR 1204 is applied crosswise using a lambskin roller. To achieve even surfaces MC-DUR 1204 is poured onto the substrate and spread with a steel float. Layer thicknesses of up to approx. 3 mm are possible.

MC-DUR 1204 is applied 12 - 24 hours after application of the top coat. MC-DUR 1204 cannot protect non UV-resistant coatings against yellowing due to direct sun.

The fresh surface must be protect from moisture impact during the whole hardening process.

General Information

Coverage, application time, resistance to foot traffic and time until fill resistance are determined by temperature and object properties and condition. Thorough mixing of base and hardener component must be observed. 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 1204

Characteristic	Unit	Value	Comments
Mixing ratio	p. b. w.	2.5 : 1	base : hardener
Density	g/cm ³	approx. 1.11	
Viscosity	mPa·s	approx. 1,200	
Pot life	minutes	approx. 20	
Resistant to foot traffic after...	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 and substrate temperature relative humidity above dew point
Coverage	kg/m ²	approx. 0.3 - 3	depending on substrate

Product characteristics for MC-DUR 1204

Cleaning agent	MC-Reinigungsmittel U
Standard colour	transparent, glossy
Delivery	10 kg packs
Storage	Can be stored in original sealed packages at temperatures below 20 °C in dry conditions for at least 1 year. Protect from frost! The same requirements are valid for transport.
Disposal	Packs must be emptied completely.
EU-regulation 2004/42 (Decopaint standard)	RL2004/42/EG AII/j (550/500 g/l) max 11 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 10/10. 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.