



MC-DUR 2095 F

Water-based, pigmented special polyurethane sealer

Product Properties

- Matt, water-based, pigmented, two-component polyurethane sealer with excellent cleaning properties
- Excellent adhesion and surface strength
- Excellent application properties
- Increased UV-resistance, non-chalking
- Open to diffusion
- High variety of colours

Areas of Application

- Sealer for mineral based surfaces
- Surface sealer for EP and PU floor coating systems
- Special sealer for reduced cleaning effort
- For application on industrial floor coatings and for optically / aesthetically pleasing special systems, exposed to medium mechanical and chemical impact
- Suitable for exterior surfaces and on floor coatings open to diffusion
- 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".

Priming

Use MC-DUR 1177 WV-A as primer. See technical data sheet MC-DUR 1177 WV-A.

Application

After a waiting time of 6 - 24 hours (the milky effect of the primer must be neutralised) MC-DUR 2095 F is applied crosswise and streak-free using a short-piled roller. Coverage rates must be observed. Usually two work steps are required to achieve an optimum colour design. The waiting time between the two work steps is min. 10 and max. 24 hours.

To achieve anti-skid surfaces MC-DUR 2095 F can be filled with approx. 5 % by weight glass spheres (100 - 200 µm).

MC-DUR 2095 F can be used as second top sealer to achieve increased cleaning properties.

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".

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 2095 F

Characteristic	Unit	Value	Comments
Mixing ratio	p. b. w.	10 : 3.5	base : hardener
Density	g/cm ³	approx. 1.41	
Pot life	minutes	approx. 20	
Resistant to foot traffic after	hours	approx. 10	at 20 °C and 50 % relative humidity
Time until full resistance	days	7	at 20 °C and 50 % relative humidity
Minimum application conditions	°C % K	≥ 10 - ≤ 30 ≤ 75 3	air, material and substrate temperature relative humidity above dew point
Coverage	g/m ²	approx. 200	depending on substrate

Product characteristics for MC-DUR 2095 F

Cleaning agent	water
Standard colours	RAL 7023, RAL 7035, RAL 7032, MC-grey, further colours on request
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 All/j (140 g/l) max 76 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: PU40

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 05/14. 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.