

MC-DUR 2095 F

Water-based, pigmented 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
- 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 ADVICE

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 with 200 g/m² each 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 VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	10 : 2	base component : hardener component
Density	g/cm ³	approx. 1.23	
Working time	minutes	approx. 20	at 20° C and 50 % rel. humidity
Accessible after	hours	approx. 10	at 20° C and 50 % rel. humidity
Resilient after	days	7	at 20° C and 50 % rel. humidity
Application conditions	°C	≥ 10 ≤ 30	air, substrate and material temperatures
	%	≤ 75	rel. humidity
	K	3	above dew point
Consumption	g/m ²	approx. 200	depending on condition of substrate

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Equipment cleaning agent	water
Colour	MC-grey, RAL 7023, RAL 7032, RAL 7035, other colours on request
Delivery form	10 kg and 20 kg packs
Storage	Can be stored in cool (below 20°C) and dry conditions for 12 months in original unopened packs. Protect from frost.
Packaging disposal	Make sure single-use containers are completely empty.
EU Regulation 2004/42 (Decopaint Directive)	RL2004/42/EG All/j (140 g/l) ≤ 140 g/l VOC

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : PU30

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2400021812]