

MC-DUR 2095 G

Water-based, transparent, satin-gloss special polyurethane sealer



PRODUCT PROPERTIES

- Satin gloss, water-based, transparent, two-component polyurethane sealer with excellent cleaning properties
- Excellent adhesion and high surface strength
- Excellent application properties
- Increased UV-resistance, non-chalking
- Open to diffusion

AREAS OF APPLICATION

- 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 average 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" / "Reactive Resins".

Application: MC-DUR 2095 G is rolled cross-wise, evenly and streak-free onto the reactive resin substrate. Short-piled rollers are especially suitable for this. The stated coverage must be observed. MC-DUR 2095 G should be applied at least 12 hours after application of the top coat. It must not be applied later than 24 hours after the previous layer. If this maximum interval is exceeded, it is necessary to slightly grind the substrate before MC-DUR 2095 G is applied. MC-DUR 2095 G does not protect non UV-resistant coatings from yellowing due to direct sunlight.

General Information: Coverage, application time, resistance to foot traffic and time until full resistance are determined by temperature and object properties and condition. See also leaflet "General Application Advice – Reactive Resins". Mixing of the base and hardener for 5 minutes is mandatory. After the mixing, the material needs to be repotted and mixed again. 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 : 3.5	base component : hardener component
Density	g/cm ³	approx. 1	
Working time	minutes	approx. 25	at 20° C and 50 % rel. humidity
Accessible after	hours	approx. 12	at 20° C and 50 % rel. humidity
Resilient after (full)	days	7	at 20° C and 50 % rel. humidity
Application conditions	°C	≥ 10 ≤ 25	Temperatura del aire, soporte y material
	%	≤ 75	rel. humidity
	K	3	above dew point
Consumption	g/m ²	approx. 150	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	transparent
Delivery form	4 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 (140/140 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. [2400020550]