

MC-DUR 1204 R

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)
- Increased UV-resistance (yellowing still possible)

AREAS OF APPLICATION

- Sealer for coatings fully strewn with MC-Dekorchips and MC-Dekorsand
- 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".

Application: MC-DUR 1204 R is evenly spread on the reaction resin coating which was previously strewn in excess with MC-Dekorsand or MC-Dekorchips. A short-piled roller or the MC-Durofloor spatula are suitable for application. If using a roller, crosswise application is mandatory. Puddles must be avoided. Following a waiting time of 24 hours the surface may be matted with MC-DUR 2095 M (see technical data sheet). The fresh surface must be protected from moisture impact during the whole hardening process.

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". Thorough mixing of the base and hardener components must be observed. After the first mixing the material has to be repotted into a clean bucket 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	2.5 : 1	base component : hardener component
Density	g/cm ³	approx. 1.11	
Viscosity	mPa s	approx. 1,200	at 20° C and 50 % rel. humidity
Working time	minutes	approx. 20	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	≥ 15 ≤ 30	air, substrate and material temperatures
	%	≤ 70	rel. humidity
	K	3	above dew point
Consumption	kg/m ²	approx. 0.3 - 0.8	top seal coat

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

Equipment cleaning agent	MC-Reinigungsmittel U
Colour	transparent
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 (500 g/l) ≤ 500 g/l VOC

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : RE30

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. [2400024500]