

PRODUCT PROPERTIES

- Highly elastic, crack-bridging self-levelling coating
- UV- and weather-resistant
- Good mechanical resistance
- Excellent flow properties even at low layer thicknesses
- Superior cleanability
- Low-emission and total solid according to DBC testing procedures

AREAS OF APPLICATION

- Coating of balconies, loggias and other exterior surfaces
- Suitable as a floor covering in offices, schools, public buildings, retail spaces, showrooms, entrance halls, etc.
- REACH-assessed exposure scenarios: periodic water contact, permanent inhalation, application

APPLICATION ADVICE

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

Priming: MC-DUR 1200 VK or MC-DUR Zero VK, please refer to relevant technical data sheets.

Scratch Coat: Use MC-DUR 1200 VK or MC-DUR Zero VK mixed with oven-dried quartz sand (grain size 0.1-0.3 mm). See relevant technical data sheets for MC-DUR 1200 VK or MC-DUR Zero VK. As a general rule: To ensure proper adhesion, the scratch coat must be broadcast with approx. 1 kg/m² of oven-dried quartz sand (grain size 0.3-0.8 mm).

Application: MC-DUR 2060 UV flow is applied with a trowel, rake or rubber squeegee at the earliest 12 and at the latest 24 hours after application of the scratch coat and deaerated with a spiked roller. For decorative surfaces, MC-DUR 2060 UV flow can be scattered with MC-Dekorchips while still fresh.

Application on vertical surfaces: In sloped or vertical areas, MC-DUR 2060 UV flow is adjusted to approx. 3–5% by weight with a thixotropic agent (MC-Stellmittel TX 19) so that it can be applied with a trowel or roller.

General Information: Coverage, application times, resistance to foot traffic and time until full resistance are determined by temperature and site properties and condition. 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		100 : 35	base component : hardener component
Density	g/cm ³	approx. 1.4	at 20° C and 50 % rel. humidity
Viscosity	mPa · s	approx. 4,000	at 20° C and 50 % rel. humidity
Working time	minutes	approx. 50	
Overworkable after	hours	approx. 16	at 20° C and 50 % rel. humidity
Accessible after	hours	approx. 16	at 20° C and 50 % rel. humidity
Resilient after (full)	days	7	at 20° C and 50 % rel. humidity
Application conditions	°C	≥ 10 ≤ 30	air, material and substrate temperatures
	%	≤ 80	substrate humidity
		≤ 60	rel. humidity (at > 25°C)
	K	3	above dew point
Tensile strength	N/mm ²		DIN 53504
14 d		approx. 8	at 23°C
Ultimate elongation	%		DIN 53504
14 d		approx. 70	at 20° C and 50 % rel. humidity
Shore A hardness			DIN 53505
14 d		approx. 91	at 20° C and 50 % rel. humidity
Consumption	kg/m ²	approx. 1.4	per mm layer thickness

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

Equipment cleaning agent	MC-Cleaner eco
Status	test product (VP)
Product group	Coatings
Product category	Floor coatings
Colour	MC-grey, RAL 7016, RAL 7032, RAL 7035, other colours on request
Storage	Can be stored in cool (below 20°C) and dry conditions for 12 months in original unopened packs. Protect from frost.
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 : PU10

Note: The information in this data sheet must be adapted by the installer, specialist planner, and/or building inspector to the respective construction project, intended use, and specific local conditions. Any non-standard local conditions must be taken into account, and application-specific conditions must be reviewed in advance by the planner/specifier. Deviations from the specified standard conditions 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. [2500029056]