

MC-DUR TopSpeed

Rapid, moisture compatible roller coating



PRODUCT PROPERTIES

- Two-component, low-solvent, UV-stable, fast-curing roller coating based on the KineticBoost-Technology®
- Curing not related to temperature and moisture influence
- Short waiting time between two work steps
- High abrasion and scratch resistance
- Good resistance against diluted acids, bases and saline solutions
- Paint-, roll- and spray application possible
- increased pot time in combination with accelerated curing
- Open to diffusion
- Registered with DGNB (Code: PGA6ES)

AREAS OF APPLICATION

- Reactive resin for mineral based substrates as floor coatings / industrial floors
- Surface protection system OS 8, OS 10 and OS 14 according to DAfStb Rili SIB 2001, DIN EN 1504-2 and DIN V 18026
- Refurbishment of old coatings
- Application even under bad weather conditions
- REACH- assessed exposure scenarios: application, permanent inhalation, watercontact periodical

APPLICATION ADVICE

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	150 : 83	base component : hardener component
Density (mixture)	g/cm ³	approx. 1.34	at 20° C and 50 % rel. humidity
Viscosity	mPa s	approx. 900	at 20° C and 50 % rel. humidity
Working time	minutes		
10 kg container		approx. 120	at 20° C and 50 % rel. humidity
Overworkable after	hours	> 2 < 12	at 20° C and 50 % rel. humidity
Accessible after	hours	2 - 4	depending on layer thickness and temperature / moisture content
Resilient after (full)	hours	approx. 48	at 20° C and 50 % rel. humidity
Application conditions ¹⁾	°C	≥ 2 ≤ 35	Temperatura del aire, soporte y material
	%	≥ 50	temperature must not fall below dew point
Consumption	g/m ²		
As a roller coating		approx. 150 - 400	per operation
Top seal coat		approx. 500 - 600	depending on strewing material and grain size

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

1) Viscosity and consumption depending on material temperature. For ideal consumption quantities and application properties, a material storage at approx. 20 °C is recommended.

Equipment cleaning agent	MC-Reinigungsmittel U
Colour	MC-grey, approx. RAL 7030, approx. RAL 7032, 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 24 months in original unopened packs. Protect from frost.
Packaging disposal	Videz complètement les emballages perdus. Consultez à ce sujet notre fiche d'information "Reprise des emballages de transport et de vente vides". Nous vous l'enverrons volontiers sur demande.
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 : 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. [2400021143]