

# MC-DUR TopSpeed M

Rapid, moisture compatible and matt-transparent sealer



## PRODUCT PROPERTIES

- Matt, two component, transparent, low-solvent, sealer based on the KineticBoost-Technology®
- Curing not related to temperature and moisture influence
- Short waiting time between two working steps
- High abrasion and scratch resistance
- UV-stable
- Registered with DGNB (Code: DSXWRA)

## AREAS OF APPLICATION

- Surface sealing of EP and PU flooring systems
- Application even under bad weather conditions
- REACh-assessed exposure scenarios: application, water contact periodical, permanent inhalation

## APPLICATION ADVICE

**Substrate preparation:** See leaflets "General Application Advice", "Industrial Flooring - substrate and Substrate Preparation" and "Reactive Resins"

**Application decorative coatings:** On fully strewn surfaces, either with quartz sand or decorative chips, MC-DUR TopSpeed M is spread onto the surface with a rubber squeegee or hard rubber float. The following re-roll of the material with a short piled paint-roller is mandatory for a constant matt finish.

**Application smooth surfaces:** On smooth coatings or slightly strewn surfaces with color chips a fine-pored foam roller must be used. The stated coverage rates must be observed. The final degree of matting is achieved after 12 hours. MC-DUR TopSpeed M is applied within the over coating time of the underlying material. If this maximum interval is exceeded, it is necessary to slightly grind the substrate before MC-DUR TopSpeed M is applied. On old coatings application of a test area is recommended.

**General information:** See also leaflet "General Application Advice - Reactive Resins". Ensure thorough mixing of the base and the hardener component. Following mixing material is to be re-potted into a clean container and mixed again. For application in interior areas, ensure good ventilation. Exposure to chemicals may cause color 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. In case of contact with disinfectants or bleaching agents such as chlorine, peroxide and sodium hypochlorite solutions, the colour of the coating surface may fade and micro-cracks and detachments may occur. This is typical for reactive resin coatings and is not a reason for complaints.

Base-component contains drying-agent. Sediments which may appear in the bucket have no influence on the material quality. The sediments, if appeared, must not be mixed up into the material during the normal mixing process.

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	100 : 58	
Density	g/cm <sup>3</sup>	approx. 1.1	at 20° C and 50 % rel. humidity
Viscosity	mPa s	approx. 600	at 20° C and 50 % rel. humidity
Working time	minutes	approx. 30	at 20° C and 50 % rel. humidity
Overworkable after	hours	approx. 3 approx. 4	at 20° C and 50 % rel. humidity at 2°C and 50% rel. humidity
Accessible after	hours	approx. 3 - 4	depending on layer thickness and temperature / moisture content
Resilient after (full)	days	2	at 20° C and 50 % rel. humidity
Application conditions <sup>1)</sup>	°C	≥ 2 ≤ 35	air, substrate and material temperatures
	%	≥ 50	temperature must not fall below dew point
Consumption	g/m <sup>2</sup>		
Top seal coat		approx. 400 - 600	of fully broadcast areas
Matting		approx. 100 - 150	on smooth coatings and lightly broadcasted surfaces

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	transparent
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 : PU35

**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. [2300018259]