

# MC-DUR TopSpeed T

Rapid, transparent and moisture compatible sealer



## PRODUCT PROPERTIES

- Two component, glossy, transparent, low-solvent, sealer based on the KineticBoost-Technology®
- UV-stable
- Fast-curing
- Curing not related to temperature and moisture influence
- Short waiting time between two work steps
- Increased working time and accelerated curing
- Registered with DGNB (Code: W69563)

## AREAS OF APPLICATION

- Sealer for coatings strewn with MC-Dekorchips and MC-Dekorsand
- Application even under bad weather conditions
- REACH-assessed exposure scenarios: application, permanent inhalation, watercontact periodical

## APPLICATION ADVICE

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

**Application as topcoat:** MC-DUR TopSpeed T is rolled crosswise, strip-and lap free, on top of the with MC-Dekorchips or MC-Dekorsand strewn substrate. For optimal and uniform gloss, rolling crosswise is mandatory. For the application a short piller roller has to be used. The recommended coverage needs to be observed. Application on a test area is recommended. MC-DUR TopSpeed T must not be used as a sealer on smooth coatings.

**Application on vertical areas:** On sloped or vertical areas, MC-DUR TopSpeed T is added approx. 2 - 4 weight-% MC-Stellmittel TX 19.

**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. 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 microcracks 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 : 88	base component : hardener component
Density	g/cm <sup>3</sup>	approx. 1.1	at 20° C and 50 % rel. humidity
Viscosity	mPa s	approx. 650	at 20° C and 50 % rel. humidity
Working time	minutes	approx. 45	at 20° C and 50 % rel. humidity
Overworkable after	hours		at 20° C and 50 % rel. humidity
		≥ 3	
		≤ 12	
Accessible after	hours	approx. 3	depending on layer thickness and temperature / moisture content
Resilient after (full)	hours	48	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>	400	

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
Delivery form	10 kg packs
Storage	Can be stored in cool (below 20°C) and dry conditions for 18 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 Allj (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. [2300018261]