

# MC-DUR 1365 HBF

Moisture resistant epoxy-based primer



## PRODUCT PROPERTIES

- Two-component, filled epoxy resin
- Excellent bonding on damp, mineral-based or other difficult substrates
- Resistant to saponification, chemical resistant to acids and bases

## AREAS OF APPLICATION

- Bond coat for subsequent epoxy resin coatings on damp or other difficult substrate
- Bond for oil-contaminated substrates which were cleaned beforehand
- REACh-assessed exposure scenarios: periodical inhalation, application

## APPLICATION ADVICE

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

**Application:** MC-DUR 1365 HBF is applied with a lambskin-roller or steel float. To achieve optimal adhesion MC-DUR 1365 HBF must intensively be worked into the substrate. The applied bond coat is slightly strewn with oven-dried quartz sand (grain size 0.3-0.8 mm, coverage approx. 1,000-2,000 g/m<sup>2</sup>). After a waiting period of at least 24 hours at 20 °C the second layer of MC-DUR 1365 HBF is applied and strewn as described above. After further 24 hours at 20 °C MC-DUR 1365 HBF can be overcoated with other MC-DUR reactive resins (a subsequent overcoating with a product of the MC-DUR TopSpeed product range is not possible). Please ask for our technical advice. Coverage rates depend on roughness and temperature of the substrate as well as storage and application temperature. We recommend application of a sample area to determine the exact coverage rates.

**General Information:** Must not be used under products of the MC-DUR TopSpeed-range. 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	mass fractions	3 : 1	base component : hardener component
Density	g/cm <sup>3</sup>	1.34	
Viscosity	mPa s	approx. 12,000	at 20° C and 50 % rel. humidity
Working time	minutes	approx. 35	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	≥ 10 ≤ 30	air, substrate and material temperatures
	%	≤ 85	rel. humidity
Consumption	kg/m <sup>2</sup>	approx. 0.8 - 1	

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

Equipment cleaning agent	MC-Reinigungsmittel U
Colour	green
Delivery form	10 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. [2300018197]