

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 oil-contaminated substrates which were cleaned beforehand
- REACh-assessed exposure scenarios periodical inhalation application

Application

Substrate Preparation/ Mixing

See leaflets "General Application Advice": "MC-Industrial Floors - 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 0.2-0.6 mm, coverage approx. 1,000-2,000 g/m²). 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- Floor 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 on of a sample area to determine the exact coverage rates.

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 Data for MC-DUR 1365 HBF

Characteristic	Unit	Value	Comments
Mixing ratio	p.b.w.	3 : 1	base : hardener
Density	g/cm ³	approx. 1.34	-
Viscosity	mPa•s	approx. 12,000	at 20°C and 50% relative humidity
Pot life	minutes	approx. 35	at 20°C and 50% relative humidity
Resistant to foot traffic after...	hours	approx. 12	at 20°C and 50% relative humidity
Time in full resistance	days	7	at 20°C and 50% relative humidity
Application conditions	°C	≤ 10; ≤ 30	air, material and substrate temperature relative humidity
	%	< 85	
Coverage	kg/m ²	approx. 0.8 -1.0	

Product Characteristics for MC-DUR 1365 HBF

Cleaning agent	MC-Reinigungsmittel U
Colour	Green
Delivery	10 kg packs
Cleaning agent	Water
Storage	Can be stored in original sealed packages at temperatures below +20°C in dry conditions for at least 12 months. Protect from frost!
Disposal	Packs must be emptied completely.
EU-regulation 2004/42 (Decopaint Standard)	RL2004/42/EG All/j (500 g/l) ≤ 500 g/l VOC

Safety Advice

Please take notice of the safety information and advice given on the packaging labels and safety information sheets and please take notice of the leaflet "Safety Measures for Handling Coating Materials and Reactive Resins".

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 03/20. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.