MC-DUR 2500 VE

Primer and sealer for MC-DUR 2500

BE SURE. BUILD SURE.

PRODUCT PROPERTIES

- High mechanical and chemical resistance
- Solvent-free, free from plasticisers

AREAS OF APPLICATION

- Food industry
- Chemical industry
- Washing bays
- REACH-assessed exposure scenarios: periodical inhalation, application

APPLICATION ADVICE

Substrate Preparation: See leaflet “Industrial Flooring - Substrate and Substrate Preparation“. Substrates exposed to heat (> 60 °C) must not contain any reaction resin based layers.

Anchoring Grooves: To prevent the outer edges of the coating from curling, anchoring grooves (depth and width = min. double layer thickness) have to be cut into the substrate. The anchoring grooves have to surro-und the entire daywork and all parts protruding the coating.

Mixing: MC-DUR 2500 VE consists of three components: component A (base), component B (hardener) and component C (aggregate), supplied in pre-packed quantities. Component A must be agitated separately before use. Before application component A and C are mixed thoroughly under constant stirring. After approx. 2 minutes component B is added to the mixture and mixed for another 2 minutes.

Application as primer: After mixing MC-DUR 2500 VE is rolled onto the substrate and strewn fresh-in-fresh with oven-dried quartz sand 0.2 - 0.6 mm. The primer can be over-coated after 12 hours at 20 °C at the earliest. Anchoring grooves are also primed. Ensure that the anchoring grooves are not clogged by excess material of the primer.

Application as top sealer: Any loose aggregates are to be removed before application of the top sealer. MC-DUR 2500 VE is poured onto the substrate and immediately spread using a rubber squeegee. Afterwards the surface is rolled with a short-piled lambskin roller.

General Information: Coverage, application time, resistance to foot traffic and time until fill resistance are determined by temperature and object 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.

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TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	2.5 : 2.6 : 1.7	base component : Hardener component : aggregate
Density	g/cm³	approx. 0.96	
Working time	minutes	approx. 15	at 20°C and 50% rel. humidity
Accessible after	hours	approx. 8	at 20°C and 50% rel. humidity
Resilient after	hours	24	at 20°C and 50% rel. humidity
Application conditions	°C	> 12 < 30	air and substrate temperatures
	%	< 85	rel. humidity
	K	3	above dew point
Consumption	kg/m²	0.6 - 0.8	

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

Equipment Cleaning Agent	MC-Verdünnung PU
Colour Shade	green, grey, Beige, red
Delivery Form	Component A: 2.5 kg canister Component B: 2.6 kg canister Component C: 1.7 kg bucket
Storage	Can be stored in cool (below 20°C) and dry conditions for 6 months in original unopened packs. Protect from frost.
Packaging Disposal	Make sure single-use containers are completely empty. Ensure compliance with our information leaflet “Return of Emptied Transportation and Sale Packaging”. We will be glad to send you this on request.
EU Regulation 2004/42 (Decopaint Directive)	RL2004/42/EG AII/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 : PU40

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