



# MC-DUR SL

## Easy-to-apply, decorative floor coating system

### Product Properties

- Decorative EP-coating system, applied in one labour step
- Various standard colours, individual design by means of accent colours
- Excellent cleaning properties, impermeable to liquids, resistant to medium mechanical and light chemical impact
- Highly UV-resistant

### Areas of Application

- Floor coating in various areas of trade and industry, e.g. sales rooms, supermarkets, offices, laboratories, conference rooms
- REACh-assessed exposure scenarios: long-term inhalation, application

### Application

#### Substrate Preparation

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

#### Priming

Mineral-based substrates are primed with MC-DUR 1200 VK. See leaflet "General Application Advice - Reactive Resins". If the primer cannot be overcoated within 24 hours the still fresh primer is to be strewn with oven-dried quartz sand (0.1 - 0.3 mm), coverage approx. 1 - 2 kg/m<sup>2</sup>.

#### Scratch Coat

MC-DUR 1200 VK is filled with oven-dried quartz sand (0.1 - 0.3 mm) in a mixing ratio of 1 : 1 and applied using a steel trowel. See leaflet "General Application Advice - Reactive Resins". If the scratch coat cannot be overcoated within 24 hours, the fresh coating is to be strewn with oven-dried quartz sand (0.1 - 0.3 mm), coverage approx. 1 - 2 kg/m<sup>2</sup>.

#### Application

MC-DUR 1204 is mixed and re-potted. Afterwards the resin is added under constant stirring to the dry material. Resin and Dekomix are supplied in pre-packed quantities. Mixing takes at least 3 minutes. The mixed material is poured onto the substrate and spread in a layer thickness of 2 to 2.5 mm using a 9 mm -triangle- toothed steel

trowel.

For layer thicknesses of  $\geq 3$  mm we recommend to use a triangle-toothed blade. Connecting areas must be applied within 10 minutes. After approx. 10 minutes the surface is deaerated thoroughly and cross-wise using a spiked roller.

#### Surface Finish

The surface has to be overcoated with the matt sealer MC-DUR 2095 M after 12 to 48 hours (related to 20 °C). MC-DUR 2095 M must be applied streak-free and cross-wise using a 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.



## Technical Data for MC-DUR SL

Characteristic	Unit	MC-DUR 1204	Comments
Mixing ratio	p.b.w.	2.5 : 1	base : hardener
Density	g/cm <sup>3</sup>	approx. 1.1	-
Viscosity	mPa·s	approx. 1,200	at 20 °C and 50 % rel. humidity
	<b>Mixing</b>	<b>1 p.b.w. MC-DUR 1204 :</b> <b>2 p.b.w. Dekomix</b>	
Application time	minutes	approx. 20	
Resistant to foot traffic after	hours	approx. 12	
Time until full resistance	days	7	
Application conditions	°C	> 10 - < 30	air, material and substrate temperature
	%	< 85	relative humidity
	K	3	above dew point
Coverage	kg/m <sup>2</sup>	4.2	of the mixture for approx. 2 mm layer thickness

## Product Characteristics for MC-DUR SL

Cleaning agent	MC-Reinigungsmittel U		
Standard colours	MC-DUR 1204:	transparent	
	Dekormix:	light-grey, middle-grey, dark-grey	
Delivery	MC-DUR 1204:	10 kg packs	
	Dekormix:	20 kg hobbock	
Storage	Can be stored in original sealed packages at temperatures below 20 °C in dry conditions for at least 1 year. Protect liquid components from frost! Same requirements are valid for transport!		
Disposal	Packs must be emptied completely.		
EU-regulation 2004/42 (Decopaint standard)	RL2004/42/EG All/j (550/500 g/l) max 11 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 chapter "Safety Measures for Handling Coating Materials and Reactive Resins".

MC-DUR 1204: GISCODE: RE1 / MC-DUR 2095 M: GISCODE: PU40

**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 04/09. 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.