



# MC-DUR Terrazzo

## Decorative terrazzo coating

### Product Properties

- Decorative terrazzo floor coating
- Terrazzo with highly increased resistance to mechanical abrasion and chemicals
- Variety of colours, low yellowing
- Easy to clean, liquid-tight

### Areas of Application

- For various areas of food industry, pharmaceutical- and chemical industry
- Floor coating in highly frequented areas of public buildings (tertiary sector), trade and commerce
- Decorative floor coating for sales areas and hygienically sensitive areas
- REACh-assessed exposure scenarios: periodical water-contact, long-term inhalation, application

### Application

#### Substrate Preparation

See leaflet "General Application Advice": "Industrial Flooring - Substrate and Substrate Preparation".

#### Priming

Mineral substrates are primed with MC-DUR 1205. See leaflet "General Application Advice - Reactive Resins".

The fresh primer is strewn with 1 - 2 kg/m<sup>2</sup> oven-dried quartz sand (1 - 2 mm). See also technical data sheet.

#### Mixing

In a first step the pre-packed quantities of MC-DUR Terrazzomix and MC-Special Aggregate ES are mixed using a suitable free-fall mixer. The binder MC-DUR 1202 is mixed in a separate container. See leaflet "General Application Advice - Reactive Resins".

The mixed binder is added to the Terrazzomix in a mixing ratio of 1 : 6 p.b.w. and mixed until homogeneous, using a suitable forced action mixer. Smaller quantities can be mixed with a double-paddled mixer.

#### Application

MC-DUR 1202 is filled with the Terrazzomix in a mixing ratio of 1 : 6 p.b.w., applied with gauges in a layer thickness of 10 mm and afterwards compacted and smoothed.

After curing the surface is grinded (**dry**) with a three-plate diamond grinding machine. The surface is cleaned thoroughly with an industrial vacuum cleaner.

Afterwards MC-DUR 1202 is applied as pore filler, using a steel float.

After curing the surface is grinded again (**wet**) with a three-plate diamond grinding machine, cleaned and dried.

To achieve a matt finish MC-DUR Terrazzo can be sealed with MC-DUR 2095 M. See technical data sheet of MC-DUR 2095 M.

#### 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 1205/ MC-DUR 1202

Characteristic	Unit	Value	Value	Comments
		MC-DUR 1205	MC-DUR 1202	
Mixing ratio	p.b.w.	2 : 1	3 : 1	base : hardener
Density	g/cm <sup>3</sup>	approx. 1.1	approx. 1.15	-
Viscosity	mPa·s	approx. 600	approx. 1,000	at 20 °C and 50 % rel. humidity
Pot life	minutes	approx. 20	approx. 25	at 20 °C and 50 % rel. humidity
Resistant to foot traffic after	hours	approx. 12	approx. 12	at 20 °C and 50 % rel. humidity
Time until full resistance	days	7	7	at 20 °C and 50 % rel. humidity
Min. application conditions	°C	≥ 10 - ≤ 30	≥ 10 - ≤ 30	air, material and substrate temperature relative humidity above dew point
	%	≤ 85	≤ 85	
	K	3	3	
Coverage	kg/m <sup>2</sup>	0.3 - 0.4		Priming MC-DUR 1202 Pore filler
	kg/m <sup>2</sup> /mm		0.32	
	kg/m <sup>2</sup>		0.1	
Terrazzomix	kg/m <sup>2</sup> /mm	1.9		MC-DUR Terrazzomix incl. MC-Spezialkörnung ES (MC-Special Aggregates ES)

### Product Characteristics for MC-DUR 1205/ MC-DUR 1202

	MC-DUR 1205	MC-DUR 1202
Cleaning agent	MC-Reinigungsmittel U	MC-Reinigungsmittel U
Standard colour	transparent	RAL 9010
Delivery	10 and 30 kg single components in 200 kg drums	10 kg
EU-regulation 2004/42 (Decopaint standard)	RL2004/42/EG All/j (550/500 g/l) max 147 g/l VOC	RL2004/42/EG All/j (550/500 g/l) max 164 g/l VOC
Storage	Can be stored in original sealed packages at temperatures below 20 °C in dry conditions for at least 1 year. Protect from frost! The same requirements are valid for transport!	
Disposal	Packs must be emptied completely.	

### 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". GISCODE: RE1

**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 ur 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 06/10. 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.