



# MC-DUR 2052 AM

## Silicone-free, antiskid polyurethane-resin coating

### Product Properties

- Two-component, pigmented polyurethane-based coating
- Fulfills the requirements of the automobile industry
- Anti-skid coating for mineral and asphalt-bound substrates

### Areas of Application

- Coating for DIY-stores, warehouses and shopfloors, laboratories, office-rooms, production facilities
- Production facilities of the automobile industry
- Coating for interior asphalt surfaces
- For use in industrial areas or similar
- REACh-assessed exposure scenarios: periodical water-contact, periodical inhalation, application

### Application

#### Substrate Preparation/Mixing

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

#### Priming

Use MC-DUR 1200 VK, please refer to technical  
data sheet "MC-DUR 1200 VK".

#### Scratch Coat (concrete surfaces)

MC-DUR 1200 VK and oven-dried quartz-sand  
(grain size 0.1 - 0.3 mm). Please refer to technical  
data sheet "MC-DUR 1200 VK".  
General: To achieve sufficient adhesion the scratch  
coat is strewn with 1 - 2 kg/m<sup>2</sup> oven-dried quartz-  
sand (grain size 0.2 - 0.6 mm).

#### Application

MC-DUR 2052 AM is applied 12 to 24 hours after  
application of the scratch coat, using a float, pin  
screed or rubber squeegee, and deaerated with a  
spiked roller. For higher surface friction finishes  
the fresh coating is strewn in excess (approx. 5 - 6  
kg/m<sup>2</sup>) with oven-dried quartz-sand (e.g. 0.2 - 0.6  
mm or coarser). After curing excess sand is remo-  
ved and a top sealer can be applied. The top sea-  
ler is preferably applied using a rubber float.

Asphalt-bound substrates are treated in two work-  
steps: In the first step MC-DUR 2052 AM is  
applied just above the grain tips. In case of very

rough substrates MC-DUR 2052 AM is filled with  
approx. 1 : 0.5 p.b.w. oven-dried quartz-sand (grain  
size 0.1 - 0.3 mm). The fresh coating is slightly  
strewn (approx. 1 - 2 kg/m<sup>2</sup>) with oven-dried  
quartz-sand (grain size 0.1 - 0.3 mm). The top  
coat is applied as a self-leveller or as a sealer  
coat.

#### Application on vertical surfaces

On sloped or vertical surfaces MC-DUR 2052 AM  
is added approx. 3 - 5 weight-% of  
MC-Stellmittel TX 19  
(MC-Thixotropic Agent TX 19).

#### 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 2052 AM

Characteristic	Unit	Value	Comments
Mixing ratio	p. b. w.	5 : 1	base : hardener
Density	g/cm <sup>3</sup>	approx. 1.45	-
Viscosity	mPa·s	approx. 5,000	at 20 °C and 50 % relative humidity
Pot Life	minutes	approx. 30	at 20 °C and 50 % relative humidity
Resistant to foot traffic after...	hours	approx. 12	at 20 °C and 50 % relative humidity
Time until full resistance	days	7	at 20 °C and 50 % relative humidity
Application conditions	°C	≥ 10 - ≤ 30	air, material and substrate temperature
	%	≤ 60	relative humidity
	K	3	above dew point
Coverage	kg/m <sup>2</sup>	approx. 1.5	per mm layer thickness

## Product Characteristics for MC-DUR 2052 AM

Standard colour	MC-grey, approx. RAL 1001, 3009, 6011, 7023, 7030, 7032; further colours on request
Delivery	12 and 30 kg packs
Cleaning agent	MC-Reinigungsmittel U
Storage	Can be stored in cool (below 20 °C) and dry conditions for at least one year in original unopened packs. Protect from frost!
Disposal	Packs must be emptied completely.
EU-regulation 2004/42 (Decopaint standard)	RL2004/42/EG All/j (550/500 g/l) max 35 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". 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.