MC-DUR 1800 TX-AS

Thixotropic, conductive epoxy resin sealer

BE SURE. BUILD SURE.

PRODUCT PROPERTIES

- Two-component, pigmented epoxy resin sealer
- Increased chemical resistance

AREAS OF APPLICATION

- Conductive sealing of mineral substrates and steel
- REACH-assessed exposure scenarios: periodical inhalation, application

APPLICATION ADVICE

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:
Scratch coat consisting of MC-DUR 1200 VK and oven-dried quartz-sand (0.1 - 0.3 mm). Please refer to our technical data sheet “MC-DUR 1200 VK”.

Application:
12 to 24 hours after application of the scratch coat the earthing terminals are to be set in a maximum distance of 15 meters. Then the electrially conductive intermidiale layer MC-DUR GLW is applied (see technical datasheet „MC-DUR GLW“) MC-DUR 1800 TX-AS is rolled on cross-wise in a single work-step with a coverage of approx. 500 g/m^2.

Conductive, slightly slip-resistant structured coating:
MC-DUR 1800 TX-AS (approx. 550 g/m²) is mixed with 1% by weight of MC-Stellmittel TX 19 and then rolled crosswise onto the substrate using a short-pile paint roller. After application, the coating material is backrolled crosswise with a structured roller. To maintain a uniform appearance, the structured roller must be rolled out dry regularly and exchanged depending upon its wear.

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. After completition of the reaction, depending on the ambient conditions, MC-DUR 1800 TX-AS can form a thin, sticky carbamate film on the surface, which can be easily removed with slightly acidic cleaning agents.

MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8 · 46238 Bottrop
Tel. +49 (0) 2041-101 0 · Fax: +49 (0) 2041-101 400
info@mc-bauchemie.de · www.mc-bauchemie.de

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	3 : 1	base component : hardener component
Density	g/cm³	approx. 1.48	
Viscosity	thixotropic		at 20° C and 50 % rel. humidity
Working time	minutes	approx. 20	at 20° C and 50 % rel. humidity
Accessible after	hours	approx. 12	at 20° C and 50 % rel. humidity
Resilient after (full)	days	7	at 20° C and 50 % rel. humidity
Application conditions	°C	≥ 10 ≤ 30	Temperatura del aire, soporte y material
	%	≤ 85	rel. humidity
	K	3	above dew point
Consumption	g/m²	approx. 500	
		approx. 550	single-layer slip resistant coating
	All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.		

Equipment cleaning agent	MC-Reinigungsmittel U
Colour	MC-grey, RAL 7023, RAL 7032, other colours on request
Delivery form	10 kg packs
Storage	Can be stored in cool (below 20°C) and dry conditions for 12 months in original unopened packs. Protect from frost.
Packaging disposal	Make sure single-use containers are completely empty.
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 : RE50

MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8 · 46238 Bottrop
Tel. +49 (0) 2041-101 0 · Fax: +49 (0) 2041-101 400
info@mc-bauchemie.de · www.mc-bauchemie.de