Reparoxyd FA
(MC-DUR 3500 FA)

Rapid-curing, special acrylate-based polymer-mortar

BE SURE. BUILD SURE.

PRODUCT PROPERTIES

- Two-component, modified special acrylate-mortar
- Capable of load-bearing after a few hours, even in temperatures below zero
- Adjustable consistency due to variable mixing ratios

AREAS OF APPLICATION

- Partial repairs and disruptions in asphalt
- REACH-assessed exposure scenarios: periodical water-contact, periodical inhalation, application

APPLICATION ADVICE

Substrate preparation/mixing: See information sheet “Underground preparation/mixing for reaction resin coatings”. See information sheet “General processing instructions for Reparoxyd acrylic mortar” and “Processing of reaction resins”.

Priming: Asphalt substrates are primed with Reparoxyd Primer by roller application. Reparoxyd FA is then applied fresh-in-fresh. Steel surfaces are primed with Colusal SP
(see data sheet). After a waiting time of at least 12-24 hours, Reparoxyd FA is installed.

Installation: The consistency of Reparoxyd FA can be varied by adding the hardener component (liquid). As standard, 12.33 parts by weight of liquid component are added to 100 parts by weight of powder. The liquid component can be reduced to approx. 10 parts by weight (tamping mortar) or increased to approx. 16 parts by weight (casting mortar). For thicker layers, Reparoxyd FA can be filled with fire-dried quartz sand. If possible, the substrate should not be warmer than + 25 °C, as otherwise the curing process will be abrupt.

Special notes: Consumption quantities, processing time, walkability and achievement of load-bearing capacity depend on temperature and object. See information sheet “Processing reactive resins”. Please note the other information in the section “Processing reactive resins” with regard to batch color consistency. Chemical stress and exposure to light can lead to changes in color, which generally do not impair suitability for use. Chemically and mechanically stressed surfaces are subject to wear and tear due to use. Regular inspection and ongoing maintenance are recommended.

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	p.b.w.		powder component : liquid
		100 : 12.33	
		100 : 10	trowelable consistency
		100 : 16	pouring consistency
With sand filler	mass fractions	1 : 0.4	Mixture : Sand (4-6 mm)
Density	g/cm³	2.1	
		2.2	pre-filled
Working time	minutes	11	at 20 °C
Resilient after	hours	0.75	at 20 °C
Compressive strength	N/mm²		
2 h		32	
Application conditions	°C	≥ -10 ≤ 25	air and substrate temperatures
	%	≤ 85	rel. humidity
	K	3	above dew point
	°C	> 5	material temperature
Consumption	kg/m²	approx. 2.1	per mm layer thickness
	All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.		

Equipment cleaning agent	MC-Reinigungsmittel U
Colour	anthracite grey
Delivery form	16.95 kg packs
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.

Safety instructions
Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : RMA20

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