

# MC-DUR 3500 KH

## Rapid-curing special polymer mortar for deep-freeze cold stores

### Product Properties

- Two-component special-acrylate mortar
- Low odour development
- Resistant to load after only 4 hours at - 20 °C
- Application without priming
- High final strength

### Areas of Application

- Suitable for application temperatures of - 18 °C to - 28 °C
- Partial repair and small area coatings in cold stores, i.e. broken joint edges, lane grooves and aisles
- REACh-assessed exposure scenarios: periodical inhalation, application

### Application

#### Substrate Preparation

See leaflets "Industrial Flooring – Substrate and Substrate Preparation" and "Reactive Resins".

#### Storage before Application

The powder component (component A) must be stored in the cold store (min. - 18 °C) for at least 12 hours before application. The liquid component (component B) is to be stored outside the cold store at ambient temperatures of < + 10 °C.

#### Application

The mixed mortar is applied onto the prepared, cleaned substrate, using a trowel or a float.

The minimum layer thickness is 10 mm.

Below - 18 °C the maximum layer thickness is 35 mm. Below - 22 °C the maximum layer thickness is 50 mm. Deeper breakouts can be fixed with

several layers. Each single layer has to be strewn with oven-dried quartz sand ( $\geq 1$  mm aggregate size) and must cool down to - 18 °C again before applying the next layer.

#### General Information

Coverage, application time, resistance to foot traffic and time until full resistance are determined by temperature and object properties and conditions. 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".

Mechanically and chemically exposed surfaces are subject to wear and tear. Regular check-ups and maintenance are advised.



## Technical Data for MC-DUR 3500 KH

Characteristic	Unit	Value	Comments
Mixing ratio	p.b.w.	100 : 18	
Density	g/cm <sup>3</sup>	approx. 2.0	
Resistant to load after	hours	4	at - 20 °C
Application time	minutes	approx. 15	at - 20 °C
Minimum application conditions	°C %	≤ - 18 - ≥ - 28 ≤ 85	air and substrate temperature relative humidity

## Product Characteristics for MC-DUR 3500 KH

Cleaning agent	MC-Reinigungsmittel U
Standard colour	grey
Delivery	10 kg packs
Storage	Can be stored in original sealed packages at temperatures below 20 °C in dry conditions for at least 6 months. Protect liquid components from frost!
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: RMA10

**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.

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