

MC-DUR 3500 Cold Store Pro

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

Product Properties

- Two-component special coating
- Low smell development
- Resistant to load after only 6 hours at - 20 °C
- High final strength and abrasion resistance
- Layer thickness 5 - 10 mm

Areas of Application

- Suitable for application temperatures of - 18 °C to - 26 °C
- Odourless coating material for cold stores without down times
- 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 temperatures between 2 °C and 8 °C.

Application

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

The layer thickness is 5-10 mm.

Following hardening of the coating (approx. 4-6 hours) the surface is slightly grinded.

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".

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

Safety Advice

Observe the hazard notices and safety advice on the labels and safety datasheets. For further safety guidance see our information sheet "Safety measures when using reaction-cured plastics".



Technical Data for MC-DUR 3500 Cold Store Pro

Characteristic	Unit	Value	Comments
Mixing ratio	p.b.w.	4 : 1	
Density	kg/dm ³	approx. 2.0	
Resistant to load after	hours	6	at - 20 °C
Application time	minutes	approx. 20	at - 20 °C
Minimum application conditions	°C %	≤ - 18 ; ≥ - 26 ≤ 85	air and substrate temperature relative humidity

Product Characteristics for MC-DUR 3500 Cold Store Pro

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! 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".

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 10/09. 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.