

MC-DUR 2500 VE

Primer and sealer for MC-DUR 2500



PRODUCT PROPERTIES

- High mechanical and chemical resistance
- Solvent-free, free from plasticisers

AREAS OF APPLICATION

- Food industry
- Chemical industry
- Washing bays
- REACH-assessed exposure scenarios: periodical inhalation, application

APPLICATION ADVICE

Substrate Preparation: See leaflet "Industrial Flooring - Substrate and Substrate Preparation". Substrates exposed to heat (> 60 °C) must not contain any reaction resin based layers.

Anchoring Grooves: To prevent the outer edges of the coating from curling, anchoring grooves (depth and width = min. double layer thickness) have to be cut into the substrate. The anchoring grooves have to surround the entire daywork and all parts protruding the coating.

Mixing: MC-DUR 2500 VE consists of three components: component A (base), component B (hardener) and component C (aggregate), supplied in pre-packed quantities. Component A must be agitated separately before use. Before application component A and C are mixed thoroughly under constant stirring. After approx. 2 minutes component B is added to the mixture and mixed for another 2 minutes.

Application as primer: After mixing MC-DUR 2500 VE is rolled onto the substrate and strewn fresh-in-fresh with oven-dried quartz sand 0.2 - 0.6 mm. The primer can be over-coated after 12 hours at 20 °C at the earliest. Anchoring grooves are also primed. Ensure that the anchoring grooves are not clogged by excess material of the primer.

Application as top sealer: Any loose aggregates are to be removed before application of the top sealer. MC-DUR 2500 VE is poured onto the substrate and immediately spread using a rubber squeegee. Afterwards the surface is rolled with a short-piled lambskin roller.

General Information: Coverage, application time, resistance to foot traffic and time until fill resistance are determined by temperature and object 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 VALUES & PRODUCT CHARACTERISTICS

| Characteristic | Unit | Value | Comments |
|------------------------|-------------------|-----------------|---|
| Mixing ratio | mass fractions | 2.5 : 2.6 : 1.7 | base component : Hardener component : aggregate |
| Density | g/cm ³ | approx. 0.96 | |
| Working time | minutes | approx. 15 | at 20°C and 50% rel. humidity |
| Accessible after | hours | approx. 8 | at 20°C and 50% rel. humidity |
| Resilient after | hours | 24 | at 20°C and 50% rel. humidity |
| Application conditions | °C | > 12 < 30 | air and substrate temperatures |
| | % | < 85 | rel. humidity |
| | K | 3 | above dew point |
| Consumption | kg/m ² | 0.6 - 0.8 | |

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

| | |
|---|--|
| Equipment Cleaning Agent | MC-Verdünnung PU |
| Colour Shade | green, grey, Beige, red |
| Delivery Form | Component A: 2.5 kg canister Component B: 2.6 kg canister Component C: 1.7 kg bucket |
| 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. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request. |
| EU Regulation 2004/42 (Decopaint Directive) | RL2004/42/EG All/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 : PU40

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2100005509]