

MC-DUR 2496 CTP

**Special-Sealer for the use
in power plant construction**

Product Properties

- Two-component, low-solvent, fast-curing special-polyurethane sealer
- Good resistance against diluted acids, bases and saline solutions
- Application by brush, roller and spraying technique

Areas of Application

- Sealing and coating of mineral-based substrates, particularly for protection of inner, shells of cooling towers
- REACh- assessed exposure scenarios: application, periodical inhalation

Application

Substrate Preparation

See leaflets "General Application Advice": "Industrial Flooring - Substrate and Substrate Preparation" and "Reactive Resins".

Priming

Mineral substrates are levelled with Zentrifix F82 XX (see technical data sheet Zentrifix F82 XX).

Application

Following a waiting time of approx. 72 hours MC-DUR 2496 CTP is applied crosswise and streak-free using a short-piled roller. Indicated coverage rates must be observed. Usually two work steps are required to achieve the optimal colouring. The waiting time between the two work steps is at least 6 and max. 24 hours (20 °C / 50 % relative humidity). Higher humidity reduces the waiting time and lower humidity increases the waiting time. In case of spray application please request our technical support.

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".

Ensure thorough mixing of the base and the hardener component. Following mixing material is to be re-potted into a clean container and mixed again.

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 Data for MC-DUR 2496 CTP

Characteristic	Unit	Value	Comments
Mixing ratio	p.b.w.	100 : 55	base : hardener
Density	g/cm ³	approx. 1.35	at 20 °C and 50 % relative humidity
Viscosity	mPas	approx. 900	at 20 °C and 50 % relative humidity
Application time	minutes	approx. 60	at 20 °C and 50 % relative humidity
Curing time (dust-dry)	hours	min. 4	
Time until full resistance	days	7	at 20 °C and 50 % relative humidity
Application conditions	°C	≥ + 2 - ≤ + 35	air-, material- and substrate temperature The dew point must not fall below
Coverage	g/m ²	approx. 350 - 450	= approx. 230 - 290 µm dry layer thickness

Product Characteristics for MC-DUR 2496 CTP

Cleaning agent	MC-Reinigungsmittel U
Standard colours	grey
Deliver	10 kg
Storage	Can be stored in cool (below 20 °C) and dry conditions for approx. 6 months in original unopened packs. Protect from frost!
Disposal	Packs must be emptied completely.
EU-regulation 2004/42 (Decopaint-standard):	RL2004/42/EG All/j (500 g/l) max 134 g/l VOC

Safety Advice

Please take notice of the safety information and advice given on the packaging labels and the safety information sheets.

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 07/12. 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.