



# MC-DUR 1250 TX

## Resin-based fine filler

### Product Properties

- Resin based; two-component; solvent-free
- Curing-free
- High adhesive strength, stable
- Application by hand and spraying technique
- Soft, easy to spread consistency
- May be used as pore filler, scratch coat and surface filler
- High carbonation resistance
- Resistant to elevated temperatures, frost and de-icing salts
- Class R4 according to EN 1504 part 3
- Excellent application properties
- Low-flammable, building material class C-s1, d0 according to EN 13501-1
- High chemical resistance

### Areas of Application

- Tested and certified as inner tunnel coating system with MC-Color Flair vision T and MC-DUR 2496 CTP
- Levelling of mineral substrates, e.g. wall surfaces of inner tunnel shells
- Certified in accordance with EN 1504 part 3 for principle 3, procedure 3.1 and 3.3.
- Fulfills the requirements according to Astra leaflet Tunnel Coating Systems and Colour Design
- Fulfills the requirements according to ÖBV leaflet Tunnel Coatings
- Creation of coverings
- Repair, reprofiling, bonding of concrete components and renovation of staircase steps

### Application

#### Substrate preparation

See leaflet "Substrate and Substrate Preparation" .

#### Mixing

MC-DUR 1250 TX consists of base and hardener component supplied in pre-packed quantities. Prior to application, the base component must be stirred for at least 1 minute. Afterwards both components are mixed thoroughly using a slowly rotating mixer (Eibenstock EHR 20/2.5 S). Following mixing, MC-DUR 1250 TX is repotted into a clean container and stirred again until homogeneous.

#### Priming

Use MC-DUR 1200 VK or MC-DUR 1177 WV-A as primer.

#### Application

MC-DUR 1250 TX may be applied by hand or spraying. Following mixing MC-DUR 1250 TX is applied within the indicated application time, in two layers, to achieve a dense and close surface.

The first layer must be worked in thoroughly like a scratch coat. For spray application a worm or piston pump with adjustable discharge flow should be used. Please request our technical advice.

For application of higher layer thicknesses (filling/leveling of disruptions) MC-DUR 1250 TX can be filled up to 20 % by weight of quartz sand (0.2 - 0.6 mm).

#### Finishing

The final layer is levelled using a stainless steel-, sword- or butterfly float and smoothed again in order to increase the surface smoothness and density.

Application must not proceed during rain, high humidity, frost or risk of frost. Protect freshly applied layers for 24 hours from water, intensive sunlight and condensate formation.

#### General information

See leaflet "General Application Advice – Reactive Resins ".



### Technical Data MC-DUR 1250 TX

Characteristic	Unit	Value*	Comments
Mixing ratio	p.b.w.	8 : 1	base : hardener
Density (mixed)	g/cm <sup>3</sup>	1.7	
Viscosity (mixed )	mPa s	thixotropic	
Coverage	kg/m <sup>2</sup> /mm	approx.1.70	MC-DUR 1250 TX (mixed)
Application time	minutes	55	at + 23 °C (9 kg packs)
Overcoating time	hours	≥ 24 - ≤ 48	with MC-Color Flair vision T
	hours	≥ 24 - ≤ 48	with MC-DUR 2496 CTP
Processing time	hours	≥ 12 - ≤ 24	MC-DUR 1250 TX with MC-DUR 1250 TX
Layer thicknesses (surface filler)	mm	1	min. layer thickness per work step
		2	max. layer thickness per work step
		2	max. total layer thickness
Application conditions	°C	≥ 8 - ≤ 30	air and substrate temperature
	°C	≥ 15 - ≤ 25	MC-DUR 1250 TX (material temperature)
	%	≤ 85	relative humidity
	K	3	above dew point

### Product Characteristics MC-DUR 1250 TX

Cleaning agent	MC-Reinigungsmittel U / MC-Verdünnung EP / MC-Cleaner eco
Colour	Cream white
Delivery	9 kg and 27 kg
Storage	Can be stored in original unopened packs for at least 12 months. Store cool and dry. Protect from frost.
Disposal	Packs must be emptied completely.
EU-regulation 2004/42	RL2004/42/EG All/j (140 g/l) ≤ 140 g/l VOC

\* All technical data are lab values and relate to + 20 °C and 50 % relative humidity.

### 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: RE 1

**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 11/20. 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.