MC-Estripox

Transparent, fillable epoxy resin

BE SURE. BUILD SURE.

PRODUCT PROPERTIES

- Two-component
- Pre-filled with fine quartzsand
- Miscible with mineral aggregates
- Easy-levelling mortar
- Good adhesion on mineral substrates

AREAS OF APPLICATION

- Binder for epoxy resin based mortars
- Bonding agent for compound screeds
- Primer for application on mineral substrates

APPLICATION ADVICE

Substrate Preparation
See instruction leaflet “General Application Instructions for MC-Estrifan Substrates and Substrate Preparation” and the leaflet "General Application Instructions for MC-Estrifan Epoxy Resins" for the treatment of chips, spalling, pores and blowholes.

Mixing
See instruction leaflet “General Application Instructions for MC-Estrifan Epoxy Resins”.

Application as a an Epoxy Resin Mortar
The mixed MC-Estripox is initially prepared and then filled with quartz sand while stirring. The level of fill that can be achieved depends on the temperature, the grain size of the sand used and the desired processing consistency. From a mixing ratio of 1:4 GT (resin-to-aggregate), the mortar must be applied to a fresh bond coat of 300-500 g/m² MC-Estripox. The mortar can be laid using a straightening blade, steel trowel, squeegee or rubber float.
Scratch and blow hole filling can be carried out with a mixture of MC-Estripox and kiln-dried quartz sand (grain size 0.1 - 0.3 mm) in a weight ratio of 1:1 to 1:2.

Application as a Primer
MC-Estripox should be applied with rubber squeegees and/or a roller. If it cannot be overworked within 24 hours, sprinkle the still fresh primer with kiln-dried quartz sand (grain size 0.1 - 0.3 mm). The exact material requirement depends on the substrate conditions (roughness, absorbency) and temperature.

Further Information
The consumption quantities, processing times and all technical properties are extensively temperature-, climate- and substrate-dependent.
Ensure compliance with all additional instructions in leaflet “General Application Instructions for MC- Estrifan Epoxy Resins”. Chemical attack and the effect of direct sunlight may lead to colour changes but will usually have no adverse affect on application suitability. Surfaces subject to chemical attack and mechanical loading are prone to usagerelated wear and tear. Regular inspection and maintenance are therefore recommended.

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TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	5 : 1	comp. A : comp. B
Density	g/cm³	approx. 1.5	
Viscosity	mPa·s	approx. 2,400	
Working time	minutes	approx. 45	
Accessible after	hours	12	
Resilient after (full)	days	7	
Application conditions	°C	> 10 ≤ 30	air and substrate temperatures
	%	≤ 85	rel. humidity
	K	> 3	above dew point
Consumption	kg/m²		
Primer		approx. 0.3 - 0.5	
Scratch and levelling coat		approx. 0.7 - 1	
	All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.		

Self-monitoring	EN ISO 9001
Colour	amber
Delivery form	Pairs of 30 kg containers
Storage	Can be stored in cool (below 20°C) and dry conditions for 12 months in original unopened packs. Protect from frost.
Packaging disposal	Make sure single-use containers are completely empty.

Safety instructions
Please note the safety information and advice given on the packaging labels and safety data sheets.

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