

MC-Estripox

Transparent, fillable epoxy resin



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.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	5 : 1	comp. A : comp. B
Density	g/cm ³	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/m ²		
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.

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. [2300018587]