



# MC-Estripox

Transparent, sand-miscible 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 Instructions

### 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/m<sup>2</sup> 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 usage-related wear and tear. Regular inspection and maintenance are therefore recommended.



### Technical Properties of MC-Estripox

Characteristic	Unit	Value	Comments
Mixing ratio	Parts by weight	5 : 1	Component A : Component B
Density	g/cm <sup>3</sup>	approx. 1.5	
Viscosity	mPa·s	approx. 2400	at 20 °C and 50 % relative humidity
Processing time	Minutes	approx. 45	at 20 °C and 50 % relative humidity
Accessible after	Hours	12	at 20 °C and 50 % relative humidity
Fully resilient after	Days	7	at 20 °C and 50 % relative humidity
Application conditions	°C	>10; ≤ 30	Air and substrate temperatures
	%	≤ 85	Relative humidity
	K	3	Above dew point
Coverage	kg/m <sup>2</sup>	approx. 0.3 – 0.5	Primer
		approx. 0.7 – 1.0	Scratch and blowhole coat

### Product Features of MC-Estripox

Self-monitoring	EN ISO 9001
Standard colour shade	Transparent-amber
Packaging	Pair of 30 kg tubs
Storage	Keep free from frost! Shelf life at 20 °C: 12 months if stored dry in original containers
Equipment cleaning agent	MC-Reinigungsmittel U
Disposal	In the interest of the environment, please ensure the containers are empty and residue-free prior to appropriate disposal.

### Safety Advice

Please note the safety information and advice given on the packaging labels and safety data sheets.  
GISCODE: RE30

**Note:** The information on this technical data sheet is based on our experience and 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, the specific application and especially to 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 such a review, 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.

Issue 01/20. This data sheet has been technically revised. Previous versions are now duly superseded and may no longer be applied. Any further technically revised edition supersedes this version, rendering it null and void.