



MC-Estripox pro (formerly MC-Estrifan UP)

Transparent universal resin

Product Properties

- Two-component
- Low viscosity
- Transparent
- Solvent-free
- Very good adhesion on mineral substrates
- Highly miscible with kiln-dried filler aggregates

Areas of Application

- Priming of concrete and screed surfaces
- Binding agent for epoxy resin mortars
- Rigid filling of cracks in concrete and screeds
- Bond coat for composite screeds

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 Primer

MC-Estripox pro 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.

Application as a Bond Coat

If MC-Estripox pro is to be used as a bond coat, no prior priming is required. Apply the resin liberally to the resilient substrate using a float. Ensure that the layer is continuous. The screed or concrete must be laid fresh-in-fresh within the processing time of MC-Estripox pro.

It is important, therefore, to ensure that only that much surface area is primed as can be reliably covered fresh-in-fresh.

Application as an Epoxy Resin Mortar

The mixed MC-Estripox pro is initially prepared and then mixed with quartz sand while stirring. The mixing ratio 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 pro. The mortar can be laid using a straightening blade, steel trowel, squeegee or rubber float.

Further Information

The consumption quantities, processing times and all technical properties are extensively temperature-, climate- and substrate-dependent. Ensure compliance with all additional instructions provided in the leaflet "General Application Instructions for MC-Estrifan Epoxy Resins".



Technical Properties of MC-Estripox pro

Characteristic	Unit	Value	Comments
Mixing ratio	Parts by weight	3 : 1	Component A : Component B
Density	g/cm ³	approx. 1.1	
Viscosity	mPa·s	approx. 600	at 20 °C and 50 % relative humidity
Processing time for 1 kg 10 kg	Minutes	approx. 30	at 20 °C and 50 % relative humidity
	Minutes	approx. 20	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
Consumption as a primer			Substrate-dependent
Consumption as a bond coat	kg/m ²	approx. 0.3 – 0.5	Substrate-dependent
	kg/m ²	approx. 0.5 – 0.7	Substrate-dependent
Consumption as a mortar resin	kg/m ² /mm	approx. 0.3 – 0.7	Depending on mixing ratio and grain size

Product Features of MC-Estripox pro

Self-monitoring	EN ISO 9001
Standard colour shade	Transparent
Packaging	Pair of 10 kg tubs
	Pair of 5 kg tubs
	Pair of 1 kg tubs (6 x 1 kg in a box)
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 02/20. 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.