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/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 usage-related wear and tear. Regular inspection and maintenance are therefore recommended.

MC-Bauchemie • Am Kruppwald 1-8 • D-46238 Bottrop • Tel.: +49 (0)2041 101-50 • Fax: +49 (0)2041 101-588
info@mc-bauchemie.de • www.mc-bauchemie.com

Technical Properties of MC-Estripox			
Characteristic	**Unit**	**Value**	**Comments**
Mixing ratio	Parts by weight	5 : 1	Component A : Component B
Density	g/cm³	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/m²	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

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.

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