



MC-Estrifan Color Protect

One-component pigmented floor sealant

Product Properties

- One-component
- Water-based
- Good stain resistance
- Good adhesion on mineral substrates
- Excellent application properties
- Roll-on or brush-on
- Certified to EN 1504-2, Part 1.3 Protection Against Ingress, and Part 5.1 Physical Resistance
- Complies with German AgBB requirements (health safety of building products)

Areas of Application

- Protection and refinement of mineral screed and concrete floors
- For easy-to-clean surfaces, e.g. in workshops, manufacturing bays and storage rooms

Application Instructions

Substrate Preparation

The substrate must be clean, dry and resilient, and free from oil, grease and other non-adhesive substances.

See instruction leaflet "General Application Instructions for MC-Estrifan Substrates and Substrate Preparation".

Mixing

Stir MC-Estrifan Color Protect well before use.

Primer

The prepared substrate can be primed with the same coating material diluted 1 : 1 with water. In the case of heavily absorbent substrates, it is advisable to repeat this step or to precede it with the more penetrative primer MC-Estribond T15. In areas subject to heavy wear and tear, application of primer MC-DUR 1177 WV-A is recommended.

Application

Using a roller or brush in a crosswise action, spread MC-Estrifan Color Protect evenly over the substrate. Avoid puddle formation. Make sure even large areas are coated without interruption so as to avoid ridges.

Depending on the condition of the substrate, it may be advisable to apply two coats of MC-Estrifan Color Protect.

Further Information

Consumption rates, accessibility and attainment of resilience will depend on substrate conditions and ambient temperature. Chemical attack may lead to colour changes but will usually have no adverse affect on application suitability. Surfaces subject to chemical attack and mechanical stress are prone to usage-related wear and tear. Regular inspection and maintenance are therefore recommended.



Technical Data for MC-Estrifan Color Protect

Characteristic	Unit	Value	Comments
Binding agent base			Acrylate dispersion
Density	g/cm ³	approx. 1.4	
Consumption	g/m ²	approx. 150	per coating
Drying times	Hours	approx. 24	at 20 °C and 50 % relative humidity
Accessible after	Days	7	at 20 °C and 50 % relative humidity
Fully resilient after			
Application conditions	°C	≥ + 8 - ≤ + 30	Air and substrate temperatures
	%	≤ 85	Relative humidity
	K	3	above dew point

Product Characteristics for MC-Estrifan Color Protect

Self-monitoring	EN ISO 9001
Standard colour shade	MC-Grey, RAL 7035, RAL 7040
Form	Liquid
Storage	Keep free from frost! Shelf life at 20 °C: 12 months if stored dry in original containers
Packaging	15 liter buckets
Equipment cleaning agent	Water
Disposal	In the interest of the environment, please ensure the containers are empty and residue-free prior to appropriate disposal.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 07/18. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.