

# MC-Estrifan Color Protect

Single-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 ADVICE

### 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 effect 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 VALUES & PRODUCT CHARACTERISTICS

| Characteristic         | Unit              | Value       | Comments                       |
|------------------------|-------------------|-------------|--------------------------------|
| Density                | g/cm <sup>3</sup> | approx. 1.4 |                                |
| Application conditions | °C                | ≥ 8 ≤ 30    | air and substrate temperatures |
|                        | %                 | ≤ 85        | rel. humidity                  |
|                        | K                 | > 3         | above dew point                |
| Drying time            | hours             | approx. 24  | at 20°C                        |
|                        | days              | approx. 7   | at 20°C                        |
| Consumption            | g/m <sup>2</sup>  | approx. 150 | per layer/coating              |

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

|                          |  |
|--------------------------|--|
| binder base              | acrylate dispersion  |
| self-monitoring          | EN ISO 9001  |
| form                     | liquid   |
| equipment cleaning agent | water  |
| standard colour shades   | MC grey, RAL 7035, RAL 7040  |
| delivery form            | 21 kg tub(s)   |
| 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. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request. |

### 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. [2100004503]