



MC-Estrifan D

Epoxy Resin Dispersion for the Sealing of Screeds

Product Properties

- Two-component epoxy resin sealant
- Solvent-free
- Water-dispersed
- Adheres even to matt-damp (without visible moisture) mineral substrates
- Highly flame resistant
- Transparent and grey
- Can be applied by brushing, rolling and spraying

Areas of Application

- Impregnation of cement-screed surfaces to bind dust (transparent)
- Coloured coating of screed floors

Application Notes

Substrate Preparation

See data-sheet "Substrate and substrate-preparation for cementitious screeds", and the data-sheet "General Application Advice for MC-Estrifan-Epoxy Resins" for the repair of disruptions, pores and cavities.

Mixing

See data-sheet "General Application Advice for MC-Estrifan-Epoxy Resins".

Application

If used as primer or impregnation on mineral substrates, MC-Estrifan D transparent should be rolled on. The coloured coating of the primed surface is done by two applications of MC-Estrifan D coloured. MC-Estrifan D coloured can be applied with a roller, brush or airless spraying equipment. Do not add water to MC-Estrifan D.

The end of the processing time is not indicated by an increased viscosity of the material. Therefore MC-Estrifan D cannot be used if the stated pro-

cessing time is exceeded! To ensure proper drying the substrate and air temperatures must be at least 10 °C and the relative humidity below 85 %. The waiting intervals between the individual work-steps of applying MC-Estrifan D must not exceed 48 hours at + 20 °C.

Further Information

Coverage, processing time and all technical properties depend very much on temperatures and the object conditions. Please observe the information on the data-sheet "General Application Advice for MC-Estrifan-Epoxy-Resins".

Chemical attacks and exposure to light might cause changes in colour, which usually do not impair the usability. Chemically and mechanically loads cause wear and tear. Regular inspections and continuous maintenance are advised.

For the processing and handling of MC-Estrifan D please observe the advice on the packaging label and the safety data sheet!



Technical Data for MC-Estrifan D

Characteristic	Unit	Value	Comments
Binder Basis			epoxy resin
Density	g/cm ³ g/m ³	approx. 1.03 approx. 1.35	MC-Estrifan D transparent MC-Estrifan D coloured
Mixing ratio	p. b. m.	3 : 1	base component : hardener
Consumption	g/m ²	approx. 200 - 250 approx. 250 - 300	MC-Estrifan TG transparent MC-Estrifan TG coloured
Processing time	minutes	approx. 120	at + 20 °C and 50 % relative humidity
Drying times			
accessible after	hours	approx. 16	at + 20 °C and 50 % relative humidity
Fully loadable after	days	approx. 7	at + 20 °C and 50 % relative humidity
Processing conditions	°C % K	≥ + 10 - ≤ + 30 ≤ 85 3	air- and substrate-temperature relative humidity above dew-point

Product Characteristics for MC-Estrifan D

Internal Quality Control	DIN EN ISO 9001
Standard Colour	transparent, grey, approx. RAL 7032
Consistency	liquid, two-component
Form of Delivery	MC-Estrifan D transparent 10 kg twin-unit (30 kg twin-units on request) MC-Estrifan D coloured 10 kg twin-units (30 kg twin-units on request)
Storage	Can be stored under dry conditions, at + 20 °C and in original unopened containers for at least 12 months. Keep frost-free!
Equipment cleaning agent	water
Disposal	For the sake of our environment please empty the packs completely!

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 02/14. 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.