



MC-Color Primer

Ready-to-use primer

Product Properties

- Copolymer dispersion
- Water-based, transparent when dried
- Film-forming
- Substrate solidification
- Open to water vapour diffusion, hydrophobic
- Resistant to UV, weathering and alkali
- Application by roller, brush and airless spraying
- Certified in accordance with EN 1504 part 2

Areas of Application

- Primer for mineral substrates
- Suitable for use on alkaline and neutral substrates
- Also suitable for use on old coatings
- REACH-assessed exposure scenarios: periodical water-contact, periodical inhalation, application
- Certified in accordance with EN 1504 part 2 for principle 1, procedure 1.2

Application

Substrate preparation

All substrates to be primed must be sound, clean and free from all loose particles, dust, oil and any other contaminants. The surface pull-off strength of the substrate must comply with relevant technical regulations.

Application

MC-Color Primer is ready-to-use and must be stirred thoroughly prior to application. Application is carried out continuously and streak-free using a roller, a brush or by airless spraying technique.

Application must not proceed during rain, high humidity, frost or risk of frost. Freshly applied layers must be protected from dew, rain and frost.

Overcoating time

See "Technical Data" table.

Rain-proof

See "Technical Data" table.

General information

Coverage rates depend on condition of the substrate which may lead to over- or under-consumption.

The recommended values in the "Technical Data" table are to be observed.

MC-Color Primer must not be used during rain or temperatures below + 5 °C.

MC-Color Primer is a primer and only used in combination with the surface protection systems Betonflair W, EmceColor-flex E/S, Nafufill BS, Zentricryl RBS, Emcephob LE, MC-Color Flair pure, MC-Color Flair pro, MC-Color Flex pure, MC-Color Flex pro and MC-Color Flex vision.



Technical Data MC-Color Primer

Characteristic	Unit	Value*	Comments
Density	kg/dm ³	1.00	
Viscosity	mPas·s	400 - 600	Haake E30 1/22,6 s
Touch-dry	hour	approx. 1	
Overcoating time	hour hours	approx. 1 approx. 4	for absorbent substrates for non-absorbing substrates
Coverage**	ml/m ²	approx. 100 - 150 approx. 500 - 600	for normal concrete, fine fillers, old coatings, fibre-cement boards for gas concrete, sand-lime brick
Solid content volume	%	approx. 15	
Rain-proof	hours	4 - 6	
Application conditions	°C % K	≥ 5 - ≤ 30 ≤ 85 3	air-/material-/substrate temperature relative humidity above dew point

Product Characteristics MC-Color Primer

Delivery	10 l buckets
Storage	Can be stored in original unopened packs for at least 12 months in cool and dry conditions. Protect from frost!
Disposal	Packs must be emptied completely.
EU-regulation 2004/42 (Decopaint-standard)	RL2004/42/EG All/h (30 g/l) < 30 g/l VOC

* All technical data are lab values and relate to + 23 °C and 50 % relative humidity.

** Coverage rates depend on roughness, absorbency and type of substrate.
To determine the project-specific coverage we recommend applying a trial area.

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 08/16. 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.

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