MC-Color Proof pure

Transparent impregnation

Product Properties

- Ready-to-use, water-based copolymer dispersion
- Slightly film-forming, transparent when dried
- Substrate solidification
- Open to water vapour diffusion and carbonation-retarding
- Reduces water absorption
- Increases resistance to frost and de-icing salts
- Interior use: certificate for AgBB emission test available
- Resistant to UV and weathering
- Application by roller and airless spraying

Areas of Application

- Impregnation of mineral-based component surfaces
- Transparent basic product for manufacture of scumbling paints
- Suitable for use on alkaline and neutral substrates
- Suitable for use on exterior and interior surfaces
- Suitable for use in combination with Emcephob WM and Emcephob HC
- 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 impregnated must be sound, clean and free from all loose particles, dust, oil and any other contaminants.
The required surface pull-off strength of the substrate must comply with relevant technical regulations. Prior to application of MC-Color Proof pure the surface of the substrate must be dry.

Application
MC-Color Proof pure must be stirred thoroughly prior to application.
Application is carried out crosswise, evenly and streak-free using a short-pile roller or alternatively by airless spraying. For spray application please request our equipment planner “Airless”.

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

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 Proof pure is an impregnation and can be used in combination with the hydrophobic agents Emcephob WM and Emcephob HC.

If MC-Color Proof pure is used as scumbling impregnation, it can be mixed with up to max. 3 - 4 % of MC-Color Flair pure. To determine the project-specific dosage we recommend applying a trial area. Depending on the absorbency of the substrate application of two layers might be necessary. Please ask for our technical advice prior to application.

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Technical Data MC-Color Proof pure

Characteristic	Unit	Value*	Comments
Density	kg/dm³	1.006	
Solid content volume	%	38.3	
Touch-dry	hour	approx. 1	
Overcoating time	hours	approx. 4	
Coverage**	ml/m²	150 - 200	
Diffusion resistance against water vapour against carbon dioxide	 m m	 0.2 75	
Rain-proof	hours	2 - 4	
Application conditions	°C % K	≥ 8 - ≤ 30 ≤ 85 3	air-/material-/substrate temperature relative humidity above dew point

Product Characteristics MC-Color Proof pure

Delivery	15 l buckets
Calculated spreading rate**	15 l bucket approx. 75 - 100 m²
Storage	Can be stored in original unopened packs for at least 24 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/e (130 g/l) < 130 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 03/19. 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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