

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 ADVICE

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.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	1.006	
Solids content	%	38.3	
Application conditions	°C	≥ 8 ≤ 30	air, material and substrate temperatures
	%	≤ 85	rel. humidity
	K	3	above dew point
Consumption 1)	ml/m ²	150 - 200	
Overworkable after	hours	approx. 4	
Rain resistant after	hours	2 - 4	
Dry to the touch after	minutes	approx. 60	
Resistance to diffusion (against water vapour)	m	0.2	
Resistance to diffusion (against carbon dioxide CO ₂)	m	75	

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

1) The consumption values depend on the impermeability, absorbency and type of substrate. To determine the object-specific consumption quantities, it is advisable to create test areas.

form	liquid
delivery form	15 l container
Calculated yield	15 l yields approx. 75-100 m ²
Storage	Can be stored in cool and dry conditions for at least 24 months in original unopened packs. Protect from frost.
EU Regulation 2004/42 (Decopaint Directive)	Directive 2004/42/CE All/e (130 g/l) < 130 g/l VOC
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.

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. [2100004143]