

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
- Registered with DGNB (Code: 6XHRPK)
- 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 ADVICE

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 sub-strate 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 MC-Color Flair pure, MC-Color Flair pro, MC-Color Flex pure, MC-Color Flex pro and MC-Color Flex vision.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	1	
Application conditions	°C	≥ 5 ≤ 30	Temperatura del aire, soporte y material
	%	< 85	rel. humidity
	K	3	above dew point
Viscosity	mPa s	960 - 1,440	Haake E30 1/22.6 s
Consumption 1)	ml/m ²	approx. 100 - 150	for normal concrete, fine filler, old paint, fibre cement boards
		approx. 500 - 600	for aerated concrete, sand-lime brick
Overworkable after	minutes	approx. 60	with absorbent substrates
	hours	approx. 4	with non-absorbent substrates
Rain resistant after	hours	4 - 6	
Dry to the touch after	minutes	approx. 60	

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.

Delivery form	10 l container
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs. Protect from frost.
EU Regulation 2004/42 (Decopaint Directive)	RL2004/42/EG All/h (30 g/l) < 30 g/l VOC
Packaging disposal	Make sure single-use containers are completely empty.

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. [2400020485]