

PRODUCT PROPERTIES

- Water-based, two-component polymer-combination
- Hydrophobic, stain-resistant surface, gloss level: semi-gloss
- Colour-proof as resistant to UV, open to water vapour diffusion and carbonation-retarding
- Wet abrasion resistance class 1 according to EN 13300/ 11998
- Cleanability: characteristic 1 according to EN 13300/ 11998
- Fire behaviour according to EN 13501-1, non-combustible building material class, A2-s1, d0
- Registered with DGNB (Code: SPCGL4)
- Resistant to disinfectants according to test report TÜV-Süd
- Application by roller or airless spraying
- Approved in accordance with AgBB emission test
- For interior areas, tested in the system with Nafufill EF
- REACH-assessed exposure scenarios: long-term inhalation, periodical water-contact, application
- Staining can be easily removed
- Scrub- and scratch resistant
- Decontamination of surfaces acc. to DIN 25415/ ISO 8690

AREAS OF APPLICATION

- Application on concrete, lightweight concrete, microsilica-modified fine mortar such as Nafufill EF, rendering, gypsum plaster, ingrain wallpaper, fiberglass wallpaper, old coatings etc. in public and industrial buildings, hotels, schools, museums, galleries, surgeries, hospitals, breweries, food industry and pharmaceutical industry
- Suitable in accordance with EN 1504 part 2 for principle 1, 2 and 8, procedures 1.3, 2.3 and 8.3

APPLICATION ADVICE

Substrate preparation: The substrate must be clean and free from all loose particles, dust, oil and any other contaminants. If MC-Color LE is applied in combination with Nafufill EF, the substrate must be prepared in accordance with the leaflet "General Application Advice Nafufill EF". The substrate must be sound and dry prior to application of MC-Color LE.

Application: MC-Color LE consists of base and hardener component, supplied in pre-packed quantities. Prior to application both components are mixed thoroughly using slowly rotating mixers. Following mixing MC-Color LE is filled into a clean container and stirred homogenous again.

Standard system build-up: MC-Color LE is generally applied in two layers crosswise onto the substrate with short-piled rollers. Application is to be carried out continuously and streak-free.

Special system build-up: Depending on the substrate to be coated (e.g. dark non absorbent or smooth substrates) and when using pale or special colours of MC-Color LE (e.g. white/ signal colours/ yellow etc.), MC-Color LE is generally to be applied without primer in three layers crosswise. Please request our technical advice prior to application.

Special notes: Applied quantities and covering power depend on the applied colour and on the substrate's properties and condition. The effect of the used colours depends on many factors and therefore often depends on subjective perception. We therefore recommend to apply trial areas with the planned system build-up.

Overcoating times: Attention should be paid to the details reported in the chart "technical properties" on the reverse side.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	approx. 1.29	
Mixing ratio	p.b.w.	10 : 1	base component : hardener component
Working time	minutes	60	
Application conditions	°C	≥ 8 ≤ 30	air and substrate temperatures
		≥ 15 ≤ 25	material temperature
	%	≤ 80	rel. humidity
	K	3	above dew point
Consumption 1)	g/m ²	400	In 2 passes of 200 g each
Drying time	hours	1.5	dry to the touch
	days	7	resilient (graffiti)
Overworkable after	hours	1.5 - 72	1st layer / 2nd Layer (at 23°C)
		1 - 24	1st layer / 2nd layer (at 30°C)
		2	Primer / 1st layer (at 23°C / 30°C)
Solids volume	%	46	

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	Pair of 10 kg containers
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)	Directive 2004/42/CE All/j (140 g/l) < 15 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. [2400020658]