

PRODUCT PROPERTIES

- Water-based acrylate dispersion
- Ready-to-use, paste-like consistency, dilutable with water up to 10 %
- Open to water vapour diffusion and carbonation-retarding
- Curing-free
- Grindable
- Can be overcoated with MC-Color Flair pure, MC-Color Flair pro, MC-Color Flair vision, MC-Color Flex pure, MC-Color Flex pro and MC-Color Flex vision
- Application by trowel and spraying
- Registered with DGNB (Code: W2C16U)
- Tested and approved as OS 5a surface protection system

AREAS OF APPLICATION

- Suitable on concrete, lightweight concrete, porous lightweight concrete and adherent old coatings
- Filling of pores and blowholes
- Thin-layer filling up to max. 1 mm
- REACH-assessed exposure scenarios: periodical water-contact, periodical inhalation, application
- Certified in accordance with EN 1504 part 2 for principles 1, 2 and 8, procedure 1.3, 2.2, 8.2

APPLICATION ADVICE

Substrate preparation: See leaflet “General Application Advice - Surface Protection Systems”.

Application: Nafufill DSP is ready-to-use and must be stirred thoroughly prior to application. It can be applied by trowel or spraying. Spray application is carried out using a variably adjustable worm pump. Please ask for our assistance or request our equipment planner. Application must not proceed during rain, high humidity, frost or risk of frost. Freshly applied layers must be protected from dew, rain and frost. Do not expose to direct sunlight.

Application

Pore filler: Filling of pores and blowholes is carried out using a soft tool (e.g. rubber squeegee).

Thin-layer filling ≤ 1 mm: To avoid entrapped air, all pores and blowholes should be filled prior to application. As soon as the pore filler bears sufficient load-bearing capacity (depending on weather), the thin-layer filling can be applied using a steel float.

Levelling of surface roughness > 1 mm: In case of larger surface roughness Nafufill DSP can be mixed with oven-dried quartz sand H32 (0.1 - 0.3 mm) in a mixing ratio of 1 : 0.5 - 0.75 p.b.w. Depending on the filling grade and application method (hand/spray application) Nafufill DSP may be mixed with max. 10 % of water to achieve an easy to spread consistency. To achieve a uniform surface this type of scratch coat may, optionally, be overcoated with a thin-layer filling coat.

General information: In case of larger or deeper pores, blowholes, cavities and surface roughness Nafufill DSP may be mixed with max. 5 % standard cement (CEM I). Please observe to prepare only small quantities as addition of cement reduces the application time. We generally recommend to ask for our technical advice in case of such product modifications.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	1.78	
Solids content	%	64.7	
Viscosity			Pseudoviscous
Application conditions	°C	≥ 8 ≤ 30	air and substrate temperatures
	%	≤ 85	rel. humidity
	K	3	above dew point
Consumption	g/m ²		
As a pore and blowhole filler		800 - 1,000	
	kg/m ² /mm		
As a skim coat		1.78	
Rain resistant after	hours	approx. 4	depending on temperature
Overworkable after	hours	24	at 8° C
		12	at 20 °C

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

Form	pasty		
Colour	white		
Delivery form	Tubs 20 kg		
Storage	Can be stored in cool and dry conditions for at least 24 months in original unopened packs. Protect from frost.		
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. [2400020496]