

Nafuflex 2K-SP-05

Two-component polymer-modified bituminous thick coating (PMBC) for waterproofing building structures by spraying



PRODUCT PROPERTIES

- In accordance: with DIN 18533 and DIN EN 15814
- Solvent-free and eco-friendly
- Powder component allows quick drying
- Cryoscopic additives for use in winter
- Can be stored at temperatures down to - 5 °C
- Highly flexible and crack-bridging
- Can be applied by airless-spraying

AREAS OF APPLICATION

- Waterproofing of building structures in accordance with DIN 18533 W1-E, W2.1-E, W3-E, W4-E and DIN EN 15814
- Adhesive for backing panels, insulation panels and drainage panels

APPLICATION ADVICE

Substrate Preparation: Nafuflex 2K-SP can be applied to all mineral substrates. The substrate preparation should comply with DIN 18533, part 1 and 3. Coves have to be created with the mineral mortar Oxal SPM.

Priming: Nafuflex 2K-SP has been developed especially for airless-spraying. When applied by airless-spraying a primer is not necessary.

Mixing: Nafuflex 2K-SP is mixed for at least 3 minutes using the delivered mixing ratio of 4.6 : 1 parts by mass into a homogenous and spray able compound, using a slow-moving agitator.

Application: Nafuflex 2K-SP is applied evenly and pore-free by spraying. Layer thickness depends on the water influence class in accordance with DIN 18533. A reinforcing grid (Nafuflex-GRID 25 NF) can be inserted if necessary. Subsequent time-consuming smoothing of the applied Nafuflex is usually not necessary.

Curing: Protect Nafuflex 2K-SP from rain until it has developed rain resistance. Water pressure and frost exposure must be prevented until the coating has dried out completely. The dried coating should be covered with a protective coat to protect it permanently from static, dynamic and thermal wearing and only then is it possible to refill the excavation pit. Outdoor weathering over an extended period must be avoided as this might lead to cracking on the surface.

Further Information: Further application information can be found on a separate data sheet.

DIN 18533 and the regulation for the planning and implementation of waterproofing with polymermodified thick bituminous coatings (may 2010) must be observed when sealing building structures with polymer-modified bituminous thick coatings. A short summary of all relevant paragraphs is available on a separate information sheet.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density (mixture)	g/cm ³	1.1	
Mixing ratio	mass fractions	approx. 1 : 4.6	powder component : liquid
Working time (container)	minutes	approx. 90	at 20° C and 65 % rel. humidity
Application conditions	°C	≥ 1 ≤ 15	air and substrate temperatures
Consumption	kg/m ²	4.8	4.2 wet / 3.0 dry
		6.6	5.7 wet / 4.0 dry
Drying time	days	approx. 2	at 15° C
		approx. 4	at 5° C
		approx. 7	at 0° C
		depending on temperature, humidity, substrate and wet layer thickness, drying time may be longer or shorter	
Test certificates	CE marking per EN 15814		
Delivery form	28 kg hobbock, 1 pallet (18 hobbocks @ 28 kg)		
Storage	Can be stored in original sealed packages at temperatures between -5°C and 30°C in dry conditions for at least 12 months.		
Packaging disposal	Make sure single-use containers are completely empty.		

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : BBP10

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. [2300018605]