Nafuflex 2K-05

Two-component polymer-modified bituminous thick coating (PMBC) for sealing building structures

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PRODUCT PROPERTIES

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

AREAS OF APPLICATION

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

APPLICATION ADVICE

Substrate Preparation: Nafuflex 2K-05 can be applied on all mineral substrates. The substrate preparation should comply with DIN 18533, part 1 and 3. Grooves has to be created with the mineral mortar Oxal SPM.

Priming: For regular absorbent substrates the undercoat can be made from 1 part Nafuflex 2K-05 and 10 parts water. Highly absorptive or powdery substrates should be primed with Nafuflex GIP.

Mixing: Nafuflex 2K-05 is mixed for at least 3 minutes at the delivered mixing ratio of 3 : 1 parts by mass into a homogenous and paste-like filling compound, using a slow-moving agitator.

Application: Nafuflex 2K-05 is applied evenly and pore-free, using a trowel. Layer thickness depends on the water influence class in accordance with DIN 18533. A reinforcing inlay (Nafuflex GRID 25 NF) can be inserted if necessary.

Curing: Protect Nafuflex 2K-05 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.

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

DIN 18533 and the regulation for the planning and application of sealing with polymer-modified thick bituminous coatings (may 2010) must be observed when sealing building structures with polymer-modified bituminous thick coatings.

MC-Building Chemicals Müller & Partner
Killycard Industrial Estate · Castleblayney, Co. Monaghan
Phone +353 42 97 51 520 · Fax +353 42 97 49 361
info@mc-buildingchemicals.ie · www.mc-bauchemie.ie

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density (mixture)	kg/dm³	1.15	
Mixing ratio	mass fractions		(applied by hand)
		1 : 3	powder component : liquid
Working time (container)	minutes	approx. 90	at 10 ° C and 50 % relative humidity
Application conditions	°C	≥ 1 ≤ 15	air and substrate temperatures
1)		< 25	material temperature (protect from the sun)
Consumption (flat)	kg/m²	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

1) Material otherwise too fast for proper processing

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

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