

Nafuflex Easy Tech 1

One-component, sprayable, polymer-modified bituminous thick coating (PMBC) for waterproofing of building structures

Product Properties

- Polymer-modified bituminous thick coating (PMBC)
- Flexible and crack-bridging
- Spray application with spiral pumps
- Solvent-free and eco-friendly
- In accordance with DIN 18533 and DIN EN 15814

Areas of Application

- For waterproofing of vertical, horizontal and inclined surfaces underneath protective layers in accordance with DIN 18533
- Waterproofing for the water influence classes W1-E, W2.1-E, W3-E and W4-E

Handling

Substrate Preparation

Nafuflex Easy Tech 1 can be applied to all mineral substrates. The substrate preparation should comply with DIN 18533, part 1 and 3. The substrate must be frost-free, dry and free from damaging soiling (dust, release agent, etc.), free from honeycombs, shavings, and gaping cracks.

Matt-damp surfaces are permissible.

To prevent damping from the rear a mineral sealing slurry (Oxal DS-HS) must be applied.

Recesses > 5 mm should be closed off with a suitable mortar (Oxal SPM). In the floor to wall connections groove with the mineral mortar Oxal SPM has to be created.

When substrate is prepared as given above priming is not necessary in spraying application of PMBC's.

Very absorbent and/or sandy substrates need a pre-coat with Nafuflex GIP.

Application

The material is applied evenly and free of pores by spraying (spiral pump). The layer thickness depends on the water influence class.

For the water influence classes W1-E and W4-E, a minimum of 3 mm dry layer thickness (in 2 layers)

is required. The water influence classes W2.1-E and W3-E demand at least 4 mm dry layer thickness (in 2 layers) containing the certified reinforcement (Nafuflex Grid 25 NF).

Curing and After-treatment

Protect Nafuflex Easy Tech 1 from rain until it has developed rain resistance. Water pressure and frost exposure must be prevented until the coating has fully cured. The fully cured waterproofing must be lastingly protected from damaging influences such as static, dynamic and thermal influences and from UV radiation, by installing appropriate protective layers (e.g. perimeter insulation). Only after the protection layer has been installed can the pit be backfilled layer-by-layer.

General Information

Further application information on structural waterproofing is contained in a separate information data sheet.

For the structural waterproofing with polymer-modified bituminous thick coatings DIN 18533 and "Regulation for the Planning and Application of Sealing with Polymer-modified Thick Bituminous Coatings" (May 2010) must be considered.



Technical Data for Nafuflex Easy Tech 1

| Characteristic | Unit | Value | Comments |
|------------------------|-------------------|-------|--|
| Density | g/cm ³ | 0.9 | |
| Processing temperature | °C | ≥ +5 | at 20 °C and 65 % relative humidity |
| Drying | days | 1 - 2 | air and substrate temperature |
| Consumption | l/m ² | 1.3 | wet layer thickness 1.3 mm dry layer thickness 1 mm The consumption may be higher, depending on substrate condition and workmanship. |

Product Characteristics for Nafuflex Easy Tech 1

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|------------------|--|
| Certification | CE according DIN EN 15814 |
| Form of delivery | 30 l buckets 1 pallet (12 buckets of 30 l each) |
| Storage | Can be stored for at least 12 months in closed packs under frost-free and dry conditions at +5 °C - + 30 °C. |
| Disposal | To protect our environment please empty the packs completely. |

Property specifications are based on laboratory tests and may vary in practical application. To determine the individual technical suitability, preliminary suitability tests should be carried out under the application conditions.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 04/19. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.