

Neopox[®] Primer BM

Epoxy primer, ideal for applications on top of bitumen membranes



Description **Neopox[®] Primer BM** is an epoxy primer, specially designed for waterproofing applications on top of bitumen membranes (with or without mineral granules), creating an excellent adhesion bridge for solvent-based liquid waterproofing systems, such as **Neoproof[®] Polyurea** systems.

- Fields of application**
- Bitumen membranes with or without mineral granules
 - Roofs made of concrete, cement tiles, cementitious screeds
 - Metallic surfaces

- Properties - Advantages**
- Excellent adhesion on bitumen membranes, regardless of the stress they have undergone
 - Exhibits elasticity and impermeability to moisture
 - Delays the ageing of the bitumen membrane and prevents the migration of asphalt
 - Provides excellent resistance to abrasion, frost and chemicals (dilute acids etc.)
 - Environmentally friendly, compared to other alternatives, due to the use of bio-based raw materials
 - Easy to apply

Technical Characteristics

Appearance	Transparent, yellowish
Mixing ratio (by weight)	70A:30B
Viscosity	80-85KU
Density (+25°C)	1,06gr/cm ³
Pot life (+25°C)	30 mins
Dry to recoat (+25°C)	24 hours
Consumption	70-80gr/m ² on smooth bitumen membrane without mineral granules 90-120gr/m ² on mineral-surfaced bitumen membrane

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Instructions for use

Substrate preparation: The surfaces must be stable, clean, dry and free from dust, dirt, soil and loose materials.

Application: Components A&B are mixed at the predetermined ratio and stirred for app. 3-5 minutes with a low speed electric stirrer until the mixture is homogeneous. The surface is then covered in one layer by roller or brush.

Special notes

- *Application conditions:* Substrate moisture < 4% / Relative air humidity < 65% / Ambient temperature: from +8°C to +40°C
- Low temperatures and high humidity prolong drying times
- The product should not be applied in case humid weather and low temperatures (below +8°C) are expected to prevail before the film is completely dry
- In case of application on smooth bitumen membranes without mineral granules, it is important to remove in advance the PE film that the membranes may be coated with
- It is not recommended to apply water-based waterproofing coatings directly on top of the primer. In such cases, it is advisable to sprinkle quartz sand on top of **Neopox[®] Primer BM**, while it is still wet & prior to the application of the water-based coating

Packing

Sets of 5kg in metal cans
(in the predetermined mixing ratio of components A&B by weight)

Cleaning of tools

Immediately after the application with solvent **Neotex[®] 1021**

Storage stability

A component: 2 years, stored in its original sealed packing, in an absolutely dry place, protected from frost, humidity and exposure to sunlight.

B component: 12 months, stored in its original sealed packing, in an absolutely dry place protected from frost, humidity and exposure to sunlight. Component B may harden inside its can, in case it comes in contact with ambient moisture