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Neoroo[®] BM

Hybrid waterproofing coating for mineral bitumen membranes and concrete surfaces roofs

Description of the product

Acrylic-polyurethane water-based waterproofing coating suitable for application above mineral bitumen membrane with gravity stone. It forms a non-penetrating against moisture film with resistance to stagnant water. It is applied without primer above mineral bitumen membranes and prevents the migration of asphalt.

Fields of application

- Mineral bitumen membranes
- Roofs made of concrete, cement boards, cement slurries
- Rooftops with resistance to stagnant water
- Air-conditioning tubes
- New or old polyurethane waterproofing layers
- Metallic surfaces after the application of the suitable primer

Properties-Advantages

- It delays the aging of the mineral bituminous membrane
- Prevents the migration of asphalt
- It reflects the solar radiation and significantly reduces the surface temperature of the bituminous membrane
- It is easily applied and dries into a smooth film that covers capillary cracks and provides total protection against moisture.
- It is not affected by adverse weather conditions and maintains its elasticity for temperatures from -5°C to +80°C, offering excellent impermeability to water.

Technical characteristics

Appearance	Viscous liquid
Density (EN ISO 2811-1:2011)	1,36-1,37 kg/l
Consumption	1,3-1,5 kg/m ² for two coats (mineral bituminous membrane), 0,9-1,1 kg/m ² for two coats (cementitious surface)
Drying time (25°C)	2 – 3 hours initially



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PH (ISO 1148)	8 – 9
Dry to recoat (25°C)	12 hours (low temperatures and high humidity prolong drying)
Service temperature	From -5°C to +80°C
Solids content w/w (ASTM D5201)	68%
Elongation	400%

Instruction for use

Surface preparation

- Mineral Bitumen Membrane

The mineral bitumen membrane should be clean, dry and free from dust, or any poorly adhering granules.

- Cementitious Substrate

The substrate should be clean, dry and free from dust, oil, grease, or any poorly adhering material. It is advisable to prime the surface with **Revinex[®]** diluted with water in ratio **Revinex[®]:water-1:4**, in order to seal any pores, fix the surface, and thus obtain stronger adhesion and higher coverage or **Silatex[®] Primer** diluted up to 30% with solvent **Neotex[®] 1111**.

Application

Stir the product thoroughly in its container. Apply at least two coats of **Neoroo[®] BM** using a brush or a roller, each time applying the material in a vertical direction to that of the previous coat. Dilute up to 5% with water for the first coat. Apply the second coat after 24 hours, without thinning.

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Special Notes

- **Neoroo[®] BM** should not be applied under wet conditions, or if wet conditions are expected to prevail during the curing period of the product.
- Application conditions: Moisture of the surface < 6%, Relative atmosphere moisture <80%. The application should take place under temperature between +8°C and +40°C.
- In case of application over old bitumen membrane without granular mineral sand, torch the surface, then prime with **Revinex[®]** diluted with water in a ratio **1:4 (Revinex[®]: water)** in one coat and then apply two coats of **Neoroo[®] BM**.

Packing

13 kg plastic containers

Cleaning of tools

Use plenty of water immediately after application.

Stain removal

Use water when the stain is still fresh and damp. In case of hardened stains, use mechanical means or a paint remover.

Storage stability

The product is stable for 2 years when kept unopened in its original container, protected from frost and direct sunlight.