

Neoroo[®] Nordic

Hybrid waterproofing coating for roofs

Description of the product

Hybrid waterproofing coating for roofs (UV curable) in terracotta shade for colder climates with resistance to extreme low temperatures up to -35°C. It forms a non-penetrating against moisture film.

Fields of application

- Roofs made of concrete, cement boards, mosaic, cement slurries
- Rooftops with resistance to stagnant water
- Mineral bitumen membranes
- Metallic surfaces
- New or old polyurethane waterproofing layers
- Thermal-insulating polyurethane panels and polycarbonate panels
- Glass surfaces
- Galvanized metal sheets and bituminous membranes with aluminium sheet surface
- Over old roofing made of asbestos

Upon some surfaces above, it is necessary to prime them with the appropriate each time primer, before **Neoroo[®] Nordic** application.

Properties

- It is applied easily and dries into a smooth film that covers capillary cracks and provides total protection against moisture.
- **Neoroo[®] Nordic** has a UV cross-linking system incorporated, designed to give very good dirt pick-up resistance. After 2 days exposure to direct sunlight the film is no tacky even under high temperatures.
- It is not affected by adverse weather conditions and maintains its elasticity for temperatures from -35°C to +80°C, offering excellent impermeability to water.

Technical Characteristics

Appearance Viscous liquid-terracotta

Density (ISO 8962) 1,31g/cm³

Neoroo[®] Nordic

pH (ISO 1148)	8-9
Consumption	500-700gr/m ² for two coats (cementitious surface)
Drying time	2-3 hours at +25°C
Dry to recoat	24 hours at +25°C

Instructions for use

Surface preparation: 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-1:3 up to 1:4, in order to seal any pores, fix the surface, and thus obtain stronger adhesion and higher coverage.

Application: Stir the product thoroughly in its container. After priming, apply at least two layers of **Neoroo[®] Nordic** using a brush or a roller, each time working the material in a vertical or different direction to that of the previous coat. Dilute with 5% water for the first coat. Apply the second coat after 24 hours, without thinning. Follow the above directions to the third layer.

In case of application over asphalt membrane with gravity stone, apply 1-2 coats of primer **Revinex[®]** diluted with water in ratio **Revinex[®]**: water – 1:3. Then apply at least 2 layers of coating **Neoroo[®] Nordic**.

Notes

- **Neoroo[®] Nordic** should not be applied under wet conditions, or if wet conditions are expected to prevail during the curing period of the product and only at the external surfaces (and not inner).
- Application conditions: Relative moisture of the surface < 6%, Relative atmosphere moisture <80%. The application should take place at temperature between +12°C and +40°C.
- For demanding applications or when covering cracks bigger than 1,5 mm, **Neoroo[®] Nordic** may be reinforced with the specially designed non-woven polyester tissue **Neotextile[®]**. In such cases, at least three coats of the product are required.
- Coating thickness should not be excessive in order to avoid long drying times.
- Total hardening of the film occurs 7 days after the application
- Under no sunshine conditions, the film polymerization lasts more time and the surface remains tacky for longer period.

Packing	13 kg and 4 kg in plastic containers.
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Cleaning of tools	Use plenty of water immediately after application.
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Storage stability	The product is stable for 2 years when kept unopened in its original container, protected from frost and direct sunlight.
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