

Neoproof® PU360

Description of the product

Neoproof® PU360 is a water-based modified polyurethane elastomeric waterproofing coating ideal for non-exposed applications on horizontal or vertical construction surfaces before plastering, tiling or laying of cementitious screeds and mortars.

Applications

- Waterproofing of wet rooms (bathrooms, kitchens etc.), terraces, roofs, etc. under tiles or before the laying of cementitious screeds
- Ideal for any horizontal or vertical construction surface, such as dry-wall panels, before plastering or tiling.
- As a vapor barrier in roofs and walls before the installation of insulation or soundproofing panels.

Properties/Advantages

- Prevents moisture penetration, providing complete sealing
- Offers increased resistance to bending and stretching
- Dries quickly
- Bridges cracks.
- Environmentally friendly since it does not contain solvents or bitumen.
- Excellent bonding to all building substrates such as concrete, plaster, masonry, metal, wood
- Economical and easy to apply

Technical Characteristics

Density (EN ISO 2811-1:2011) 1,44 ± 0,05 kg/L

pH value (ISO 1148) 8-9

Hardness Shore A (EN ISO 868:2003/ASTM 2240) 70

Drying time (25°C, 50% RH) 2-3 hours (initially), 24 hours (finally)

Consumption 1-1,2 kg/m² for two coats (cementitious surface)

Absorption Coefficient (EN 1062-3:2008) 0,00 kg/m² min^{0,5}

Substrate humidity <4%

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX® SA. It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX® SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

Neoproof[®] PU360

Application temperature range +8°C to +35°C

Service temperature -5°C to +80°C

Degree of adhesion of modified mortar on the membrane > 2N/mm² after 14 days

Adhesion to concrete (ASTM D4541) > 2.5N/mm²

Instruction for use

Surface preparation: The surfaces should be spoil and continuous (i.e. without holes, cracks, bays, etc.). Otherwise, firstly they should be prepared suitably (e.g. with puttying). Also they should be clean, dry and exempted from dust, oils, greases and insubstantial objects. Before the application, for the filling of pores, the improvement of adhesion and for best coverage of the material, it is advisable to apply **Revinox[®]** diluted with water (at a ratio of 1:4) or **Vinyfix[®] Primer**.

Application:

Neoproof[®] PU360 is applied after good stir with paintbrush, brush or roller. The first layer has to be diluted with water, maximum up to 5%. However, it should be taken providence that the thickness of coating will not be excessive so that the time of drying is not extended excessively.

Neoproof[®] PU360 is usually applied in two at least layers with a different direction between them. After the drying of the first layer, at least in the surface, the second must be applied in 24 hours, undiluted.

In the second layer, it is recommended to add 5-10% of quartz sand (M32 type) on **Neoproof[®] PU360** so as to promote the adhesion of the subsequent tile adhesive or plaster.

Special Notes

- The material should not be applied under conditions of humidity or when it is forecasted that humid weather will prevail, before the membrane is dried completely.
- For higher requirements (e.g. jardinières) and in cases of cover of cracks above 1.5 mm **Neoproof[®] PU360** should be reinforced with fibreglass **Neotextile[®]**. In this case at least 3 layers of the material are required.
- It is recommended to use elastic tile adhesive (C2TE S1 type).

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Neoproof[®] PU360

Colours	White
Packaging	Container 13kg
Tools cleaning	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.