

Neoproof®

Description of the product

Neoproof® is a water-based elastomeric compound with exceptional elasticity.

Applications

- **Neoproof®** is suitable for waterproofing of gypsum boards or floors that will be covered with tiles, underground walls, water tanks, jardinières, etc.
- Ideal for any horizontal or vertical construction surface before plastering or tiling.
- As a vapor barrier roof and wall before the installation of insulation and soundproofing panels

Properties/Advantages

- Tiling with high quality elastic adhesive within 3 days from the application of **Neoproof®**.
- Prevents moisture penetration, providing complete sealing.
- Offers increased resistance to bending and stretching.
- It dries quickly (1-2 hours starting 24 hours final drying).
- 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

Form	Based on advanced elastomers that are formulated with fillers, pigments and film control agents.
Density (25°C)	1,32 kg/l
PH	8,5-9,5
Hardness Shore A (EN ISO 868:2003/ASTM 2240)	60
Drying time (25°C)	1-2 hours (initially), 24 hours (finally)
Consumption	1 kg/m ² for two coats in order the final dried membrane thickness to be 0,6mm (according to the specifications: BS 3177 and BS 8204)

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.



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Water vapour permeability	<4gr/m ² /24h for membranes thickness of 0,6 mm (according to BS 3177).
Substrate humidity	4%
Ambient temperature	+8 ⁰ C to +35 ⁰ C
Tensile strength	6,6 MPa (drying in air after 21 days)
Elongation	>500% (drying in air after 21 days)
Degree of adhesion of modified mortar on the membrane	> 2N/mm ² after 14 days

Instruction for use

Surface preparation: The surfaces should be spoil and continuous (i.e. without holes, cracks, bays, etc.). In opposite case, 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 filling the pores, improvement of the adhesion and best coverage of the material is better to be applied **Revinex®** diluted with water 1:4 or **Vinyfix® Primer**.

Application:

Neoproof® is applied after good stir with paintbrush, brush, role, or even with airless spray gun. If it needs, it can be diluted with water, maximum up to 10%. However, it should be taken providence that the thickness of coating will be enough in order to not be extended excessively the time of drying.

Neoproof® is usually applied in two at least layers with different direction between them. After drying the first layer, at least in the

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surface, it must be applied the second in 24 hours.

Special Notes

- Can be overpainted with water-borne paints (e.g. **Proflex[®]**).
- The material should not be applied under conditions of humidity or when it is forecasted that will prevail humid weather, before the membrane be dried completely.
- For higher requirements and in cases of cover of cracks above 1,5 mm **Neoproof[®]** can be strengthened with fibreglass **Neotextile[®]**. In this case are required at least 3 layers of material

Colours

Beige

Packaging

Container 5kg

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.