

Neoproof[®] 360W

Water-based elastomeric waterproofing coating, for non-exposed surfaces

Fields of application

Neoproof[®] 360W is a brushable water-based elastomeric waterproofing coating, particularly suitable for non-exposed horizontal or vertical building surfaces prior to plastering or the application of ceramic tiles, roof tiles etc. or before laying insulating panels. Ideal for waterproofing in planter boxes.

Properties

- Forms a blister-free membrane, impermeable to moisture, providing high mechanical properties
- Excellent adhesion strength on numerous building surfaces
- Highly resistant to alkali
- Exhibits high flexural and tensile strength
- Fast-drying and easy to apply
- Offers protection against underground radon

Technical Characteristics

Density	1,30kg/L
Elongation at break (ASTM D412)	270% (±20%)
Tensile strength at break (ASTM D412)	3,5MPa (±0,2MPa)
Adhesion strength (EN 1542:2001)	> 2.5N/mm ²
Drying time (+25°C)	1-2 hours
Dry to recoat (+25°C)	24 hours
Total hardening	~7 days
Consumption	1kg/m ² for two layers (cementitious surface)

V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AcWB: 40g/l (Limit 1.1.2010).

V.O.C. content of the ready to use product <40g/l.

Instruction for use

Surface preparation: The surface must be stable, clean, dry, protected from rising moisture and free from dust, grease and loose materials. Any poorly adhering materials and older coatings should be removed and the surface should be thoroughly cleaned mechanically or chemically. Depending on the substrate, appropriate mechanical preparation may be required, in order to smooth the irregularities, open the pores and create the optimum conditions for adhesion. The surfaces should be flat, smooth and

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continuous (i.e. without holes, cracks, bays, etc.). In the opposite case, they should be treated accordingly (e.g. by proper puttying).

Priming: Prior to the application of **Neoproof® 360W**, the proper **NEOTEX®** primer should be applied, depending on the substrate. In the case of cementitious substrates, it is proposed to apply **Revinex®** diluted with water in a ratio **Revinex®:water** - 1:4 or the solvent-based primers **Silatex® Primer** or **Vinyfix® Primer**.

Application: Following the priming of the surface, **Neoproof® 360W** is applied, after thorough stirring, in at least two layers by roller, brush or airless spray. If needed, it may be diluted up to 10% with water. After applying the final layer and while it is still fresh, it is advisable to broadcast quartz sand on top of **Neoproof® 360W** so as to promote the adhesion of the subsequent tile adhesive or plaster. After 24 hours, any loose grains should be removed with a high suction vacuum cleaner.

Notes

- **Application conditions:** Surface moisture: <4%, Relative atmosphere moisture: <80%, Ambient and substrate temperature: +8°C min. / +35°C max.
- **Neoproof® 360W** should not be applied under wet conditions, or if wet conditions are expected to prevail during the curing period of the product.
- Every subsequent layer of **Neoproof® 360W** should be applied in a vertical or different direction than the previous one
- **Neoproof® 360W** should not be left exposed to solar radiation
- For demanding applications (e.g. planter boxes) or when covering cracks bigger than 1,5 mm, as well as in the walls-floor intersections, **Neoproof® 360W** should be reinforced with the specially designed non-woven polyester tissue **Neotextile®**. In such cases, at least three coats of the product are required.
- In cases of inverted roof insulation or insufficient thermal insulation, it is recommended to use appropriate roof ventilation.
- For the application of tiles on top of **Neoproof® 360W**, it is advisable to use elastic tile adhesive (C2TE S1)

Colours	Light beige (RAL 1015). Other colours available upon request.
Packaging	12kg, 5kg and 1kg in plastic pails
Cleaning of tools & stain removal	By water immediately after application



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Storage stability


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

Safety Precautions

See Safety Data Sheet.

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NEOTEX S.A. V.Moira str., P.O. Box 2315 GR 19600 Industrial Area Mandra, Athens, Greece 20	
1922-CPR-0386 DoP No.: 4950-66 EN 1504-2 Neoproof® 360W Surface protection products Coating	
Water vapour permeability	Class I
Adhesion strength	≥1.5N/mm ²
Capillary absorption and permeability to water	W<0.1Kg/m ² h ^{0.5}
Permeability to CO ₂	S _D >50m
Reaction to fire	Euroclass F
Dangerous substances	Comply with 5.3

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