

Acqua[®] Primer NP

Water-based epoxy primer suitable for Neoproof[®] Polyurea brushable waterproofing system



Fields of application

Acqua[®] Primer NP is the suitable primer for the preparation of surfaces which are to be brushed with **Neoproof[®] Polyurea** waterproofing systems. It creates chemical bonding with polyurea, contributing to long-term durability of waterproofing.

Properties

Two-component, water-based epoxy primer with high adhesion. It is suitable for concrete surfaces, thermal insulating foam, bituminous membranes with granules, which will be brushed with **Neoproof[®] Polyurea** waterproofing systems.

Compliant with the regulation 2004/42/EC for limitation of V.O.C. in paints and varnishes.

Technical Characteristics

Appearance

Gloss, light grey

Density (EN ISO 2811.01)

Component A: 1,17 g/cm³

Component B: 1,13 g/cm³

Mixing ratio (weight proportion)

100A:40B

Consumption

120-160gr/m², for one coat (depending on substrate absorptivity)

Drying time (+25°C)

7 hours

Pot life (+25°C)

1 hour

Dry to recoat (+25°C)

after 24 hours

Temperature of application

+12°C to +35°C

Walkability (+25°C)

24 hours

Total hardening

~7 days

Adhesive strength

≥3 N/mm²

Instructions for use

Surface preparation: Surface should be also free from dust, dirt, greasy, oily substances and old coatings. Therefore, it should be brushed, grinded or sandblasted and after that cleaned with vacuum cleaner. Moreover, imperfections of new surfaces should be smoothened with pulveriser for lower material consumption and achieving better adhesion properties.

Application: **Acqua[®] Primer NP** (thinned 20-25% per weigh with water) is applied in one layer with roller, brush or spray. Before priming, the primer components A&B should be added and stirred

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thoroughly with low revolution mixer (2-3 minutes).

Notes

- The surface moisture should not exceed 6%. Low temperatures and high humidity during application prolong drying time, etc.
- Should not be applied under wet conditions, or if wet conditions are expected to prevail during the curing period of the product.
- **Neoproof[®] Polyurea** system should be applied 24 hours after the application of the primer in order to achieve chemical bonding between the primer and polyurea. Otherwise, the surface of the primer must be abraded prior to application of the waterproofing material.
- Imperfections (holes, cracks, etc.) both on new and old surfaces must be puttyed with epoxy putty Epoxol[®] or polyurethane mastic Neotex PU Joint which should be sufficiently dry 2-3 days before applying **Neoproof[®] Polyurea**.
- Allow at least 4 weeks to pass between casting new concrete structures and painting them with the product.

Cleaning of tools

Use water immediately after application.

Stain removal

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

Packing

Sets of 7kg (components A&B have fixed weight proportion).

Storage stability

3 years (5-45°C) in sealed tin cans.

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