

Neodur[®] FT Clear

Transparent, 2-component, aliphatic polyurea varnish ideal for the waterproofing of tiled surfaces

Description of the product Neodur[®] FT Clear is a technologically advanced, transparent, fast curing, brushable elastic polyaspartic varnish. It is ideal for waterproofing roofs and balconies that have been fitted with tiles. It offers high mechanical strength and long-term resistance to UV radiation without yellowing.

Properties

- High resistance to abrasion and mechanical stress
- Zero water absorption
- Highly resistant to UV radiation. It does not yellow even after many years
- Crack bridging properties
- Fast drying

Technical characteristics

Appearance	Transparent
Density (25°C)	1,04±0,01g/cm ³
Mixing Ratio (weight prop.)	1:1
Consumption	700gr/m ² (for 2 layers)
Pot life (+25°C)	30 min
Drying time (+25°C)	5 hours
Total hardening (+25°C)	7 days
Service Temperature	-35°C min / +60°C max
Elongation (ASTM D412, +25°C)	200%
Surface humidity content	<4%
Hardness Shore D (EN ISO 868:2003/ASTM 2240)	25
Tensile Strength (ASTM D412, +25°C)	22MPa
Abrasion resistance	80mg (Taber test CS 10/1000/1000, ASTM D4060)

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Instructions for use

Surface preparation: The surface under the tiles should be dry. In case of moisture beneath the tiles, ventilators should be fitted before the application. The surfaces must be rough (not smooth) and thoroughly dry, free from dust, dirt, greasy and oily substances. In case of glossy tiles, it is necessary to grind the tiles and remove the glazy film. For mat tiles, the surface must be treated with **Neosil[®] Bond** in order to improve the adhesion of the following material. For applications where the tile grout is fresh (less than 1 year), it is necessary to apply **Neodur[®] Polyurea M** as a primer, diluted with **Neotex[®] PU 0413** (50-60%) with a consumption of 50 gr/m². If the tiles are not newly installed, then after treatment with **Neosil[®] Bond**, **Neodur[®] FT Clear** can be applied directly in two layers.

Application: After very good stirring of the components A & B in the appropriate ratio, the mixture is applied onto the surface and spread thoroughly by brush or roller.

Special notes

- **Neodur[®] FT Clear** should not be applied when the temperature is below + 5°C.
- **Neodur[®] FT Clear** is not suitable for the production of stone carpets.

Cleaning of tools

Immediately after application with solvent **Neotex[®] 1021**.

Packing

Set (A+B) 8kg, 2kg

Storage

1 year if kept unopened in its original package, protected from frost and sunlight.