

ESTABLISHED IN 1959

CONSTRUCTION CHEMICALS



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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/m² (for 2 layers)
Pot life (+25°C)	30 min

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Drying time (+25°C) 5 hours

Total hardening (+25°C) 7 days

-35°C min / +60°C max **Service Temperature**

Elongation (ASTM D412, +25°C) 200%

Surface humidity content <4%

Hardness Shore D (EN ISO 25 868:2003/ASTM 2240)

Tensile Strength (ASTM D412, +25°C) 22MPa

Abrasion resistance 80mg (Taber test CS 10/1000/1000, ASTM D4060)

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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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.

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