

ESTABLISHED IN 1959

CONSTRUCTION CHEMICALS



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Neodur® Varnish W Mat

Description of the product	Neodur® Varnish W Mat is two-component, water based, polyurethane transparent varnish, cured with aliphatic polyisocyanates.	
Uses	Recommended as a protective varnish after colored decorative cement slurries, stone, wooden surfaces and cement based floors. It is friendly to the environment and the end-user and is suitable for places where solvent smells are undesirable.	
Properties-Advantages	High strengthStrong adhesion	
	Excellent hardness	
	Long lasting durability against weathering	
	Abrasion resistance	
	Very good yellowing resistance	
	Resistant against UV radiation	

Technical characteristics

Consumption 125gr/m² on properly prepared surfaces

Application temperature 12-35°C

Density 1,01 kg/l

Mixing ratio 9A:1B

Total hardening 7 days at 25°C

Abrasion Resistance 30 mg - Taber Test ASTM D 4060 (CS 10/1000/1000)

Adhesion Strength (EN 13892-8) ≥2, 5 N/mm²

Resistance to temperature change -30°C up to +80°C (Dry loading)

Dry film thickness 64 μm (in one layer)

Instruction for use

The surface should be, clean and absolutely dry, free from dust, dirt, greasy and oil substances. Before applying, mix both component A and components B thoroughly for 3 minutes and apply by brush or roller, 5 minutes after mixing. Dilute up to 15 - 20% with water. When it is applied as a protective varnish for decorative cement screed the surface should be primed 4 hours before, with the hybrid primer **Neodur Varnish PR**.

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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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Neodur® Varnish W Mat

Pot Life

Temperature	Time
+12°C	1,5 hours
+25°C	1 hour

Overcoating

Temperature	Time
+12°C	28 hours
+25°C	24 hours

Walkability

Temperature	Time
+12°C	28 hours
+25°C	24 hours



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	Neodur® Varnish W Mat B component: 6 months kept in the unopened, original container.	
Storage stability	Neodur[®] Varnish W Mat A component: At least 2 years if kept in the original sealed packaging, protected from frost, humidity and exposure to solar radiation.	
Packing	Set of 3kg, 1kg	
Stain removal	Use water when the stain is still fresh and damp. In case of hardened stains, use mechanical means.	
Cleaning of tools	Use water immediately after application.	
	 The surface should be protected from rising moisture attack. Allow at least 4 weeks to pass between casting new concrete structures and painting them with the product 	
Notes	The product should not be used under humid conditions. Humid conditions are expected to prevail during the curing period of the paint film. The product should not be applied at atmospheric temperatures <12°C, at relative surface humidity >4% and relative atmospheric humidity >65%.	



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