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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 strength
- Strong adhesion
- Excellent hardness
- Long lasting durability against weathering
- Abrasion resistance
- Very good yellowing resistance
- Resistant against UV radiation

Technical characteristics

Consumption	125gr/m ² 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/mm ²
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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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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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 <12⁰C, at relative surface humidity >4% and relative atmospheric humidity >65%.
- 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

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

Set of 3kg, 1kg

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.

Neodur[®] Varnish W Mat B component: 6 months kept in the unopened, original container.