

Neodur[®] Stone Varnish

Transparent acrylic varnish, with satin finish,
suitable for stones and stamped concrete

Description

Transparent pure-acrylic varnish, with satin finish, suitable for stones and stamped concrete. Ideal for the impregnation of porous surfaces, as well as for preventing dust generation in concrete floors. Contains UV filters.

Fields of application

- Porous stones
- Stamped concrete
- Concrete and decorative cement-based floors

Properties - Advantages

- Penetrates deep into the surface
- Contains UV filters, offering high resistance to solar radiation and yellowing
- Waterproofs and protects the surfaces against mould growth and atmospheric pollution
- Enhances the natural appearance of the surfaces, offering a “wet look”
- Prevents dust generation
- Fast-drying



Packing

200L, 20L, 4L and 1L

Appearance

Transparent, satin

Technical characteristics

Density (EN ISO 2811-1)	0,90kg/L (±0,05)
Adhesion strength (EN 13892-8)	≥2N/mm ²

Consumption: 120-140ml/m² for one layer (depending on the absorptivity of the substrate)

Application conditions

Substrate moisture content	<4%
Relative air humidity (RH)	<70%
Application temperature (ambient - substrate)	+10°C min. / +35°C max.

Curing details

Drying time (+25°C, RH 50%)	1 hour (initially)
Dry to recoat (+25°C, RH 50%)	3 hours
<i>* Low temperatures and high humidity during application and/or curing prolong the above times, while high temperatures reduce them</i>	

Instructions for use

Substrate preparation

The surface must be stable, clean, dry, protected from rising moisture and free of dust, grease and loose materials. Any poorly adhering materials and older coatings should be thoroughly removed and the surface should be thoroughly cleaned, by proper mechanical or chemical means. Depending on the substrate, appropriate mechanical preparation may be required, in order to smooth out the irregularities, open the pores and create the optimum conditions for adhesion.

Application

Neodur® Stone Varnish is applied in one layer, undiluted, by roller, brush or airless spray. In surfaces of high porosity and increased absorptivity, higher consumption or an additional layer may be required.

Special notes

- **Neodur® Stone Varnish** should not be applied under wet conditions, or if wet conditions or rainy weather are expected to prevail during the application or the curing period
- It should not be applied on surfaces where water repellent impregnation materials (e.g., siloxane-based) or waxes have been applied in the past

Appearance (cured)	Transparent, satin
Packing	20L, 4L and 1L in metal cans 200L in metal drums
Cleaning of tools – Stains removal	By Neotex® 1021 immediately after application. In case of hardened stains, by mechanical means



Volatile organic compounds (V.O.C.)	V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AhSB: 750g/l (Limit 1.1.2010) - V.O.C. content of the ready-to-use product <750g/l
UFI code	6E50-40RE-600A-HKG5
Storage stability	2 years, stored in its original sealed packing, protected from frost, humidity and exposure to sunlight

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 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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