

Neobond®

Special water-based polymer for strong bonding

Description

Special water-based acrylic polymer, suitable for strong bonding

Fields of application

- Bonding new to old concrete
- Bonding of cement mortars, tile adhesives or the self-levelling cementitious screed **Neofloor®** to various construction surfaces
- As a binding primer and adhesion promoter of cement screeds and plasters to old cement-based substrates



Packing

5kg and 1kg

Properties - Advantages

- Very high bonding ability
- Excellent adhesion on porous, as well as non-porous surfaces
- High elasticity even under low temperatures
- Resistance to ageing
- Eco-friendly & user-friendly

Technical characteristics

Density (EN ISO 2811-1)	1,05kg/L (±0,03)
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Consumption: 500-700gr/m² per layer

Application conditions

Substrate moisture content	<4%
Relative air humidity (RH)	<80%
Application temperature (ambient - substrate)	+5°C min. / +35°C max.

Curing details

Dry to overcoat (+25°C)

60-90 minutes

** Low temperatures and high humidity during application and/or curing prolong the overcoating time, while high temperatures reduce it*

Instructions for use

Substrate preparation

The surface must be dry and protected from rising moisture, stable, clean and free of dust, grease, oil and loose material. Loose friable material and any older coatings must be removed carefully by proper mechanical or chemical means. Depending on the substrate, mechanical preparation may be required, in order to smooth out the irregularities, achieve an open- textured surface and ensure optimum adhesion.

Application

Bonding old and new concrete

After thorough stirring, **Neobond**[®] is applied on the substrate by roller or brush in one layer, diluted 5-10% with clean water. The application of the new concrete can be done after app. 60-90 minutes, depending on the atmospheric conditions.

*Bonding of cement mortars, tile adhesives or self-levelling cementitious mortar **Neofloor**[®]*

After thorough stirring, **Neobond**[®] is applied on the substrate by roller or brush in one layer, undiluted or diluted 5% with clean water. The application of the cement mortar or the tile adhesive or **Neofloor**[®] follows after app. 60-90 minutes, depending on the atmospheric conditions.

Special notes

- The final film remains sticky for a long time.
- It is recommended that the subsequent layer is not applied if more than 12 hours have passed from the application of **Neobond**[®]

Appearance	Milky liquid
Packing	5kg and 1kg in plastic pails
Cleaning of tools – Stains removal	By water immediately after the application. In case of hardened stains, by mechanical means only.
Volatile organic compounds (V.O.C.)	V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AhWB: 30g/l (Limit 1.1.2010) - V.O.C. content of the ready-to-use product <30g/l
UFI code	U7H0-W0QE-S00P-UKW9



Storage stability

18 months, if kept in the original sealed packaging, protected from frost, humidity and exposure to solar radiation. Storage temperature: +15°C min. / +30°C max.

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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