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Neotex[®] PU Primer

One-component polyurethane, fast setting adhesion primer

Fields of application

Neotex PU[®] Primer is suitable for adhesion improvement of sealants (such as polyurethane sealant **Neotex PU[®] Joint**) in construction joints. Also is suitable for stabilization of old or new cement-based surfaces, like industrial floors, garages etc. It can be applied as a primer on metals before the application of polyester and polyurethane materials. It is one-component (cures with the moisture of the atmosphere) and easy to apply.

Properties/Advantages

- Very high hardness and adhesion
- High hardness abrasion and chemical resistance (alkalies diluted acids, water and many solvents)
- It polymerizes with the ambient humidity
- Easy to apply

Technical Characteristics

| | |
|------------------------|---|
| Appearance | Transparent, glossy |
| Spreading rate | 5-6,5m ² /l for one layer on cement-based surfaces 7-8m ² /l for one layer on metal surfaces |
| Density | 0,96g/cm ³ |
| Drying time(+25°C) | 1,5 hour |
| Dry to recoat(+25°C) | 4 hours |
| Walkability(+25°C) | 4 hours |
| Total hardening(+25°C) | 24-28 hours |
| Resistance to adhesion | > 2,5N/mm ² |

V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AhSB "Binding Primers": 750g/l (Limit 2010). V.O.C. content of the ready to use product <750g/l.

Instructions for use

Surface Preparation: The surface must be dry (humidity limit=5%). Loose particles, older coatings and dust have to be removed by brushing, rubbing and cleaning of the surface

Application: Apply 1 coating of **Neotex PU[®] Primer** with brush, roller or gun. In case a 2nd coating will be applied after 24 hours, slightly roughen the surface.

Notes

- Application Conditions: Substrate moisture <4% / Relative air humidity <70% / Ambient temperature: from +12°C to +35°C



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- Drying and recoating times are prolonged from low ambient humidity and low temperature
- **Neotex PU[®] Primer** is applied undiluted

Packing

0,4L and 1L in metal container

Cleaning of toolsImmediately after application, with solvent **Neotex[®] 1021**.

Safety Precautions

See Safety Data Sheets.

Shelf Life

12 months in sealed containers, free from humidity and protected from sun. After the initial opening of the container, shelf life is significantly shortened, due to humidity absorption.



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.