

Primer 500

Polyurethane Based Primer

Description:

1K component polyurethane primer that penetrates to deep. It is a solvent-based product. It cures with the moisture of the surface and the air.

Uses:

It can be used as a primer especially for concrete surfaces before application of polyurethane based waterproofing membranes, sealants and joint fillers

Feature and Benefits:

- Excellent adhesion to absorbent surfaces.
- Highly elastic to meet surface movements.
- Easy application (by roller or airless gun).
- Resistant to accumulated water and frost
- Economical

Substrate Quality

- The substrate must be clean, dry and free of all contamination such as dirt, oil, grease, and coatings etc. which hinder an adhesion.
- The substrate must be sound and of sufficient strength. If in doubt, apply a test area first.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.
- All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.
- By brush: With a thick haired brush.
- By roller: With a solvent resistant, "non-fuzzy" roller.
- By spray: Airless spray equipment, for example: piston pump

Substrate and Ambient Condition

+5°C - +35°C

Cleaning of Tools

Clean all tools and application equipment with paint thinner immediately after use. Hardened/cured material can only be mechanically removed

Application and Limitation

- Foreign material should not be added
- Do not apply under the rain

Technical Data

Type:	Liquid, Polyurethane, Solvet Based
Color:	Transparent Yellow
Density:	0,94 ± 0,03 kg/lit.
Adhesion Strength to Concrete	>1 Mpa (@ +20°C)
Application Temperature:	Between +5 °C and +50°C degrees
Temperature Resistance Up To	70 °C
Touch Dry Time	15-20 min.

Packaging:

3 or 15 kgs Tin

Shelf Life:

12 months from the production date in dry and moisturefree ambient. Package should be kept tightly closed when not in use. Packages should be protected against frost

Notes

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Local Restriction

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the product uses

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Istanbul Teknik's products, are given in good faith based on Istanbul Teknik's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Istanbul Teknik's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Istanbul Teknik reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request