

PENETRATING POLYURETHANE-BASED NON-POROUS SURFACE PRIMER

DESCRIPTION

U-PRIMER 130 is a single component, deep penetration, polyurethane-based, non-porous surface primer. It cures by air moisture. It promotes the adhesion of U-SEAL and SIMP® SEAL sealants/adhesives to non-porous surfaces, stainless steel, aluminium, copper, brass, painted surfaces etc. The primer penetrates the material and eliminates residual dust. U-PRIMER 130 is not suitable for application on the following materials: concrete, cement screeds, wood, etc. It ensures the complete protection of the adhesive, by creating a barrier against harmful UV rays, which can lead to the degradation of the adhesive. It is also an adhesion promoter. To be used in conjunction with U-CLEANER ACTIVATOR.

RECOMMENDED FOR

U-Primer 130 gives improved adhesion all non-porous materials used in industrial assembly such as:

- ▶ Painted surfaces
- ▶ FRP
- ▶ Plastics
- ▶ Glass
- ▶ Aluminum and some metals
- ▶ Ceramic or quarry tile

NOT SUITABLE AS UV COATING FOR TRANSPARENT GLASS.

TECHNICAL CHARACTERISTICS

| Characteristics | Test Result |
|--|---|
| <i>Type</i> | Liquid -free of lumps |
| <i>Chemical nature</i> | Polyisocyanates |
| <i>Color</i> | Black |
| <i>Curing mechanism</i> | Moisture-curing |
| <i>Specific gravity</i> | 0,95 g/cm ³ (59,31 lbs/ft ³) |
| <i>Evaporation time</i> [At 23 °C (73,4 °F) and RH 50% | approx. 3 min |
| <i>Application</i> | Felt applicator or abrasive sponge |
| <i>Surface activation time</i> | Max. 24 h |
| <i>Application temperature</i> | 10 °C to 35 °C (50 °F to 95 °F) |

Note: All data are average values obtained under laboratory conditions. Impractical use, temperature, humidity and absorption of the substrate may influence the above given values.

DIRECTIONS FOR USE

Surface Preparation: The surfaces to be treated must be perfectly clean, dry, dust and grease free. Application of U-Primer 130 can only take place once the thorough cleaning of the bonding area with ACTIVATOR 400 NP has been completed.

Application: Shake bottle well before application (for at least 1 min.) till the noise of the metal balls contained in the bottle can be heard. Close immediately after use as product evaporates very quickly. Ensure that primer is tack-free dry before proceeding. An open time of longer than 24 hours necessitates reactivating the primer

Coverage U-Primer 130 has consumption of about 150 g/m².

PENETRATING POLYURETHANE-BASED NON-POROUS SURFACE PRIMER

SPECIAL CONSIDERATIONS

Once opened, packs should be used up within a relatively short time.

Ensure adequate exposure to air, as the system cures with air moisture.

Contact PENETRON HELLAS S.A. for further information, regarding your project.

PACKAGING

U-PRIMER 130 can be purchased in aluminum bottles of 250 ml (15,26 in³) (12 bottles per box).

STORAGE / SHELF LIFE

U-Primer 130 can be stored for 12 months in its original packaging (unopened container) at 10°C - 25°C (50 °F - 77 °F) in a cool, dry place. The storage temperature should not exceed 25°C (77 °F) for extended periods of time. Keep away from wet areas, direct sunlight and heat sources.

SAFE HANDLING INFORMATION

Wear appropriate eye, skin and breathing protection when using this product. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. For further information please refer to Safety Data Sheet. PENETRON HELLAS S.A. has recently updated Safety Data Sheet on the safe use of PENETRON® products. Each Safety Data Sheet contains health and safety information for the protection of your employees and your customers. KEEP OUT OF REACH OF CHILDREN.

WARRANTY - DISCLAIMER

PENETRON HELLAS S.A. warrants that its products are manufactured under certified ISO Standard procedures, are of excellent quality and shall be free from material defects and contain all components in their proper proportion. Should any of the products be proven defective, the liability to PENETRON HELLAS S.A. shall be limited to replacement of the material proven to be defective, since the standard application procedures have been met and the suitability of the product for the particular application have been proven. PENETRON HELLAS S.A. makes no warranty as to merchantability of fitness for a particular purpose. User, after contacting the distributor of the product, shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith. While every care has been taken, the information provided in this product's data sheet make no part of any contract. All recommendations, technical data and test data contained in this product's data sheet are based upon the results of control laboratory tests or in actual field tests. However, PENETRON HELLAS S.A. makes no warranty of any kind, concerning this data. In any case, this data is given in good faith based in the PENETRON HELLAS S.A. experience, till the publication of this sheet. Due to variance in storage, handling and applications of the materials, PENETRON HELLAS S.A. accepts no liability for the results obtained. It is suggested that potential users try small applications to determine the suitability of each individual product for their specific requirements. The users should always refer to the most recent edition of the product's data sheet. PENETRON HELLAS S.A. may particularly differentiate its versions of the product's data sheet compared with those of PENETRON INTERNATIONAL LTD or respective PENETRON companies worldwide. These changes are due to text formatting, different application weathering and procedures or different product names and aim at the optimal consumer information.

PENETRON HELLAS S.A.
G.E.MH. No: 07278001000
Athens Headquarters - Greece
50 - 52, Thrakomakedonon Av.
136 79 Acharnes, Greece
T: +30 210 2448250
F: +30 210 2476803
info@penetron.gr, www.penetron.gr