

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

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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 ROMANIA or further information, regarding your project.

PACKAGING

U-PRIMER 130 can be purchased in aluminum tubes with sponge of 10 mL (0,61 in³) (576 pieces per box), in aluminum bottles of 30 mL (1,83 in³) (25 bottles per box), 250 ml (15,26 in³) (12 bottles per box) and 1000 mL (61,02 in³) (8 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. 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

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