

TRANSPARENT PRIMER FOR JOINTS ON CONCRETE AND POROUS MATERIALS

DESCRIPTION

U-Primer 110 is a transparent primer used to promote the adhesion of U-Seal and SiMP-Seal sealants in vertical and horizontal expansion joints on concrete and porous materials and for the consolidation of these materials when the surfaces are dusty or inconsistent.

RECOMMENDED FOR

U-Primer 110 gives improved adhesion of PU and Simp-Seal sealants, in vertical and horizontal expansion joints on:

- ▶ Concrete
- ▶ Brick, masonry
- ▶ Natural stone and marble

TECHNICAL CHARACTERISTICS

Characteristics	Test Result
Type	Liquid -free of lumps
Chemical nature	Polyurethane
Color	Yellowish transparent
Curing mechanism	Moisture-curing
Specific gravity	0,97 g/cm ³ (60,56 lbs/ft ³)
Evaporation time [At 23 °C (73,4 °F) and RH 50%	ca. 30 minutes
Application	By brush or abrasive sponge
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 application of U-Primer 110 can only take place after having eliminated dust and inconsistent residues from the surface of the joints. The bonding surface must be treated according to the PENETRON HELLAS S.A. application guidelines.

Application: Shake the bottle well before application. Close immediately after use as the product evaporates very quickly. If the bottle is closed efficiently and stored well, consume within a week of opening. If the primer is exposed to the atmosphere for a long time, it can become opaque (or cloudy) with possible loss of performance, do not use opaque material. Make sure the primer is dry before proceeding with the bonding process. Complete the entire bonding process within a few hours to prevent dust and other material from contaminating the surfaces again. An open time of more than 36 hours requires the reactivation of the primer.

Coverage U-Primer 110 has consumption of about 150 mL/m².

SPECIAL CONSIDERATIONS

Clean the tools used with acetone or solvent.

When the material has not yet hardened, it can be removed using paper or a cloth. Once hardened, the product can only be removed mechanically.

Avoid skin contact by using latex, rubber or polyethylene gloves.

PENETRATING POLYURETHANE-BASED NON-POROUS SURFACE PRIMER

If it comes in contact with the skin, remove immediately and wash with soap and water.

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

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

PACKAGING

U-PRIMER 110 can be purchased in tin bottles of 250 mL (15,26 in³) and 1000 mL (61,02 in³) (12 bottles per box).

STORAGE / SHELF LIFE

U-Primer 110 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.

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