

**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**

<b>Characteristics</b>	<b>Test Result</b>
Type	Liquid -free of lumps
Chemical nature	Polyurethane
Color	Yellowish transparent
Curing mechanism	Moisture-curing
Specific gravity	0,97 g/cm <sup>3</sup> (60,56 lbs/ft <sup>3</sup> )
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/m<sup>2</sup>.

**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 in<sup>3</sup>) and 1000 mL (61,02 in<sup>3</sup>) (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.

**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.

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