

## PRIMER PU

Porous substrate primer for use with Flex-Pro PU Sealants & PU 850 membrane

### DESCRIPTION

PRIMER PU is a solvent based primer specifically designed for use with the Flex-Pro polyurethane sealant range, and AFTEK PU 850 membrane to ensure adhesion to porous substrates. Especially with water immersed applications. For use with:

- Flex-Pro PU
- Flex-Pro 50FC
- PU-850

### FEATURES AND BENEFITS:

- Easy application
- Promotes high bond strength of polyurethane sealants & Aftek PU 850 waterproofing membrane.
- Perfect adhesion to minerals and concrete surfaces.
- Transparent, clear appearance
- High resistance to all weather conditions (-30°C /+120°C)
- Decreases the water absorption of the concrete.
- One part – no mixing required (ready to use)
- Water resistance

### TYPICAL USES:

- Concrete
- Render
- Brickwork
- Brick
- Lightweight Blocks
- Unglazed ceramic tile

### TYPICAL PROPERTIES

|                                |                           |
|--------------------------------|---------------------------|
| <b>Colour</b>                  | Clear                     |
| <b>Viscosity</b>               | Clear, thin liquid        |
| <b>Coverage</b>                | 5m <sup>2</sup> per litre |
| <b>Drying time</b>             | 2-3 Hours @20°C           |
| <b>Composition</b>             | Moisture Sensitive        |
| <b>Application temperature</b> | Above 5°C                 |
| <b>Water resistance</b>        | Excellent                 |
| <b>Corrosion resistance</b>    | Excellent                 |
| <b>Packaging</b>               | 15 Litre Drum             |

### SURFACE PREPARATION:

Before applying **PRIMER PU** the substrate must be sound, dry, clean and free from any dust, residue or contamination and meet the requirements of substrate preparation detailed in the applicable polyurethane sealant or waterproofing membrane Technical Data Sheet. AFTEK's primers or sealants should not be applied to unpredictable absorptive surfaces, including surfaces such as marble, limestone or granite unless a standard of appearance has been agreed on a result of testing for stain and/or discoloration.



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## APPLICATION

**PRIMER PU** has a transparent appearance, and is specially formulated for use on porous substrates such as concrete, render & and masonry. It is not suitable for application on nonporous substrates such as hard plastics and ferrous or non-ferrous metals. Consult AFTEK technical department for suitable non-porous primer solutions.

- Apply with a soft brush allowing a minimum drying time of 15 minutes before applying sealant.
- **PRIMER PU** is a moisture sensitive primer, and will commence curing when exposed to ambient moisture.

### In order to maximise adhesion properties

- Decant the required quantity that can be applied by brush within 30 minutes into a clean, dry container.
- Primer that changes colour or becomes thicker has commenced to cure and should be discarded.
- Avoid dipping the same brush into the original container unless the entire contents are applied in 30 minutes.
- Use a clean & dry container for each decant
- Discard any unused primer; do not pour any unused primer back into any remaining original primer in the original container.
- For extremely porous substrates a second coat may be required. This can be applied 3 hours after first coats application.

Flex-Pro PU Sealants & Pu 850 Waterproofing membrane must be applied within 8 hours or re-priming will be required. A sample test application is recommended on all substrates as staining may occur where the primer has been applied to areas not covered by polyurethane sealant.

## STORAGE AND SHELF LIFE

Store between 5°C and 30°C. Shelf life of **PRIMER PU** is twelve months in original unopened container



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|-------------|-----------|
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