

# APTC Leakproof PU Primer

## Polyurethane concrete primer

### Description

**APTC Leakproof PU Primer** is a solvent based, one component polyurethane primer specially formulated to enhance the bond between waterproofing membranes and concrete.

Designed for use with concrete substrates, **APTC Leakproof PU Primer** is ready to use, provides excellent adhesion and can be used as concrete sealer.

### Uses

**APTC Leakproof PU Primer** is formulated for use with concrete substrates

### Features & Benefits

Fast drying	Suitable for concrete substrates
Single component	Strong key to substrate
Deep penetration for excellent adhesion	Low/medium viscosity

### Specifications & Technical Properties

APPEARANCE	Clear amber liquid
VISCOSITY (BROOKFIELD)	80-160 at 25°C (cPs)
SOLIDS CONTENT (%)	48-52
SPECIFIC GRAVITY	0.98-1.02

### Surface Preparation

All surfaces and substrates to be primed must be clean, dry and structurally sound. Any loose particles, grease, oils, silicones, curing compounds, release agents, efflorescence, laitance, sharp protruding objects or contamination likely to prevent bonding must be removed before application.

Wet or dry abrasive blasting can be used to remove surface defects. Cracks and joints should be filled using a suitable filling compound.

### Application

**APTC Leakproof PU Primer** can be applied using a brush or roller

Apply primer in 1 coat ensuring a full and consistent coverage is achieved. Do not allow primer to pool on the substrate.

## Drying time

Tack free time (hours)	Drying time (hours)	Application Window (hours)
1.5–2.5 @25°C RH	2.5-3.5 @ 25°C RH	4-48 hours

Drying time will be affected by surface and ambient temperature. Longer drying times will be needed in cool, damp or humid weather conditions.

## Coverage

Size	Consumption Rate	Total coverage per pail (1 coat)
20lt	1lt per 7m <sup>2</sup>	140m <sup>2</sup>

## Clean up

Clean all tools, equipment and excess product with warm water and detergent before the product dries.

## Packaging & Storage

Size: 20lt pails

Storage: Store in original sealed container in a cool, dry place between 15-25°C, away from any sources of ignition or heat. Keep container tightly closed.

Product is sensitive to humidity. If pail is left open to atmosphere, product will discolour and skin resulting in contamination. Care should be taken when opening these pails due to internal pressure.

## Limitations

**APTC Leakproof PU Primer** is not suitable for use in the following applications:

- Where the temperature is below 5°C or above 35°C
- Where relative humidity is above 85%
- The suitability of the product for each intended use must be determined by the purchaser prior to the application of the product.

## Health & Safety

APTC Australia supports best practice in material handling; gloves, mask, safety goggles and protective clothing should be worn when handling and using this product. Adequate ventilation is required when applying.

Keep out of reach of children.

**SKIN:** Effects may be delayed. Material can be absorbed through skin resulting in toxic effects. If product comes into contact with skin or hair, remove contaminated clothing immediately and flush with running water for 15 minutes or until advise to stop by Poisons Information Centre or doctor. For skin burns, cover with clean dry dressing until medical help is available. If blistering occurs, DO NOT break blisters. If allergic reaction occurs—swelling, blistering or redness—seek medical advice. **EYES:** In case of contact with eyes, wash out immediately with water Seek medical advice



## Health & Safety cont'd:

**INHALATION:** Remove from contaminated area. Keep patient warm and comfortable and allow to rest until fully recovered. Seek medical advice if effects persist.

If poisoning occurs contact a doctor or Poisons Information Centre Ph 13 11 26 (Australia)

**Fire:** If involved in a fire use alcohol or a dry agent such as carbon dioxide or dry chemical powder.

**Disposal:** Dispose of empty containers in accordance with local, regional, national and international regulations

Safety data sheets (SDS) for this product are available on the APTC Australia website [www.aptc Aust.com.au](http://www.aptc Aust.com.au). Read the TDS and SDS carefully before using any product.

## Disclaimer

The information and recommendations provided regarding the application and use of APTC Australia products are based on APTC Australia's current knowledge and experience, assuming proper storage, handling, and application according to our guidelines. However, due to variations in materials, substrates, and site conditions, we cannot guarantee any warranties related to merchantability or fitness for a particular purpose, nor assume any liability based on this information, written recommendations, or other advice. Users must assess the suitability of the products for their specific application and purpose. APTC Australia reserves the right to modify product properties at any time. Third-party proprietary rights must be respected. All orders are subject to our current terms of sale and delivery. For the most up-to-date product information, users should refer to the latest version of the local product data sheet, which can be provided upon request.

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