

# ACTFLEX 700 PU PRIMER.



## Technical Data Sheet

## HIGH BUILD POLYURETHANE PRIMER

05/02/2025

### Product Description

ACTFLEX 700 PU Primer is a quick-drying, high-built moisture-curing polyurethane primer designed to enhance adhesion and compatibility between FORSPEC PROTECTIVE COATINGS' solvent-based Waterproofing Membranes and joint sealants. This single-pack primer can also be effectively used as a bonding agent for most solvent-based polyurethane liquid membranes.

### Packaging (Weight)

- 1L
- 4L
- 17L

### Roller, Brush Grade or Spray

### Properties

|                                    |                                                  |                                 |                                                                    |
|------------------------------------|--------------------------------------------------|---------------------------------|--------------------------------------------------------------------|
| <b>Appearance</b>                  | Translucent Matte, Viscous Liquid                | <b>Vapor Pressure@25°C</b>      | 3.8 kPa                                                            |
| <b>Odour</b>                       | Solvent odour                                    | <b>Flash Point</b>              | >23°C                                                              |
| <b>Solvent Resistant</b>           | Good                                             | <b>Density @25°C</b>            | 0.8.0-1.0 g/mL                                                     |
| <b>Toxicity</b>                    | Dry Film is not toxic                            | <b>Volatile Content</b>         | <70 %(w/w).                                                        |
| <b>Solubility</b>                  | Soluble in organic solvent<br>Insoluble in water | <b>Touch Dry Time, Minimum</b>  | 30 minutes at 20°C and 50% R.H.<br>15 minutes at 30°C and 50% R.H. |
| <b>Waterproof Time</b>             | 3 Hours at 25°C and 50% R.H.                     | <b>Full Cure:</b>               | 6 Hours at 25°C and 50% R.H.                                       |
| <b>Coverage</b>                    | 4m² to 6m²/L depending on surface                | <b>Application Temperature:</b> | 10°C – 26°C.                                                       |
| <b>Usable Period After Opening</b> | Within same day                                  | <b>Shelf Life</b>               | 6 Months                                                           |

Coverage, drying and curing rates are given as a guide only as they can be affected by surface porosity, humidity, temperature, climate conditions, ventilation, application technique and dry film thickness. Improper storage may result in instability of product.

### Suitable Surfaces

1. New and old concrete
2. Render
3. Masonry
4. Timber
5. Bricks
6. To bond existing waterproofing liquid polyurethane membranes
7. CFC Sheeting, Villaboard

### Surface Preparation

- Ensure the surface is structurally sound, dry, clean, and free of contaminants. Repair any holes or non-structural cracks. Follow manufacturer specifications for repair systems.

### Applications

#### 1. Application Instructions

- Mix the product thoroughly before use. Ensure adequate ventilation during application.
- Apply one even coat using a brush, roller, or spray.
- Allow the primer to dry before installing backing rod, sealant, or waterproofing membrane system.
- Do not apply on substrates with surface temperatures below 10°C.
- Perform a sample test application on all substrates to prevent staining.
- Do not use with water-based products.
- Not suitable for exposure to sunlight and must be protected after 48 hours of full cure.

## Limitations

- A sample test application is recommended on all substrates as staining may occur.
- ACTFLEX 700 Primer PU is NOT recommended to be used with water-based products.
- ACTFLEX 700 Primer PU is NOT a vapour barrier. Moisture will cause the primer to blister and peel.
- ACTFLEX 700 Primer PU is NOT suitable for exposure to sunlight and must be protected from sunlight after 48 hours of full cure.
- Improper storage may result in instability of product in can.

## Storage

Months when stored locked up in original unopened containers in a cool, dry, well-ventilated place at temperatures between 10°C to 25°C. Storage above this temperature may reduce storage life. Uncured product is combustible so keep away from a sources of heat and ignition and its vapours and DO NOT store in pits, depressions, basements or areas where vapours

may be trapped. Keep away from sunlight and moisture - AT 700 PU Primer is sensitive to airborne moisture. It is preferable to use all contents of the container after opening.

Being a moisture cured - Improper storage may result in instability of product in can.

## Cleaning

Clean up immediately while still wet. Wipe down with solvent to clean tools & equipment. Once dry, is difficult to remove and mechanical means may be necessary. No.1. Observe all OH&S and MSDS information pertaining to safe usage and handling of solvents.

**DO NOT** discharge product or water from cleaning into sewer or waterways.

**DO NOT** touch the spill material.

## Health and Safety

When handling DO NOT eat, drink or smoke. Always use in a well-ventilated areas and wear Personal Protection Equipment (PPE). Use breathing respirators at all times. Wash hands immediately after use. DO NOT allow material to contact humans, exposed food or food utensils. In case of eye contact, rinse with plenty of water: If inhaled, remove to fresh air: or if swallowed, immediately contact Doctor or Poisons Information

centre on 131 126 (AUS) and 0800 764 766 (NZ). IN TRANSPORT EMERGENCY DIAL 000 – POLICE-FIRE BRIGADE. Keep containers in a well-ventilated place and tightly closed. Local regulations as well as health and safety advice on packaging labels must be observed. For more information, please download a copy of the SDS from [www.forspec.com.au](http://www.forspec.com.au)

**KEEP OUT OF REACH OF CHILDREN**

## Safety Precautions

When handling DO NOT eat, drink or smoke. ACTFLEX 700 PU Primer is hazardous and may cause skin and eye irritation. Immediately take off all contaminated clothing and thoroughly rinse area that has been in contact with product. Breathing vapours is harmful and may cause asthma like reaction. Use breathing respirators at all times. Organic vapour respirators with particulate pre- filters and powered, air-purifying respirators are NOT suitable. Wear protective gloves, clothing,

and safety goggles with side shields and face protection. In case of eye contact, rinse with plenty of water for at least 15 minutes and contact Doctor or Poisons Information Centre. If swallowed do not induce vomiting and immediately contact Doctor or Poisons Information centre on 131 126 (AUS). Avoid release to the environment. Additional information is listed in the Material Safety Data Sheet SDS can be downloaded from [www.forspec.com.au](http://www.forspec.com.au) .

## Data Sheet

This Technical Data Sheet (TDS) and Material Safety Data Sheet (SDS) are subject to revision as necessary to ensure compliance with relevant Australian Standards and incorporate technological advancements. It is crucial to read the most current versions of the SDS and TDS before use, as application and performance data may be updated. For the latest technical information, please contact Forspec Protective Coatings at (02) 8021 3517 or email [info@forspec.com.au](mailto:info@forspec.com.au) to request a copy. The information provided is representative but does not serve as a comprehensive specification. For specific projects, we recommend consulting directly with the company for tailored specifications..

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