

# QUICK CURE LIQUID WATERPROOFING TECH SEAL PU

20 YEAR GUARANTEE FOR  
FLAT ROOFS  
GREEN ROOFS  
BALCONIES  
GUTTERS



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# TECH SEAL PU

## POLYURETHANE ONE COMPONENT (1K) LIQUID WATERPROOFING, SEAMLESS MEMBRANE WITH 20 YEAR WARRANTY

Acrypol Products are one of the leading Manufacturers of Liquid Polyurethane and Polyurea Membranes designed for applications in Flat Roofing, Green Roofs, Balconies and Gutters.

**Tech Seal PU** is a single component liquid polyurethane membrane used in over 50 Countries. This high performance waterproofing cures to form a tough and seamless membrane which offers a strong and durable waterproofing with a **Guarantee of 20 Years for Flat Roofs, Green Roofs, Balconies and Gutters.**

### AREAS OF APPLICATION

Tech Seal PU is recommended for use on Flat Roof overlay systems and can be used on traditional built-up roofing in both new construction and refurbishment projects. Its cold applied seamless finish makes it ideal for roofs, green roofs, balconies, terraces, podium decks and gutters and as a detailing product for other roofing systems, including asphalt, bituminous felt, concrete, single ply, and metal surfaces.

### FEATURES AND BENEFITS

- **Fast Curing.** Rain Proof after 2 hours, Cured after 4 hours
- Single Component / No Mixing.
- Light grey Base Coat / Dark Grey Top Coat
- No primer for old Bitumen or Asphalt roofs
- 2 Coat System – Fully Reinforced.
- Easy Application. 10 kg and 25 kg drums
- Application by Roller or Brush or Airless Spray.

### APPLICATION METHOD

1. Clean substrate of any loose materials, dirt, grease etc and dry the surface.
2. Do not apply any Primer or Base Coat to a wet surface
3. Tape and fill in any joints / cracks with PU Sealant.
4. Where a primer is required - apply as per the Instructions, and allow the primer to dry.
5. Apply the Base Coat of 1 kg per sq m to all upstands and roof outlets/ details, While the Base Coat is wet roll in the FG Mesh and make sure the reinforcement is saturated.
6. Apply the Base Coat of 1 kg per sq m to all the flat areas and again roll in the FG Mesh Reinforcement and make sure this reinforcement is saturated, Allow to dry ( 4- 5 hours depending on the temperature and humidity )
7. After the Base Coat is dry inspect the Base Coat to see if any FG Mesh is sticking up / Wicking - and if so sand/ abrade the fibres to achieve a flat finish.
8. Apply the final dark grey Top Coat of 1 kg per sq m over all the upstands/Roof-Outlets/ details and then over all the flat roof area.

### APPLICATION OVER INSULATION

1. Insulation must be adhered to the deck / vapour barrier with cold adhesive.
2. Tape all Insulation Board Joints.
3. Apply an isolating membrane of 3B Glass Bitumen adhered with cold adhesive laid in stripes.
4. Apply the Tech Seal PU System directly over the 3B glass bitumen and no primer is required.

### PRIMERS

Support	Primer
Bitumen and Asphalt surfaces	No Primer
Single Ply PVC	Acrypol TS PU PRIMER
Metal roofs	Acrypol TS PU PRIMER
Dry Concrete	Acrypol Porosity Sealer Flex
Damp surfaces (timber and concrete)	Acrypol TS Humidity Primer



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For full details about all products and detailed application manual - visit [www.acrypolproducts.co.uk](http://www.acrypolproducts.co.uk)