

## DESCRIPTION:

**OCI 150PU** is a fast curing, multipurpose one-component, gun-grade, non-sag polyurethane elastic adhesive and sealant. It cures under the influence of atmospheric moisture to form a high-performance compound with permanent elasticity and resistance to ageing and weathering.

## FEATURES & BENEFITS:

- Fast Cure Rate
- Sealing joints under waterproofing membranes.
- Excellent resistance to aging and weathering
- No shrinkage during curing
- Excellent adhesion on common building materials such as concrete, masonry, brick, ceramic tile, metals, soft wood, hardwood.
- Compliant to ISO 11600 Type F Class 25 sub-class HM.

## APPLICATION INSTRUCTIONS:

The following should only be used as a guide and the installer should apply all Australian Standards, BCA/NZBC requirements, and best practices when installing.

1. Surface must be clean, dry and free from oil, grease, release agents, dust and loose material.
2. Install backing rod to correct depth apply masking tape as required.
3. Cut the end of the sausage and insert into a Selleys sausage gun.
4. Extrude sealant into the joint such that it is in full contact with the sides of the joint. Avoid overlapping of sealant to eliminate entrapment of air.
5. Smooth sealant with spatula forcing the sealant into the joint for better contact with the sides.
6. Painting with water-based paints is possible after curing. If solvent-based paints are used; prime first with water-based primer.

## TECHNICAL DATA

<b>Chemical Nature</b>	Polyurethane
<b>Colour</b>	Grey (other on request)
<b>Curing Mechanism</b>	Moisture-curing
<b>Hardness Shore A</b> (DIN53505)	38
<b>Joint Movement Capability</b> (ASTM C920)	±25%
<b>Skin Time</b> (23°C and 50% RH)	50 min
<b>Cure Rate</b>	2,3 mm/24h
<b>Elastic Modulus at 100%</b> (ISO 37 DIN 53504)	0.7 [N/mm <sup>2</sup> ]
<b>Tensile Strength</b> (ISO 37 DIN 53504)	1.7 [N/mm <sup>2</sup> ]
<b>Elongation at Break</b> (DIN 53504)	570%
<b>Density [g/cm<sup>3</sup>]</b>	1.33
<b>Application Temperature</b>	5°C to 35°C
<b>Service Temperature</b>	- 40°C to +90°C

## JOINT & SEALANT DIMENSIONS:

The optimum width to depth ratio for joint sealing is 2:1. Minimum joint width and depth is 6mm. For joint widths up to 12mm, use a width to depth ratio of 1:1. For joint widths greater than 12mm, use a width to depth ratio of 2:1.

### Notes:

- Wider joints can accommodate more total movement than narrow joints.
- Always install suitable diameter backing-rod (polyethylene or polyurethane foam rod) in joints to control sealant depth and ensure free movement of sealant in joints.
- Sealant must adhere to sides of the joints only and NOT to the back, so that it is free to stretch.

## STORAGE:

Store unopened sausages below 300C in a cool dry place away from direct sunlight. Unopened sausages can be stored for 12 months from the date of manufacture. Opened sausages may skin and form a lump near the opening. Discard any lumps or skin and remaining product can be used.

**SAFETY**

Wear gloves and safety glasses when using. Not classified as Dangerous Goods. Refer to Safety Data Sheet for more detailed information.

**CLEAN UP:**

Spills and tools can be cleaned up with Mineral Turps before product cures. Cured product can only be removed mechanically.

**IMPORTANT NOTES/LIMITATIONS:**

- Do not apply if air or substrate surface temperature is below 5°C.
- Requires atmospheric moisture to cure.
- Not recommended for continuous submersion or below water line use.
- Do not apply in the presence of curing silicone sealants as cure may be affected.
- Avoid contact with alcohol and other solvent cleaners during cure as cure will be affected.
- Application to substrates with high moisture can cause bubbling within the sealant.
- Do not use for structural or general glazing.
- Avoid air entrapment while applying as a sealant.
- May affect drying of alkyd /oil-based paints
- White sealant may yellow slightly with age and exposure to the sun.
- Do not store product above 30°C.