



PU 301 CS40

TECHNICAL DATA SHEET

1 – DESCRIPTION

PU301 is a one-component, multi-purpose non-sag polyurethane sealant that cures on exposure to atmospheric humidity. It possesses excellent adhesion to various materials such as concrete, wood, stone etc.

2 – PROPERTIES

- Non-Sag consistency-Exceptional thixotropy
- Non-sticky / Does not pick up dirt
- Permanently flexible
- High adhesion strength

3 - APPLICATIONS

- Connection joints in floors.
- Sealing and bonding of ventilation ducts, gutters and spouts etc.
- Joints around windows, door frames.
- For flashing common roofing detail applications.
- Construction adhesive applications.
- For vibration reduction in various substrates.
- Sealing against water, air, gas and dust.

4- INSTRUCTIONS

- Surfaces must be clean, dry and free from all traces of grease, oil and dust.
- Cut off the tip of the nozzle to suit joint width and apply the sealant into the joint with a suitable hand operated or compressed-air gun, taking care to avoid air entrapment. Once opened, packs should be used up within a relatively short time.
- The optimum temperature for substrate and sealant is between 15°C and 25°C.
- Tooling and finishing must be carried out within the tack-free time of the sealant.
- Uncured sealant can be removed from tools and equipment with acetone or another suitable solvent. Once cured, the material can only be removed mechanically.

5- PACKAGING

Product	Weight	Package
White, Grey, Black	310ml	12
White, Grey, Black (sausages)	600ml	12

6-STORAGE AND SHELF LIFE

12 months if stored in its original package, away from direct sunlight and moisture, between +10 °C and +25 °C.

7-RESTRICTIONS

- Avoid application below 5 °C and above 40 °C.
- Do not apply on frozen or wet surfaces or through standing water.
- Avoid air-entrapment during application.
- Avoid contact with alcohol and other solvent cleaners during cure.
- Do not tool with detergent or soap solution

BEFORE CURING	
Basis	Polyurethane
Consistency	Thixotropic
Curing Mechanism	Moisture Curing
Density	1,32±0,02 g/ml
Tack free time	60±10 min. (23°C and 50% R.H)
Curing Rate	Min. 3 mm/day (23°C and 50% R.H)
Sagging	0 mm (EN ISO 7390)
Temperature Resistance	-40°C to +90°C
Application Temperature	+5°C to +40°C
AFTER CURING	
Hardness Shore A	45±5 After 28 days
Paintability	Yes*
Elongation at break	≥150% ASTM D412
Tensile Strength	2,0-2,5 N/mm ² ASTM D412
E100 Modulus	≥0,75 N/mm ² ASTM D412

LEGAL WARNING

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Acceptance of all orders is based on our current terms of sale and shipping. Users should always consider the latest edition of the local Product Information File of the relevant product, which can be obtained by contacting ADROIT.