DATA SHEET



POLYURETHANE CONSTRUCTION SEALANT

It is a single-component, elastomeric, mid-high modulus sealant, which cures with room humidity.
It presents excellent adherence to most of materials used in construction, such as bricks, tiles, polyurethane, epoxy, polyester, metals, wood, cement, concrete, glass, aluminum, marble, granite, natural and synthetic stones, fiberglass, galvanized sheet, etc. It is suitable for bonding or sealing joints, among a great variety of substrates where high adherence strength is required. It is resistant to water, weatherability, UV radiation; it remains flexible and uncracked. It cures fast, it is non-corrosive, paintable and walkable.

Specifications and Presentation

Feature	Unit	Value
Tested at23 °C ± 2, RH50% ± 5%:		
Specific gravity	-	1,4 - 1,45
Dry to touch (skin formation)t	min	60
CuringDepth (24 hs)	mm	3
Profundidade de cura (7 days)	mm	7
Service temperature	°C	-40 a 80
Appearance	thixotropic paste	
Tested at23 °C ± 2, RH50% ± 5% 7 days:		
Hardness (7 days)	Shore A	30
CuringDepth (7 days)	mm	≥ 6
Solid content	%	97
Ultimate elongation	%	1000
Tensilemodulus (MAX)	MPa	1,8
Presentation	Cartridge	310ml
Colors		Grey

Applications

- Joining prefabricated concrete panels.
- Expansion joints.
- Sealing perimeters and joints between construction materials with different coefficients of thermal expansion.
- Sealing shower enclosures, partitions, baseboards, etc.
- Bonding and sealing roofs, terraces, façades and precast elements.
- Sealing cracks and fissures in walls, floors, bathtubs, water tanks, etc.
- Sealing seams, pipe joints and ventilation systems.
- Versatile applications in metalworking and woodworking.
- Bonding and sealing joints between most construction materials, including glass, aluminum, ceramics, tiles, concrete, wood, particleboard, brick, natural and artificial stone, metals, sanitary fixtures, marble, granite, fiberglass and galvanized sheet metal.
- Excellent resistance to mechanical stress.
- Remains flexible and resists cracking.
- Paintable, suitable for foot traffic and non-corrosive.

Instructions for use

Pierce the tip of the tube, place the applicator spout and mount it on the caulk gun. The substrate surface should be clean and free of adhesive/sealant debris, oil and dust. Apply the sealant in bond areas, smooth with a level ruler or trowel and remove the spillover. Allow to cure before painting.
Restrictions: Avoid exposure to high levels of chlorine. Due to the wide variety of existing plastics, it is recommended to perform an adhesion test first.

Warranty

TACSA warrants this product for 12 months in unopened packages, under fresh and dry storage conditions, under 5-27°C temperatures, and between 30% and 70% of humidity.
To avoid contamination of unused product, do not return any material to its original content.

The provided information is based on experimental results under controlled temperature and humidity conditions, and its repetitiveness depends on external conditions, application methods and tools used. TACSA shall not be held liable for any loss, injury, damage or detriment resulting from an incorrect handling or misuse of the product. Its suitability shall be previously determined for the intended purpose.