

601

BUTYL SEALANT

1 - Description

Akfix 601 Butyl Sealant is a one component sealant based on polybutene that provides an effective weatherproof seal in a variety of exterior and interior applications. Butyl Sealant forms a skin in 8 hours but remains permanently elastic underneath. The sealant accommodates joint movement of +/- 5% and exhibits good UV and chemical resistance.

2 - Properties

- Adheres to most common building surfaces.
- Semi drying – forms a surface skin but remains permanently elastic beneath.
- High solids formulation - excellent gap filling properties without shrinkage.
- Good external weathering properties.

3 – Application Areas

- Sealing metal roof panels.
- Pointing around soft and hardwood timber, metal and concrete/stone window and door frames.
- Sealing metal panels in car bodies and containers.
- Sealing pre-cast concrete panels.
- Sealing timber sections to brick, stone and concrete; ideal for rooflines applications.
- Sealing gaps and cracks in brickwork and stone.

4 – Product Information

Packaging	310 ml, 600 ml
Shelf Life	12 months
Storage Conditions	Away from direct sunlight and moisture, between +10 °C and +25 °C

5 – Directions for Use

- Surfaces must be sound, clean, and dry. All release agents, existing waterproofing, dust, loose mortar, laitance, paints, or other finishes must be removed. This can be accomplished with a thorough wire brushing, grinding, sandblasting, or solvent washing, depending on the contamination.
- Apply Butyl Sealant with conventional caulking equipment filling the joint from the bottom first.
- Immediately tool the sealant with a spatula to ensure intimate contact with the joint walls.
- Dry tooling is always preferred, although xylene can be used in limited amounts to slick the spatula if needed.

6 – Technical Data

	Method /Condition	Value
Basis		: Butyl based thixotropic paste
Curing System		: Moisture Curing
Density	ASTM D792	: 1,66 ±0.02 g/cm ³
Volume Loss		: 0
Flow rate		: 50-60 gr/min
Max. Application Width		: 20 mm
Max. Application Depth		: 8 mm
Application Temperature		: +5°C to +25°C

7 – Remarks & Restrictions

- Avoid application below 5 °C and above 25 °C.
- The product is not overpaintable.
- Do not use the product in applications that will be exposed to water pressure and in applications that will be constantly submerged.
- Do not use the product in natural stone applications.

8 – Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

9 – Disclaimer

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