

## BITOGLUE TK

### Thixotropic adhesive and sealant for roof tiles and bituminous membranes

**Description:** Solvent-based thixotropic adhesive, formulated with bitumen, selected elastomeric resins and special additives.

**Advantages:**

- It is applied cold.
- Ready for use and easy to apply.
- High elasticity and resistance.
- Instant waterproofing.
- Also adheres to damp surfaces.
- Resistant to weathering and UV rays.
- Quick and safe adhesion.
- Resistant to high and low temperatures.
- Adheres to bitumen, concrete, wood, metal, glass and plastic.

**Applications:** It is used to:

- glue shingles.
- seal chimneys, skylights, instantly waterproofed joints, TPE aerators, flashings and antennas.
- cold-glue overlapping parts of polymer-bitumen membranes and of the vertical parts of the roof.
- repair damaged polymer-bitumen membranes.
- waterproof joints and gaps right after their application.
- cold-glue bitumen membranes and insulating panels (do not apply on polystyrene-based insulation panels).

**Surface preparation:**

- Make sure that the surface is free from detached parts, loose debris or non-adherent parts, coatings, rust, powder, or release oils; carefully clean the surfaces, which must be sound and sufficiently dry.
- Apply at temperatures between 0 °C and +35 °C; avoid extremely hot or cold conditions during application and drying of the film.

**Application:**

- Bitoglue TK is ready for use. Apply by spatula or, if packed in plastic cartridges, use specific manual or mechanic guns.
- Any swelling that may have occurred on old polymer-bitumen membranes can be eliminated by making cross-cuts in the membranes and then gluing the four flaps back together, first below and then above over the entire surface concerned with Bitoglue TK.
- Use common synthetic thinners to clean tools.

**Consumption:** The indicative consumption of the product as an adhesive is approximately 0.8 kg/m<sup>2</sup>. The product has a yield (using a 280 ml cartridge, with a spout opening of  $\Phi$  5mm) equal to approximately 9.5 linear metres.

**Warnings:**

- Do not use indoors or in non-ventilated premises.
- Do not mix with cement or water.
- Store in tightly sealed original packaging.
- Flammable product.
- Do not expose to heat sources, open flames or other sources of ignition.
- Comply with the information on the safety data sheet.
- Consult the information at the bottom of this document.

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for roof tiles and bituminous membranes

**Other versions:**-Bitoglue Universal is available, a version of the product with a lower viscosity to facilitate application in specific uses.

**Packaging:** 280, 310 ml plastic cartridges.  
1, 5, 10, and 25 kg metal pails.  
250 kg metal drums.

**Technical data:**

MAIN CHARACTERISTICS		
Appearance		Thick paste
Colour		Black
Shelf life in closed original packaging		24 months
Solid content ( <i>m/m at 130 °C</i> )	EN ISO 3251	(85-95)%
Brookfield viscosity ( <i>at 25 °C, spindle 7; 2 rpm</i> )	EN ISO 3219	(15,000±3,000) P
Density ( <i>at 20 °C</i> )	EN ISO 2811-1	(1.36-1.44) kg/L
Slump test at 5 minutes, 20 °C		10 mm
Shore hardness A		10-15
Operating temperature		(-30 - +80) °C
Closed-cup flash point	ASTM D3828-87	> +30 °C

The advice and technical information provided represent HA ITALIA S.p.A.'s best knowledge of product properties and use. Considering the different situations of use of the products and factors beyond our control (media, working conditions, failure to comply with instructions), we cannot be held responsible for the results obtained. Before using the product, anyone who intends to make use of it is required to determine whether it is suitable for the intended use and assumes full liability for whatever may arise from its use.

**HA Italia disclaims any and all liability arising from failure to observe the warnings mentioned in this data sheet and failure to comply with the requirements set out in the safety data sheet.**

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