

**BITOGLUE 358****Bituminous adhesive for insulation panels**

- Description:** Solvent-based adhesive paste, formulated with bitumen, selected synthetic resins and special additives.
- Advantages:**
- It is applied cold.
  - Ready for use.
  - Easy to apply.
  - Use of extruders is not required.
  - Fast drying.
  - Resistant to water and most saline and alkaline solutions.
- Applications:** Suitable for cold bonding of insulation panels (except for EPS and XPS panels), polyurethane, perlite and cellulose and mineral fibres on concrete, cement, metal, wood and polymer-bitumen membranes.
- 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 dry. Dusty surfaces must be treated beforehand with a coat of bituminous primer.
- Apply at temperatures between 0 °C and +35 °C; avoid extremely hot or cold conditions during application and drying of the film.
- Application:**
- The product is ready for use.
  - Bitoglue 358 can be applied over the entire surface, in spots or strips with a spatula.
  - In case of high temperatures, we recommended first spreading the product in the hot insole to facilitate the evaporation of any aggressive solvents; then wait at least 10 minutes after application on the surface before coupling with the insulation panels.
  - Use common synthetic thinners to clean tools.
- Consumption:**
- When laying in strips, these should be approximately 4 cm wide and a minimum of 4 per m<sup>2</sup> for a consumption of 650-850 g/m<sup>2</sup> depending on the type of surface.
  - When laying in points, around 50-80 g of Bitoglue 358 will be needed for each spot, distributing 10 per m<sup>2</sup>.
  - Near the perimeter of emerging structures and of reliefs in general, the number of strips or spots will be doubled for an area approximately 1 m wide; furthermore, even in the case of spreading over the entire surface, the bonding is supplemented with mechanical fasteners.
- Warnings:**
- It is important that application for roofing is performed up to a maximum slope of 5%. For higher slopes, bonding must be integrated with mechanical fasteners.
  - Do not use indoors or in non-ventilated premises.
  - Do not mix with cement or water.
  - We recommend strictly using the indicated quantities, as excessive use may attack the surface of the insulation and compromise panel adhesion.
  - It is not recommended to use the product for gluing insulation panels on insulation panels.
  - 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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**Packaging:** 1, 5, 10, 20 and 25 kg metal pails.**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 15 °C, spindle 7; 5 rpm</i> )	EN ISO 3219	(2,400-3,600)P
Density ( <i>at 20 °C</i> )	EN ISO 2811-1	(1.26-1.34) kg/L
Drying time		30 - 60 minutes*

\* Measurements have been recorded at a temperature of 23 °C and with 50% moisture. Declared data may vary depending on the thickness of the applied product and on the specific conditions of the construction site: temperature, humidity, ventilation, and absorbency of surfaces.

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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