

BITOGLUE BASE

Adhesive for bituminous membranes

Description: Fibre-reinforced solvent-based adhesive, formulated with bitumen, selected elastomeric resins and special additives.

Advantages:

- Perfect, total adhesion.
- It is applied cold.
- Ready for use.
- No dripping.
- Resistant to weathering and UV rays.
- Reduces the negative effects of any cracks in polymer bitumen membranes.
- Remains elastic and reduces thermal shock. It also favours small settling movements of the building or of the waterproof membrane.
- Does not alter the properties of the membrane unlike hot application.
- Allows you to make adjustments during application.
- Can be applied on a damp surface.
- Levels any irregularities on the surface.
- Its application forms an additional waterproof layer.
- Greater safety thanks to the use of cold adhesive; no hot-melt bitumen or burner is used.

Applications:

- Recommended for cold gluing of polymer-bitumen membranes on old polymer-bitumen surfaces as well as new waterproofing of surfaces made of concrete, wood, metal, or glass wool, rock wool and polyurethane insulation panels without any need for traditional hot-melt gluing.
- Concrete and wall repairs.
- Used to join surfaces in galvanised sheet metal or aluminium or other metal supports.
- It is recommended where use of open flames is generally prohibited and in cases where the application of polymer-bitumen membranes on flammable surfaces (e.g., wooden roofs) prevents or discourages the use of flames.

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.
- Best applied at temperatures between +5 °C and +35 °C; avoid extremely hot or cold conditions during application and drying of the film.

Application:

- Bitoglue Base is ready for use and can be smoothed by rakel.
- In case of ambient temperatures below +10°C, we recommend heating the product by water bath, or using the more specific Bitoglue Base INV.
- Depending on environment temperature, we recommend waiting 10-20 minutes before gluing the bitumen membrane (waiting time decreases at high temperatures and on highly absorbent supports).
- Use common synthetic thinners to clean tools.

Consumption: - Consumption of the Bitoglue Base adhesive is approximately 1-1.2 kg/m², depending on the type and roughness of the surface.

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- Warnings:**
- For applications on roofs with slopes greater than 5%, we recommend supplementing the bonding with mechanical fasteners.
 - 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.

- Packaging:**
- 1, 5, 10, 20, and 25 kg metal pails.
 - 250 kg metal drums.

Other versions: Bitoglue Base INV is also available; it is a version of the product with lower viscosity, which favours use in colder climates.

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	(78-86)%
Brookfield viscosity (<i>at 25 °C, spindle 5; 5 rpm</i>)	EN ISO 3219	(40,000±8,000)cP
Density (<i>at 20 °C</i>)	EN ISO 2811-1	(1.31-1.39) kg/L
Closed-cup flash point	ASTM D3828-87	> +40 °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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