

Description: Water-based adhesive paste, formulated with bitumen, selected synthetic resins and special additives.

Advantages:

- Weather resistant.
- Perfect adhesion to the surface.
- Quick drying.
- Cold laying.
- Use of extruders is not required.
- Odourless, non-flammable product.
- Non-toxic product, free from solvents.

Applications:

- Used for fixing insulation panels of various kinds such as glass wool, rock wool, polyurethane and polystyrene (EPS, XPS), vertically, horizontally and on the ceiling, on masonry surfaces of buildings in concrete, cement, brick, wood and other materials provided with sufficient porosity to absorb a part of the water contained in Isocol W. It is also used for bonding insulation panels used to protect concrete foundations waterproofed with polymer-bitumen membranes before being buried with gravel or stabilised material.

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.

Application:

- The product is ready to use.
- For use as an adhesive for insulation panels, it can be applied over the entire surface, in spots or in strips, using a float or trowel. When applying in spots, it should be spread with a spatula in the four corners and in the centre of the insulation panel. Immediately after application, the insulation panel is pressed firmly onto the surface to be coated and insulated. To obtain maximum adhesion when laying on bituminous surfaces, wait until the product is dust-free, i.e., when most of the water has evaporated.
- After use, wash tools with water and, if the product has dried, it is advisable to remove it with hot water or with the common synthetic thinners.

Consumption:

- Consumption as an adhesive for panels varies according to the method of application: When applying in spots, consumption is approximately 500 g/m² (5 spots per m²), while when applying over the entire surface, consumption is approximately 1000 g/m².

Warnings:

- We recommend applying the product at ambient temperatures no lower than +5 °C and when there are no weather conditions such as fog, rain, or frost, and in any case avoid extreme situations of cold and heat, even during drying.
- On large horizontal surfaces, we recommend using breather vents when applying the product between the bituminous membrane and insulation panels to release water vapour.
- Do not exceed, for each layer applied, the recommended quantity in order not to block evaporation of the water contained in the bituminous liquid product, which would otherwise remain blocked under the dried film.
- Do not use on surfaces treated with water-repellent products.
- Do not use on surfaces subject to rising damp or strong water pressure.
- Do not mix with cement.
- In any case, we recommend carrying out a preliminary application test to check whether the product adheres perfectly to the surface.

- Protect from frost, do not expose the package to temperatures below +5 °C; once frozen, the product can no longer be recovered.
- For further information, request the safety data sheet.

Packaging: 1, 5, 10, and 20 kg metal or plastic pails.

Technical data:

MAIN CHARACTERISTICS		
Appearance		Thixotropic paste
Colour		Black (After drying)
Shelf life in closed original packaging		24 months
Solid content (<i>m/m at 130 °C</i>)	EN ISO 3251	(49-55)%
Brookfield viscosity (<i>at 20 °C, spindle 5; 6 rpm</i>)	EN ISO 3219	(38,000±7,500)cP
Density (<i>at 20 °C</i>)	EN ISO 2811-1	(1.07-1.13) kg/L
pH (<i>at 20 °C</i>)		8.0-9.0
Dust-free time		(30-60) minutes*
Complete drying time		(72-96) hours*

* 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 absorptivity 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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