

BASIC BIT

Bituminous emulsion

Description: Bitumen in water emulsion and special additives.

Advantages:

- Excellent adhesion and penetration on every dry concrete surface as well as on slightly damp surfaces.
- Odourless, non-flammable product.
- Non-toxic product, free from solvents.

Applications:

- Primer to block the dustiness and porosity of concrete, allowing quick application of polymer-bitumen membranes.
- It is applied on concrete surfaces of viaducts, bridges, foundation walls, and roofs of civil and industrial buildings before hot bonding of polymer-bitumen membranes.
- Indicated for waterproofing works in residential areas, where the use of solvent-based products is not recommended.
- It can also be used on metal fittings and trim as well as on wood.
- Valid anchoring when laying bituminous liquid sheaths or 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 solid, even, and dry and in the case of concrete surfaces must not have been previously treated with evaporation retardant products.

Application:

- Apply Basic Bit with a broom, spray, roller and brush.
- 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:

- The overall average consumption is 150-250 g/m² and can vary according to the nature and degree of porosity of the surface and the desired thickness.
- Generally, optimal drying takes place about 2-4 hours after application in the best conditions, and even after 6 hours in the presence of thick primers, cold temperatures and low-absorbent surfaces.
- The product can be diluted up to 50% according to the intended use.

Warnings:

- Apply 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.
- Check (according to UNI 10329) that the residual humidity content of the cement surface to be treated is $\leq 5\%$ by weight (for screeds with a density of 2000 kg/m³).
- Apply the polymer-bitumen membranes on primer-coated concrete only when the latter is perfectly dry.

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.

- Consult the information at the bottom of this document.
- It can also be used on metal fittings and trim as well as on wood.

Packaging:

1, 5, 10, 20 and 25 kg metal or plastic pails.
200 kg metal drums.
1,000 kg IBC.

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Technical data:

MAIN CHARACTERISTICS		
Appearance		Liquid
Colour		Black (after drying)
Shelf life in closed original packaging		12 months
Solid content (<i>m/m at 130 °C</i>)	EN ISO 3251	(52-60)%
Brookfield viscosity (<i>at 20 °C, spindle 5; 6 rpm</i>)	EN ISO 3219	(1700±400)cP
Density (<i>at 20 °C</i>)	EN ISO 2811-1	(0.95-1.05) kg/L
pH (<i>at 20 °C</i>)		9-11

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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