

SIGILL PLAST

Bituminous sealant for road surfaces

Description: Solvent-based elastoplastic filler sealant formulated with bitumen, selected synthetic resins and special additives.

Advantages:

- It is applied cold.
- Ready for use.
- No dripping.
- Easy to apply.
- High thixotropy: it is easy to apply both horizontally and vertically.
- Waterproofing: blocks the infiltration of water into road surfaces.
- Elastic sealing: reduces phenomena of localised settlement, lifting, deformation due to freezing and thawing and the pumping effect due to vehicular traffic.
- Resistant to acid and alkaline solutions.

Applications:

- Cracks, lesions and joints in asphalt and road concrete.
- Filling of spaces between porphyry blocks in urban pavements.
- Instant sealing of construction gaps on roofs and coverings such as chimney pots, skylights, downspouts, flashings, ventilation ducts, antennas and gutters.

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:

- It is ready for use and must be spread on the joints or channels with a spatula or, if packaged in cartridges, using special guns.
- If in cartridge, apply the mastic sealing the ends of the joint without trapping air between the mastic and the bottom of the joint.
- Use common synthetic thinners to clean tools.

Warnings:

- Not suitable for continuous or rapid compression, traction and shear stresses.
- 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:

- 310 ml cartridges (boxes of 24/25 pieces).
- 1, 5, 10, and 25 kg metal pails.
- 250 kg metal drums.

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Technical data:

MAIN CHARACTERISTICS		
Appearance		Thixotropic paste
Colour		Black
Shelf life in closed original packaging		24-36 months
Solid content (<i>m/m at 130 °C</i>)	EN ISO 3251	(79-87)%
Brookfield viscosity (<i>at 25 °C, spindle 7; 10 rpm</i>)	EN ISO 3219	(5,500±1,100)P
Density (<i>at 20 °C</i>)	EN ISO 2811-1	(1.36-1.44) kg/L
Closed-cup flash point	ASTM D3828-87	> +30 °C
Operating temperature		(-10 - 35) °C
Drying time		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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