

BITUMASTIC- Elastic bitumen mastic

Cat No. 228

Version: 02/22

Product Description

Bitumastic is a bituminous elastomeric sealant with a flexibility and elasticity in a wide range of temperatures.

Application is simple and easy, required no heating. It is applied cold, and is neither intoxicating nor flammable.

Application

Bitumastic is used mainly to waterproof basement walls, or underground concrete beams.

Technical Specifications

Appearance:	Brownish – black paste – like, shiny
Specific weight:	1.18 gr/ml
Viscosity:	≥ 20,000 CPS
Solid contents (%):	65
Cold flexibility	-13°C
Crack bridging (2 mm crack)	Pass
Heat resistance at 90°C:	Non-skid, non-fluid
Resistance to water spray:	No noticeable change in the film after subjection to water spraying for 72 hours.
Resistance to ponding water:	Bitumastic is resistant to ponding water maintaining bonding to infrastructure
Resistance to water pressure: (2mm thickness film)	0.5 atmosphere for 24 hours.
Resistance to impact:	Good
Resistance to bacterial attack	Good

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(ASTM D3083)

Resistance to Chlorides Good

(ASTM C1202)

Method of application:

Prior to application, clean the surface thoroughly to remove all dirt. Roll with cement repair mortar at all wall-floor seams.

1. Waterproofing of basement walls:

- a. In case the basement floor was sealed with bitumen membranes, apply low heat over the membranes to deposit the dirt and bring out melted bitumen.
- b. Spray a coat of **Bitumastic Primer** over the sheets over the basement floor, using 250-300 gm/m². Allow to dry 30-60 minutes. In case the basement walls are not clean enough from dust, apply **Bitumastic Primer** at the same quantity.
- c. Spray **Bitumastic**, using a total quantity of 3-4.5 kg/m², depends on depth of the basement and water table level. It is recommended to spray in 3 layers, allowing a short waiting interval between layers as initial drying.
Additionally, it is recommended to brush thoroughly the first layer of **Bitumastic** towards the substrate (also when applied by spraying), in order to prevent formation of bubbles. Allow to dry for 5 days after application.
- d. Spread a Geotextile Matt, 200 gr/m², on top of the waterproofing layer and then, spread smooth protection sheet made of HDPE as **Protect 5** prior to covering.

Consumption	1.5 kg/m ² in each layer.
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Drying Time	To touch 6-8 hours. Final drying – one week.
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Packaging	200 kg. 18 kg. 4.5 kg
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Notes:

- Do not store in cans at temperatures under 5°C.
- The surfaces will be dry for at least 3 days before applying the **Bitumastic** system.
- This product is ready for application and should not be diluted. If it is slightly thick, mix manually or mechanically to dilute it.
- The product can be applied by an airless, brush or roller.
- Clean tools with water, immediately after use, and then with turpentine.
- Do not apply the product on basement walls if rain is expected in the next 4 days.

The instructions that appear on the product are based on knowledge and experience amassed over the years. We reserve the right to change these instructions without prior notification. The operator is responsible for keeping informed of the latest updates. These instructions are solely recommendations and do not constitute liability for the product. Prior to use, the user must check the product's suitability, and the application and environmental conditions that meet his specifications. If in doubt, please contact us and we will be happy to instruct you.