

## A12- High Build Elastic bitumen mastic for spraying application

Cat No. 235

Version 11/21



### Product Description

**A12** is a high build bituminous elastomeric sealant which designated to be applied in a thick layer. **A12** offers superior waterproofing properties, flexibility and elasticity in wide range of temperatures (-10°C to 90°C). **A12** can be applied by spraying or brushing. It is applied cold, and is neither toxic nor flammable.

### Application

**A12** is used for waterproofing of basement walls.

### Technical Specifications

<b>Appearance:</b>	Black paste-like
<b>Specific weight:</b>	1.00 gm/ml
<b>Viscosity:</b>	≥ 20,000 CPS
<b>Fluidity at 90°C:</b>	Non-skid, non-fluid
<b>Flexibility at - 10°C:</b>	Does not crack
<b>Resistance to ponding water:</b>	<b>Dry A12</b> is resistant to ponding water maintaining bonding to infrastructure.
<b>Resistance to water pressure (4 mm thickness):</b>	0.5 bar for 24 hours
<b>Bridging capability over 2 mm crack:</b>	Pass
<b>Resistance to impact:</b>	Good

### Method of application:

Clean the surface thoroughly to remove all dirt. Fill rounded cement repair mortar at all wall-floor seams, if required. Narrow and deep holes should be sealed, using cement repair mortar. Clean wall surfaces from dust, fat and debris.

Application can be made by spraying, brushing or rolling.

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### Waterproofing of basement walls:

- a. If the basement floor was sealed with bitumen membranes, apply a strip of 30 cm of membrane in the corner between the basement walls and the membranes which were applied under basement floor, 15 cm on the walls and 15 cm on the floor.
- b. Apply low heat over the membranes to deposit the dirt and bring out melted bitumen.
- c. Apply a thin layer of A12, 0.5 kg/m<sup>2</sup>, on top of the membranes over the basement floor, using stiff fiber brush, few minutes prior to the application of A12 on basement walls.
- d. Apply **A12**, using a total quantity of 4.2 - 5.6 kg/m<sup>2</sup> (3 - 4 mm dry membrane), depends on depth of the basement and water table level.
- e. Allow to dry for 3-5 days after application, depend on layer thickness and weather conditions.
- f. Spread a Geotextile Matt, 200 gr/sm<sup>2</sup>, over the waterproofing layer and then, spread Smooth protection sheet made of HDPE as **Protect 5** prior to covering.

### Consumption

4.2 - 5.6 kg/m<sup>2</sup> (3 - 4 mm dry membrane) in general, according to the application.

### Drying Time

To touch 3-5 hours (in winter time: 5-7 hours)

Resistance of A12 layer to rain (on walls, in 23°C, 50% RH) - 10 hours

Drying period prior to backfilling (in 23°C, 50% RH): 3 days, depend on layer thickness and weather conditions.

### Packaging

18 kg

### Notes:

- Do not store in cans at temperatures under 10°C (50°F).
- Do not apply the product at temperatures under 10°C (50°F).
- This product is ready for application and should not be diluted. If appears slightly thick, mix manually or mechanically to reduce viscosity.
- Use an appropriate "Airless" sprayer to apply the product.
- Immediately after use, clean tools first with water, then with turpentine.
- The surface of basement walls will be dry for at least 3 days prior to the application of **A12**.

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.