

FLEXIGUM PASTE- Elastic bitumen mastic
Cat no. 336

Version: 02/18

Product Description

Flexigum Paste is a bituminous elastomeric sealant of superior waterproofing properties, flexibility and elasticity in a wide range of temperatures (-20°C to 100°C).

Application is simple and easy, required no heating. **Flexigum Paste** is also suitable for application on vertical surfaces. It is applied cold, and is neither intoxicating nor flammable.

Application

Flexigum Paste is used as a complementary waterproofing material for Flexigum, at corners, edges of elements, holes etc. **Flexigum Paste** is also used for waterproofing of basement walls, bathroom floors and small balcony floors.

Technical Specifications

Appearance:	Brownish – black paste – like, shiny
Specific weight:	1.20 gr/ml
Viscosity:	> 30,000 CPS
Solid contents (%):	65
Fluidity at 80°C:	Non-skid, non-fluid
Flexibility at -20°C:	Does not crack
Resistance to water spray:	No noticeable change in the film after subjection to water spraying for 72 hours.
Resistance to ponding water:	Flexigum Paste is resistant to ponding water maintaining bonding to infrastructure
Resistance to water pressure: (2mm thickness film)	1 atmosphere for 48 hours.
Elongation:	1200%
Recovery: (after 500% elongation)	85%
Resistance to impact:	Good

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Method of application:

Before application, clean the surface thoroughly to remove all dirt.

1. As a complementary waterproofing material for Flexigum, apply the **Flexigum Paste** at 3-4 layers of 1.5 kg/m² each one. Allow to dry for 6-8 hours between the layers.
2. **To waterproof bathrooms & shower floors prior to tiling:**
 - 2.1 Roll with cement mortar at all wall-floor seams.
 - 2.2 Apply **Primer 105**, using 300 gr/m², over horizontal surfaces and the rolled seams. Allow to dry 1-3 hours.
 - 2.3 Apply a coat of **Flexigum Paste** on the horizontal surfaces and rolled seams in quantity of 1.5 kg/m². Allow to dry for 6-8 hours.
 - 2.4 Apply a second coat of **Flexigum Paste** in quantity of 1.5 kg/m². Allow to dry 48 hours.
 - 2.5 Fill in sand, lay the tiles, or lay ceramic tiles directly onto the sealing layer through adhesion.
3. **To waterproofing basement walls:**
 - a. In case the basement floor was sealed with bitumen sheets, apply low heat over the sheet to deposit the dirt and bring out melted bitumen. When the concrete surfaces are dusty, wash with clean water and let them dry for 2-5 hours, depend on weather conditions.
 - b. Apply 3 coats of **Flexigum Paste** on the surfaces. Use 1.5 kg/m² per each coat. It is recommended to brush thoroughly the first layer of **Flexigum Paste** towards the substrate, in order to prevent formation of bubbles. Allow to dry for 6-8 hours between layers.
 - c. In case of deep basement (more than 4 m), apply 4 coats of **Flexigum Paste** as specified above.
 - d. Allow to dry for 5 days (with no rain).
 - e. Spread a Geotextile Matt, 200 gr/sqm, over the waterproofing layer and then, spread protection sheet made of plain HDPE, 0.5 mm, as PROTECT-5 prior to covering.

4) **To waterproof small patio floors prior to tiling:**

General:

The sealed infrastructure shall be a stable concrete infrastructure and not foamed concrete (light concrete).

- a. Apply a layer of **Primer 105**, 300 gm/m², over the horizontal surfaces and the rolled seams. Allow to dry for 1 hour.
- b. Apply 3 layers of **Flexigum Paste** on the horizontal surfaces and the rolled seams. Use 1.5 kg/m² per each coat. Sink **Polyfabric** (polyester fabric) in the fresh material between first and second layers. Less qualified alternative is using glass net.
Allow to dry for 6-8 hours between the layers.
- c. In case of patio floor bigger than 15 m², apply 4 layers of **Flexigum Paste** in each layer and sink **Polyfabric** (polyester fabric) in the fresh material between first and second layers.
- d. Allow to dry for 7 days (without rain) prior to tiling.
- e. Fill in sand and lay the tiles, or lay ceramic tiles by direct adhesion onto the sealing layer.

Consumption	1.5 kg. per 1 square meter in each layer.
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Drying Time	To touch 6-8 hours. Final drying – one week.
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Packaging	18 kg.
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- Notes:**
- Do not store in cans at temperatures lower than 5°C.
 - The surfaces will be dry before applying the **Flexigum Paste**.
 - This product is ready for application, do not dilute with water. In case it is slightly thick, mix manually or mechanically to dilute it.
 - Use a brush or a roller to apply the product.
 - Clean tools with water, immediately after use, and then with turpentine.
 - Do not apply the product on external surfaces if rain is in the next 2 days at vertical surfaces, or the next 4 days at horizontal surfaces.

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.