

BLM 117

Bitumen-SBS Rubber Based Elastomeric Liquid Membrane

Description

BLM 117 is a solvent based, bitumen-SBS rubber content, single component ready to use elastomeric liquid membrane that used against to water and moisture. After evaporation of solvents it contains, **BLM 117** adheres firmly on the substrate and forms an elastic waterproof layer.

Fields of Application

- In base of buildings against ground moisture and leaks.
- In retaining and curtain walls, galleries, drainage and piles.
- In terrace roof, balconies, water channels and gutters, bridges, viaducts on conditions that
- **BLM 117** is applied under the coating and protected.
- In external isolation of pools against water and moisture.

Features and Benefits

- It is easy to apply and ready to use.
- Creates a seamless isolation layer.
- Elastomeric.
- Applied as cold. Does not require heating and thinning.
- Quick dry.
- Applied on pressurized water resistance areas with a reinforcing materials such as geotextile, fibermesh.

Technical Data

Content	Bitumen modified
Color	Black
Density	0,98 g/cm ³
Solid Content	65%
Elongation at Break	1000%
Elastic Recovery	90%
Softening Temperature	+86°C
Application Temperature	+5°C to +35°C
Drying Time	
<i>Touch dry</i>	<i>20 minutes</i>
<i>Full curing</i>	<i>2-4 hours</i>

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<i>Mechanical strength</i>	<i>48 hours</i>
HS Code	2715.00.00.00.00

Application Procedure

Preparation of Substrate

Application surface must be dry, clean and clean off materials which prevent bonding, such as dust, oil, rust and loose pieces. Sharp tips and horizontal/vertical joints which are suitable cracking should be chamfered with **PH 55**. Big pores and cracks should be filled with **REPAMERK 1** or **REPAMERK 301** repair mortar.

Application Method

BLM 117 is applied only onto the side exposed to water (positive insulation). It is ready to use, it does not need heating or thinning. It can be applied by brush, roller, rake or airless spray with at least two layers. Primers should be applied on the surface to provide excellent adhesion, avoid dust and improve durability. **B PR 101** is recommended for non-metal surfaces, **B PR 102** is used for metallic surfaces as primer. Although **BLM 117** is a fast drying type of solution (2 hours approximately), it is recommended to wait 24 hours before applying a second coat. Reinforcing materials such as polyester felt, geotextile, fibermesh and reinforcing fabric can be used to provide better durability against higher pressure. **ALUCOAT** should be applied as topcoat to obtain solar protection and aesthetic look on the roof which are continuously exposed to outdoor conditions and close the traffic.

Consumption

0,600 kg/m² for each layer. Recommended at least 2 coats application.

Packaging

17 kg metal pail
200 kg barrel

Shelf Life

12 months in original, unopened package.

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Storage

Store in dry area between +5°C and +35°C. Protect from heat, freezing and direct sunlight.

Cleanup Information

Clean tools and equipment with industrial type solvents immediately after use. Dried material can only be removed mechanically.

Cautions / Limitations

- Flammable material.
- It may be harmful with skin contact.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.
- Do not use when air and surface temperatures are below +5°C and above +35°C.

Health and Safety

Warning! Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

Limited Warranty: This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.