

AquaRoll B1 Flex

ONE-COMPONENT BITUMINOUS FLEXIBLE COATING

SMART ADVANTAGES

- Ready to use
- Super elastic
- Bitumen rubber based

PRODUCT DESCRIPTION

Bostik AquaRoll B1 Flex Bituminous Coating is a solvent-free, ready-to-use, extra flexible, rubber-bituminous waterproofing material that is applicable with a brush, roller or spatula. It is produced in accordance with European Union Standards and used for the protection of construction elements under the ground or on the ground level in addition to the insulation of some areas such as terraces, foundations, basements etc. AquaRoll B1 Flex is suitable for use on the positive side only. With official test certificate, DIN 18195.

AREAS OF APPLICATIONS

- Interior and exterior,
- In the foundations, basements and underground garages,
- In the waterproofing of below ground concrete structures.

FEATURES

- Flexible after curing.
- Resistant to crack formations on the application surface; seamless
- Applicable easily with a brush and roller.
- Resistant to the usual loads on the ground.
- Suitable for use in all kinds of mineral-based surfaces, stone and stone-derivative bricks, pumice brick, briquette, aerated concrete, concrete block, limestone, etc. built plastered surfaces, cement-based plastered surfaces, grout and concrete surfaces.

PREPARATION OF THE SUBSTRATE

- The surfaces to be coated should be free of adhesive preventive foreign substances such as dust, dirt, mould oil, paint etc.; residues and wastes like cement, plaster and concrete should also be removed.
- The sub-surfaces that are not strong enough to carry themselves e.g. cracked plasters, weak surfaces, or residues of moss should be cleaned from the application surface.
- The application surface must definitely be crack-free, stable and strong. The gaps should be filled with Bostik 410 HP.
- Residues of bitumen-based waterproofing materials should be removed from the surface prior to application. The joints with 2-5mm gaps should be filled with fine plaster prior to application.
- Air bubbles formation, which may occur due to gaps and pores, should be prevented during the process. For the surface deformations deeper or wider than 5 mm, Bostik 410 HP should be used in order to fill the joints.
- Corners should be rounded.
- The surfaces should be dry prior to application.
- No water or wetness should remain between application surface and Bostik AquaRoll B1 Flex Bituminous Coating during application. Optionally a cement-based waterproofing mortar can be used as sandwich layer.

APPLICATION

- The material should be made ready for use by stirring with



TECHNICAL DATA

Colour	Black
Applicable thickness (mm)	Max 5
Unit volume weight (kg/lt)	1,20 ± 0,01
pH	11,5 - 12,5
Viscosity (cP)	7000
Solid matter (%)	70,00 ± 1,00
First drying time (h)	6
Fully dry after (h)	24 - 48
Application temperature	Between +5°C and +35°C
Resistance of hardened coat	Between -25°C and +80°C

Technical data are approximately provided according to a temperature of + 23°C and a relative humidity of 50%.

a low-speed mixer.

- It is applied at least in 2 coats using a brush.
- Expansion joints and seams should be covered respectively with Bostik Flexband and Bostik AquaRoll B1 Flex Bituminous Coating.
- The vertical wall insulation should extend to the base floor over base lateral walls and must be applied on an approximately 300 mm of area as a measure of any humidity rising from the floor with capillary effect.
- In the brick walls, in order to prevent water from leaking into the back of the insulation layer during the construction process, Bostik AquaRoll B1 Flex Bituminous Coating application should also include the base of the brick wall.
- The sides and the lateral parts of channels should be enriched using Bostik FlexMesh. To ensure minimum application thickness in the horizontal surfaces, textile should also be used for enrichment.

AFTER APPLICATION

- In the first days, newly applied surfaces should be protected from direct sunlight, severe air stream, high temperatures (over +35°C), adverse air conditions such as rain and frost.
- All kinds of plaster applications on applied surfaces and other applications like tiling should be done at least 3 days later.

- To obtain the recommended long term technical performance of the product, after the completion of the all application, the application and/or work should be covered and protected with a suitable coating or covering (plaster, screed, ceramic, tile etc...) as early as possible (depending on the product's drying time within 3-7 days).

COVERAGE

Approx. 1,5 kg / m² for each 1 mm thickness.
The coverage amounts are theoretical and it is recommended to do coverage-controlled sample application before treatment.

PACKAGING

Bituminous component in 30 kg bucket.

STORAGE

- They should be protected for water, frost and adverse weather conditions.
- They should be kept dry and cool on wooden pallets at between +10°C and +25°C in moisture free conditions.
- The torn and opened products should be closed immediately and consumed first.
- Maximum 3 buckets should be stocked on each other.
- Shelf life is maximum 12 months conditional to complying with the abovementioned storage conditions.

HEALTH AND SAFETY INFORMATION

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Safety Data Sheet.



BOSTIK HOTLINE

Smart help
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