

AquaRoll B1

One-Component Bituminous Fine Coating

Product Description :

Bostik AquaRoll B1 Bituminous Fine Coating is a solvent-free, ready-to-use, polystyrene bituminous waterproofing material that is applicable with a spatula. It is produced in accordance with European Union Standards and used for the protection against water leakage, floor humidity (capillary water absorption effect) of construction elements under the ground or in the floor level. AquaRoll is suitable for use on the positive side only.

Areas of applications :

- Interior and exterior,
- In vertical applications,
- In the foundations, basements and underground garages,
- In balconies and terraces.

Features :

- Flexible after dried.
- Resistant to crack formations on the application surface; no seams are formed.
- Applicable with a spatula; easy to apply.
- Resistant to plant roots and solutions in the soil.
- 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.
- Polystyrene-enriched.

Technical data:

Colour	Black
Applicable thickness (mm)	Max 5
Unit volume weight (kg/lt)	0,65 ± 0,2
pH	10
Viscosity (dPa s)	300
First drying time (h)	5
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 + 20°C and a relative humidity of 50%.

Preparing 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 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 AquaRoll BC2 or 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 Bituminous Fine Coating during application. Optionally a cement-based waterproofing mortar can be used as sandwich layer.
- The surface to be prepared for application should be primed with AquaRoll Butimy.

Application :

- The material should be made ready for use by stirring with 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 BC2 Bituminous Thick 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 Bituminous Fine 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.

Coverage :

Approx. 1,0 lt / 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 lt plastic bucket.

Storage :

- They should be protected for water, frost and adverse weather conditions.
- They should be kept dry and cool on wooden pallets.
- 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.

Risk Signs :

R23/24/25 : Poisonous when inhaled, swallowed and contacted with skin.

Security signs:

S2: Keep out of reach of children.

S3: Keep cool.

S9: Keep the package dry.

S26: Rinse with water thoroughly when contacted with eyes and consult a doctor.

S28: Rinse with water thoroughly when contacted with skin and consult a doctor.

S29: Do not throw in the drain.

S36/37/39: Wear suitable protective clothing, protective gloves and glasses / mask during the operation.

BOSTIK is only responsible for the product quality and cannot be held responsible for its mis-use except for the recommendations regarding where and/or how the product shall be used. This technical bulletin hereby is valid until it is renewed. BOSTIK's right to amend the products in accordance with technical developments is reserved.



Akçaburgaz Mh. ALKOP Sit. 1575 Sk. C2 Blok No.5-14 Esenyurt 34555 İstanbul
Tel. (+90 212) 858 01 26 Fax. (+90 212) 858 01 34
info@bostik.com.tr - www.bostik.com.tr