

AquaRoll BC2 Performa

2-COMPONENT FIBER-REINFORCED BITUMINOUS THICK COATING

SMART ADVANTAGES

- Bitumen rubber based
- Excellent crack bridging
- Fiber reinforced

PRODUCT DESCRIPTION

Bostik AquaRoll BC2 Performa Bituminous Thick Coating is a two component solvent free, fiber reinforced bitumen rubber screeding compound for waterproofing material that is applicable with a brush or a trowel. 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 BC2 Performa is suitable for use on the positive side only.

AREAS OF APPLICATIONS

- Interior and exterior,
- In the foundations, basements and underground garages,
- Protection of exposed concrete surface under the ground

FEATURES

- Flexible after curing.
- Resistant to crack formations on the application surface; seamless.
- Applicable with a brush or a trowel; easy to apply.
- Resistant to 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 or applying Bostik AquaRoll BC2 Performa with a trowel 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 BC2 Performa Fiber-Reinforced Bituminous Thick Coating during the 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 6
Unit volume weight of the mixture (kg/l)	1,10 ± 0,05
pH	8,5 - 11,0
Viscosity (cP)	100000 ± 5000
Solid matter (%)	70,00 ± 2,00
First drying time (h)	~ 5
Fully dry after (h)	24 - 48
Application temperature	Between +5°C and +35°C
Resistance of hardened coating	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.

- Firstly, the bituminous component of AquaRoll BC2 Performa Fiber-Reinforced Bituminous Thick Coating is stirred shortly and then powder component added on and finally the mixture is stirred until it becomes smooth and homogeneous.
- It is applied at least in 2 coats using a brush or a trowel.
- Expansion joints and seams should be covered respectively with Bostik Flexband and Bostik AquaRoll BC2 Performa Fiber-Reinforced 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 BC2 Performa Fiber-Reinforced Bituminous Thick Coating application should also include the base of the brick wall.
- In the moving floors with cracking risk, Bostik FlexMesh can be placed between the applications as a backing coat in order to meet the tensile stress and form a more flexible water layer.
- 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. 1,2 kg / m² for each 1 mm thickness.

4,0 kg / m² against base humidity.

4,0 kg / m² against non-pressurized water.

6,0 kg / m² against pressurized water.

The coverage amounts are theoretical and it is recommended to do coverage-controlled sample application before treatment.

PACKAGING

- Bituminous component in 21 kg plastic bucket.
- Powder component in 7 kg craft bag.
- 28 kg in sets.

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
444 10 99



Bostik Kimya Sanayi ve Ticaret A.Ş.

Mecidiyeköy Mh. Oğuz Sk. RönesansBiz Plaza N: 4A/7

Zemin Kat 34381 Şişli, İstanbul

E-mail: info@bostik.com.tr

an Arkema company

www.bostik.com.tr

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