

BC ROOF - 420

Description:-

ROOF BC- 420 is one component, elastomeric coating system based on Polymeric compounds. It can be used as a waterproofing and flexible protective coat to protect roofs, balconies, terraces. For external and internal applications.

Typical Uses

- Waterproofing and flexible protective coat to protect roofs, plaster, poured-in place concrete and other masonry surfaces.
- Protective coating for polyurethane sprayed foam against ultra violet effect.
- It is also suitable for primed exterior wood and wood siding.

Feature & Benefits

- Excellent flexibility.
- Stable under ultra violet rays.
- Single pack and easy to apply.
- Excellent weather resistance.
- High elasticity and excellent adhesion over virtually all sound cement-based substrates.
- Environmentally friendly.
- Nontoxic and Nonflammable. Resistant against harsh environment.
- High resistance to chloride diffusion
- Economical

Technical Properties:

Appearance Color	White Other on request
Density	1.3 Kg/ LT
PH	8-9
Solid Content	Approx 55%
Chemical Resistance	Alkalis,Acids,Diesel
Elongation	300%
Tensile Strength	1.2N/mm ²
UV Resistance	No Effect after 2000 hours
Modulus of elasticity At 100%elongation (ASTM D412)	0.05N/mm ²
Adhesion Strength	1 N/mm ²
Complete Hardening at 25 Degree C	7 Days

Building Chemistry Industry

Suit No 203, Al Manar Business park Bin Khalid Street Dammam .Kingdom of Saudi Arabia.

Email: info@bcisaudi.com Website: www.bcisaudi.com



Surface Preparation:

All surfaces must be clean, dry, sound and free from contaminations such as loose and peeling paint, dirt, dust, grease, oil, wax. Dull any glossy surfaces, repair damaged areas with appropriate patching material and allow to dry.

Application:

BC Roof 420 is ready to use can be applied with spray, brush and roller. Before the following coat is applied make sure that the previous coat is completely dry (from 6-8hours) according to the weather situations. Apply ROOF BC- 420 in two crossed coats at total thickness 1mm, the first coat thickness must not be less than 0.5mm. A fiber glass mesh can be embedded between two coats in coving areas, internal corners, interfaces, tap and rose plumbing. The mesh is embedded immediately over the first wet coat. Apply the second coat to coat to saturate the mesh, before the first coat dries.

Curing:

The coating must be protected from extreme weather conditions, intermittent rain for minimum 24hours.

Coverage:

Approx. 2Liter/m²@1mm thickness depending upon surface conditions.

Packaging:

Available In Packaged As 20 Kg Pail.

Storage:

Store under dry shaded area in the original closed container

Shelf Life:

12 months from date of production if stored as recommended.

Precautions:

Do not apply the ROOF BC- 420 if the ambient temperature less than 5 OC. Protect the ROOF BC- 420 coating from rain

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

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