



BC Shield

Product Description:-

A dark brown primer used in the preparation of joint surfaces prior . The primer is suitable for steel and concrete.

Uses:

- Waterproofing roofs, parapets, flashings, wall and chimney clapping, roof joints.
- Seal joints and repair hairline cracks.
- Waterproof cement, plastic, concrete.
- Waterproofing and protection of wet areas, kitchens, washrooms prior to the laying of ceramic tiles.

Advantages:

- Resilient, flexible and weather resistant.
- Used with fiber mesh, it withstands cracking and movement of the underlying surface.
- High elasticity and excellent adhesion.
- Easy to apply and economical.

Application:

BC Shield is ready for use and can be applied by brush or roller. Before the following coat is applied make sure that the previous coat is completely dry (from 8-12 hours) according to the ambient temperature.

Apply BC Shield in two crossed coats at total thickness of 1.5- 2.0mm, the first coat thickness must not be less than 1mm. After 12 hours a second coat can be applied at 0.5-1.0mm thickness.

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.

Precautions:

Do not apply the BC Shield if the ambient temperature less than +5°C. Protect the BC Shield coating from rain.

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Echnical Properties

Applicable standards	ASTMD412, E96
Appearance/Color	Liquid Coating, Black
Density	1.27±3%
pH	8-9
Solid Content	>65 %
Elongation at Break (ASTMD412-98A)	500-600 %
Tensile Strength (ASTMD412-98A)	1.1N/mm ²
Tensile Recovery	90 %
Water Vapor Transition (ASTM E96-95)	0.45-0.5g/h.m ²
Tensile Adhesion	0.8N/mm ²
Chemical Resistance	Alkalies, solvents, Diesel, etc.
UV resistance	No effect after 2000hours
ApplicableTemp	+5°Cto35°C
Overcoating time	6-8 hours depending on application thickness

Packaging

BC Shield is packed in 20kg metal can. High temperatures accelerate the process while greater thicknesses require maximum time for curing.

Storage:

Store under dry shaded area in the original closed container.

Coverage:

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

Shelf Life:

12 months from date of production if stored as recommended.



Health & Safety:

While using all construction chemical products, should be careful and avoid direct contact to eyes, skin and hands. Wear gloves and goggles while handling this product. Ifs ever burn to eyes, skin or hands, consult a doctor immediately.

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