

# MixGUARD® BC

## Acrylic flexible water-proof coating

MixGUARD® BC is a two component acrylic modified water proof / damp proof system based on selected liquid polymer and powder which extends an elastomeric cold applied flexible membrane after proper mixing. MixGUARD® BC is widely used as a flexible water tight intermediate coating in high build systems

### Appropriation

- Intermediate layer in high build systems
- Water proof background mortar for tiles and marble, granite, exposed surface etc.

### Characteristics

Good adhesion to almost all surfaces like asphalt, Acrylic and cementitious

Hard wearing and seamless

Excellent water proof and flexible in nature

Breathable: Allows substrate to breath out moisture

### Technical data and Properties

Standard conforms	: BS 1881 Part 5 1983 (ISAT);476 Part 6
DIN 1048: Part 5	: 1991 / BSEN 12390-8:2000 (water permeability test)
Colour	: Grey
Maximum size of particles	: 0.3 mm
Tensile strength ASTM D 412-92	: > 1.70N/mm <sup>2</sup>
Flexural strength	: > 6N/mm <sup>2</sup>
Adhesion to surface	: > 1.2N/mm <sup>2</sup>
Elongation	: 20%
Specific gravity	: 1.8gm / cc

### Product management

Surface preparation: MixGUARD® BC generally recommend to apply as an intermediate coating in between the high build systems to ensure complete water tightness. The previous layer where to receive MixGUARD® BC coating shall be sound, ensure cured sufficiently and free from dust and other loose particles which shall be cleaned with air blower

Mixing: The material is supplied in two parts, and pre-measured. On-site mixing is needed. Slowly add the powder to the liquid and mix using a slow speed mixer (100-150rpm) fitted with a suitable paddle. Do not mix more materials than that can be used within 45 minutes.

The appearance of the material will be creamy consistency after mixing. Do not add water at any stage to get the material loose

Method of application: MixGUARD® BC can be applied by a brush or roller to form a water tight and flexible membrane. Apply the coat with sufficient thickness to cover the complete area

### Coverage

1.000kg/Sqm in single spread

### Packing & Storage

MixGUARD® BC is available in 20Kg Unit

Part A (Powder): 15kg (Selected cements, graded polymer, silica and fillers)

Part B (Liquid): 5Liters (Modified acrylic copolymers)

MixGUARD® BC should be stored in cool, dry and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations.



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In extreme tropical climate, the product must be stored in cooled Ambience. Excessive humidity and over exposed to sunlight will reduce the shelf life

## Health & Safety

MixGUARD® BC contains no hazardous substance. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each Fab product

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The Construction Chemist....

Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hands - on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. climatic disparity in temperature, humidity, etc... and porosity of substrate may impinge on the values.

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