BRUSHCRETE FX

POLYMER-MODIFIED, FLEXIBLE, CEMENTITIOUS WATERPROOFING COATING

DESCRIPTION

BRUSHCRETE FX is a cementitious, two-part, polymer-modified flexible waterproofing coating. It is applied to concrete and mortar to prevent water infiltration.

USES

Waterproofing, sealing of hairline cracks and as a protective coating against aggressive elements such as carbon dioxide.

Areas of application include water tanks, basements, car parks, terraces, balconies, bridges, retaining walls, swimming pools, RC Gutters, bathroom floors and walls, kitchens, waste water treatment plant and laundries.

ADVANTAGES

- Easy to apply and mix
- Great adhesion to porous or non-porous substrates
- Reduces carbon dioxide penetration
- Non-toxic properties, ideal for potable water uses
- Flexible

TECHNICAL AND PHYSICAL PROPERTIES

Specific Gravity (When Mixed)	**1.8 kg/L**
Pull-Off Strength (ASTM D 7234)	**136 psi**
Tensile Strength (ASTM D412)	**> 1.93 MPa**
Elongation at Break (ASTM D412)	**> 5.9%**
Chemical resistance	**Unaffected by many solvents, alkalis, dilute acids, oils and grease**

TYPE

WATER PROOFING

ADVANTAGES

WATER PRESSURE RESISTANT | CRACK BRIDGING | NON TOXIC | HIGH ADHESION | HIGH ELONGATION | HIGH TENSILE

COVERAGE (PER COAT)

1 kg/m²

COATINGS

2 coats (min)

COMPONENT

2 PART

BRUSHCRETE FX

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SUBSTRATE PREPARATION

Concrete, mortar and masonry surfaces must be clean, free from grease, oil and loosely adhering particles. Steel and iron surfaces must be clean, free from rust, grease and oil.

All surfaces must be as true and flat as possible.

Absorbent surfaces have to be thoroughly saturated with water prior to application of first coat of **BRUSHCRETE FX.**

No loose standing water should be on the surface before application.

STORAGE

If stored as received in a cool dry place between 15°C and 25°C, the shelf life is 6 months.

Keep away from direct sunlight.

APPLICATION METHOD

While the substrate is still damp but free of standing water, apply the first coat by brush, roller or squeegee, working the material well into the surface to achieve full bonding.

Allow 4 – 8 hours (20°C) for the first coat to cure before applying the next coat.

For large areas, **BRUSHCRETE FX** can be applied by spraying method using a suitable worm type mixer/pump.

Additional stripe coat is recommended over cracks, wall and floor intersections, etc. as these locations are mostly subjected to movement.

MIXING

Under normal circumstances, when full quantities of both parts are mixed, a creamy consistency will result.

Mix in a clean container by slowly adding the powder part to the liquid part and stir with a medium-speed mixer.

COVERAGE

BRUSHCRETE FX is applied at the rate of 1.0 kg/m^2 per coat. A minimum of 2 coats are required. For areas subject to high water ingress, apply a third coat at 1.0 kg/m^2.

PACKAGING

30 kg per Set (Part A Grey Powder: 20 kg; Part B White Liquid: 10 kg).

Legal Notes:
'Statements made in this bulletin are for the assistance of our customers. They are based on our experience and judgment but must not be regarded as amounting to a legal warranty or as involving any liability on our part. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of this product must test the product's suitability for the intended application and purpose. CHEMIND reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. Users may always refer to the most recent issue of our Product Data Sheet for the products concerned, copies of which will be supplied upon request.'

SCOPE OF REGISTRATION AND STANDARDS

Manufacture of Waterproofing materials. Compliance with ASTM technical standards and AS 3740 - 2004 Australia Standard. SIRIM certification is available for selected products upon request, subject to applicable testing and certification requirements.

Made In Malaysia

CHEMIND

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SIRIM

ASTM INTERNATIONAL Standards Worldwide

CHEMIND AUSTRALIAN TECHNOLOGY

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