



## CLASSIC ACRYBOND<sup>TM</sup> RFX

### High Performance Elastomeric Cementitious Waterproof Coating

#### Product:

**Classic Acrybond RFX** is a two component acrylic polymer modified cementitious coating which consists of Acrybond RFX liquid acrylic emulsion. It requires only the addition of clean water at site to produce an easily brushable coating. **Classic Acrybond RFX** can simply be applied by stiff brush, roller or trowel to obtain the desired thickness.

#### Advantages:

- Excellent barrier to carbon dioxide, Chloride and Sulphate ions.
- Allows water vapour to escape from the structure.
- Waterproof-suitable for water retaining structures.
- High resistance to the effect of long-term weathering, durable in all climate conditions including UV attack.
- Non toxic-ideal for potable water tanks.
- Flexible, with thermal expansion similar to concrete.
- Excellent bond to concrete and masonry.
- Good crack accomodation capacity.
- Minimum surface preparation needed and low labour costs.

#### Application:

For best results, surfaces should be damp. In order to obtain the protective properties of **Classic Acrybond RFX**, it is important that the correct rates of application are observed. Use a short stiff brush preferably 120-150mm width and apply the mixed material like paint.

The application of **Classic Acrybond RFX** should not be done if the temperature of the substrate is below 10°C. When applying **Classic Acrybond RFX** on hot substrates i.e., over 30°C Surface temperature, saturate the surface with water. Apply **Classic Acrybond RFX** in 2 coats to achieve 1mm thickness. The second coat of Classic Acrybond

RFX shall be applied as soon as the first coat has reached touch dry state. It is recommended that for general surfacing **Classic Acrybond RFX** should be applied at a minimum thickness of 1 mm. Areas subjected to moderate and heavy loads/hydrostatic pressure, minimum 2mm thickness coating is recommended with screed above. Water curing OR Curing membrane shall not be applied over **Classic Acrybond RFX** coating, only air curing is recommended.

#### Where to Use

The product can be used on concrete, brick and blockwork substrates and is equally suitable for new and existing structures.

The product is designed to reface and even out variations in concrete and masonry surfaces and bridge shrinkage cracks.

It provides a seamless, flexible waterproof coating suitable for water tanks, reservoirs, drainage culverts basements and roofs.

#### Instructions for Use:

All the surfaces must be free from Oil, grease, Wax, dirt or any other form of foreign matter which might affect adhesion.

#### Mixing:

**Classic Acrybond RFX** liquid concentrate should be poured into a plastic container or metal drum. Clean fresh water is added in the proportions shown below and mixing commenced with a propeller agitator attached to a slow speed drill (500 rpm). The powder component should be added gradually to the liquid to avoid lump formation and mixed for 2-4 minutes. **Classic Acrybond RFX** should be immediately used after mixing. Do not mix more material than can be used within the pot life. Keep stirring **Classic Acrybond RFX** during the application.

#### Mixing ratio

Acrybond RFX Components	Brush Application	Indl Pack	small
Acrybond RFX Powder	15kg	5 kg	
Acrybond RFX Liquid	5.088 kg	1.71kg	
Water	3 L	1 L	

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## Coverage:

This depends on the required consistency. The approximate coverage per pack at even consistency (1mm thickness) is as follows.

Consistency	Brush Application
Coverage (15kg + 5.088 kg pack)	12-14m <sup>2</sup>
Coverage (5 kg + 1.71kg pack)	4-4.5m <sup>2</sup>

## Shelf Life

12 months is unopened packs if kept in a dry store.



## Precautions:

### Health and Safety instruction:

Classic Acrybond RFX is non toxic but alkaline in nature. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Use a dust mask while handling the powder.

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