



CLASSIC ACRYFIX™ L

Waterproof Acrylic modifier and Bonding Agent

Product:

A stabilized, modified acrylic co-polymer giving high mechanical strength and chemical resistance to cementitious mixes.

Description:

Classic Acryfix L has been specially developed as an admixture for cement-based building materials. It is designed to improve the physical, mechanical and chemical resistance properties both in the fresh and hardened state. **Classic Acryfix L** has a strong plasticizing effect on cementitious mixes, thereby allowing a reduction in water: cement ratio which results in reduced permeability of the hardened materials.

Classic Acryfix L gives good early strength development, and improved flexural, compressive and adhesive strengths. Use of primer coat of cement slurry containing **Classic Acryfix L** is an excellent method of achieving superior adhesive bond strengths.

Composition:

A white emulsion of a modified acrylic co-polymer. Surfactant stabilized and containing a defoamer.

Advantages:

- Develops excellent bond with most building materials.
- Can be Used with M-Sand.
- Outstanding water resistance.
- Reduces or Prevents salt penetration into concrete.
- Good chemical resistance.
- Highly durable in continuous wetting conditions
- Increases flexibility.
- Non-Toxic.

Dosage:

Classic Acryfix L polymer is mixed with neat cement in the ratio of 100 Kg cement: 50 Kg of

Classic Acryfix L. In repair mortar 400 gm to 1 Kg of this should be admixed with 50 Kg of cement.

Uses:

Waterproofing of basements, toilets, terraces, roofs, swimming pools, water towers, etc., General repairs, Protection of concrete against corrosion, salt attack, etc., Can also be used with M-Sand.

Packing:

Available in 1,5,10,50, 100 Kg containers.

Typical Properties:

Compositions-----Modified Acrylic Co-Polymer
Sp.Gravity-----1.015+/-0.005
pH-----7 +/-0.5

Instructions for Use:

Surface Preparation:

Prior to application of **Classic Acryfix L**, all surfaces must be prepared properly to avoid failure. The surfaces shall be cleaned to remove all dust, foreign loose materials or any deposits of contaminants which could affect the bonds between the surface and the **Classic Acryfix L** coating. This can be done by scarifying, grinding, water blasting, sand blasting and acid washing or by any other approved method.

All concrete surfaces shall be thoroughly pre-wetted for at least one hour prior to the application of **Classic Acryfix L** coating by ponding of water on flat surfaces and by vigorously spraying water on vertical/inclined surfaces. When placing **Classic Acryfix L** coating, all water shall be removed so that surface is only damp or surface dry. In no case should there be standing water or a shiny wet surface.

Application:

10 Kg of cement is mixing with 50 Kg of **Classic Acryfix L** and the mix has to be stirred thoroughly until no air bubbles remain in the mix and any lump found in the mix should be removed. If necessary, little water can be used to obtain the required consistency.

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The mix has to be applied by brush on rendered or prepared surface. Two or more coats are recommended. First coat should be allowed to air dry for 5-6 hours. The surfaces should be made wet before application in case of porous structures. For concrete repairs, **Classic Acryfix L** should be used as gauging liquor for mortars / screeds, maintaining the dosage 1 kg of **Classic Acryfix L** per 50 Kg cement.



Storage Life:

At least one year in manufacturer's undamaged, sealed containers, when stored in dry, frost-free conditions.

Handling Precautions:

Classic Acryfix L is non-toxic but is mildly alkaline. Splashes to the skin should be removed with clean water.

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