



CLASSIC CRETETM SBR

Waterproof Polymer Bonding aid and mortar additive

Product:

Classic Crete SBR is a milky, white liquid produced from styrene butadiene consists of microscopic particle of synthetic rubber.

Composition

Classic Crete SBR is styrene butadiene co-polymer latex specially designed for use with cement mix.

Advantages:

- Develops excellent bond with most building materials.
- Outstanding water resistance.
- Reduces or prevents salt penetration into concrete.
- Good Chemical resistance.
- Highly durable in continuous wetting conditions.
- Increases Flexibility.

Dosage:

Typically 10 to 20 % w/c on the OPC weight, i.e., 5-10 kg per 50 kg of OPC.

Plastering purpose dosage recommend 250 ml to 300 ml per 50 kg of cement (1:3 (or) 1:4 cm). Dosage will be vary at site condition as trial basis.

Uses:

Concrete Repair, Floor Screeds and Toppings, External Rendering, General concrete repairs, Protection of concrete against corrosion, salt attack, etc., Waterproofing of basements, toilets, Terraces, roofs, swimming pools, water tanks, etc., Fixing brick slip and ties, Corrosion Protection of steel.

Package:

Available on 1,5,10, 20, 50, 100 kg containers.

Description:

Classic Crete SBR has been specially developed as an admixture for cement-based building material. It is designed to improve the physical, mechanical and chemical resistance properties both in the fresh and hardened states. **Classic Crete SBR** 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 Crete SBR** gives good early strength development, improved flexural, compressive and adhesive strengths. Use of primer coat of cement slurry containing **Classic Crete SBR** is an excellent method of achieving superior adhesive bond strengths.

Typical Properties.

Specific Gravity	: 1.02 to 1.05 @ 27°C
pH	: 7 to 10
Volatility	: 50%
Permeability	: Less than 4gm/ m ² /24 Hr through a 11 mm thick test piece.
Shrinkage During Cure	: 0.01% to 0.02%
Resistance to water	: Excellent
Solid content	: 48% (+/-2%)
Under Pressure	: 30mm(nowater penetration)
Head	: Through a 15 mm thick test piece.

Instructions for Use:

Surface Preparation:

Prior to application of **Classic Crete SBR**, 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 Crete SBR** 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 Crete SBR** coating by ponding of water on flat surfaces and by vigorously spraying water on vertical/ inclined surfaces. When placing **Classic Crete SBR** 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.

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Application :

3 kg to 5 kg cement is mixed with 1 kg of Classic Crete SBR 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. The mix has to be applied by brush on rendered or prepared surfaces. Two or more coats are recommended. First coat should be allowed to air dry. The surface should be made wet before application is case of porous structures.

Note: Classic Crete SBR can be directly applied over the surfaces and coverage depends upon the surface conditions, Approximately 1 kg covers 2 Sq.mt for 2 coats.

Storage Life:

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

Handling Precautions:

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



Variety of Products:

Following are the other similar products from Primadonn Buildtech Pvt Ltd.,

- Classic Acrybond – A
- Classic Acrybond
- Classic Acryfix DP
- Classic Acryfix L
- Classic Acryflex WMC
- Classic Brickseal
- Classic Crystalsys
- Classic Latex SBR-200
- Classic Rapid Setplug
- Classic Silcoat
- Classic Silcoat S
- Classic Tankscreed
- Classic Uniseal BU

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