

GreBond® AC

Acrylic Emulsion For Flexible Cement Waterproofing Coating

Description

GreBond AC is a one component, milky white emulsion based on modified acrylic resin.

Uses

GreBond AC is formulated to mix with cement to provides flexible waterproofing coating and as bonding agent for concrete, cement/sand mortar and masonry works. It is resistant to hydrolysis and is suitable for both outdoor and indoor applications.

GreBond AC improve the mechanical, adhesive characteristic and waterproofness of cement mixtures.

Advantages

- Can be applied to damp surface.
- Easy to use, simple mixing instruction.
- Cost effective, economical to use
- Water resistant, suitable for both outdoor and indoor applications. Does not re-emulsify when in contact with water.
- Excellent bond strength between mortar and concrete.

Typical Properties

Form	: Liquid emulsion
Appearance	: Milky white
Specific gravity	: 1.02 kg/ L
pH value	: 9
Slant Shear Bond Strength (ASTM C1059:1991)	: > 2.5N/mm ²

Surface preparation

Substrate must be structurally sound and clean. Cement laitance, mould release agent, curing compound, oil, grease or any loose particle which may impair bond must be removed using effective means.

Application

1. As a bonding agent

Prepare the bonding slurry by pouring **GreBond AC** into appropriate container and mixing with water and cement in the ratio of 1:1:2 by volume to a homogenous consistency.

The homogenously mixed slurry is simply applied by brush ensuring the surface is wetted out. Do not over apply **GreBond AC** as slippage of mortar may occur in high build application. Apply the overlay onto the wet slurry. If slurry has dried out, apply a fresh coat. Do not use pure **GreBond AC** as a primer or slurry, always mix it with cement.

2. As a waterproof coating

Typical mix for waterproof coating shall be 1 part **GreBond AC** 1.5 to 2 parts cement by volume. Typical coverage is approximately 3m²/lt of **GreBond AC** for 1mm thick waterproof coating mix.

Apply one coat **GreBond AC** without dilution as primer by roller, brush or broom prior to the application of **GreBond AC** cement waterproof coating.

Mechanical mixing using a low speed drill (600 rpm) fitted with a wing profile mixing paddle is recommended. Apply minimum two (2) coats of **GreBond AC** cement waterproof coating at 0.5 - 1.0mm per coat by brush roller or broom. The 1st coat to apply in one direction only. The 2nd coat may be applied as soon as the first coat has dried. Apply at right angles to the 1st coat to ensure no pin holing occurs.

Packaging

GreBond AC is available in 5kg, 20kg carboy and 200kg drum.

Cleaning

Wash brushes, tools and equipment with clean water immediately after use.

Shelf Life

GreBond AC has a shelf life of 12 month when stored in original packing in a cool and dry environment.

Health & Safety

GreBond AC is non-toxic but it should never be ingested. If it comes into contact with eyes, wash immediately with plenty of water and seek medical treatment. It is slightly alkaline and any skin contact should be avoided.

GreBond AC is non-flammable.



Note:

Use the leaflet as a guide for the use of this product concerned. The information given is in accordance with the latest technical developments. However, we cannot accept responsibility for any work carried out with our materials as we have no control over the method of application used or the condition of the site involved.

Last updated by KH/Mar2017