

GreBond[®] 260

Bonding agent for concrete and mortar

Description

GreBond 260 is a white, milky emulsion sealing and bonding agent for building and renovating industries.

Uses

GreBond 260 is formulated as a bonding agent use for cementitious topping, repair, rendering and plastering, tile fixing and grouting, sealing, binding and cement modifier. It is suitable for both outdoor and indoor applications.

GreBond 260 improve the mechanical, adhesive characteristics and waterproofness of cement mixtures.

Advantages

- Non toxic, suitable for use in potable water retaining structures.
- 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	: 1.01 kg/L
pH value	: 9
Slant Shear Bond Strength (ASTM C1059:1991)	: > 2.5 N/mm ²

Application

1. As a bonding agent

Prepare the bonding slurry by pouring **GreBond 260** into appropriate container and mixing with water and cement in the ratio of 1:1:2 by volume to a homogenous consistency.

The homogeneously mixed slurry is simply applied by brush ensuring the surface is wetted out. Do not over apply **GreBond 260** 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.

2. As primer and sealer prior to painting

Mix **GreBond 260** with water in the ration of 1:3 and apply to new/old plastering walls to improve adhesion of decorative paints.

3. As a cement modifier

Typical mix design for patching / repair mortars, bedding mortar for laying ceramic tiles and masonry works shall be as follows:

OPC	: 5 Kg
Sand	: 15 Kg
GreBond 260	: 1 Kg
Water	: Add to required workability

Surface Preparation

Substrate must be structurally sound and clean. Cement laitence, curing compound, oil, grease or any loose particle which may impair bond must be removed using effective means. Saturate substrate to receive **GreBond 260** slurry and modified mortars with clean water prior to application.

Packaging

GreBond ES100 is available in 5kg, 20kg carboy and 200kg drum.

Coverage

Typical coverage of undiluted **GreBond 260** is 4m²/kg.

Cleaning

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

Shelf Life

GreBond 260 has a shelf life of 12 months when stored in original packing in a cool and dry environment.

