

REAL BOND BONDING AGENT

REAL BOND is a white, milky emulsion based on modified styrene butadiene polymer.

General Description

REAL BOND is formulated as a bonding agent for concrete, cement/sand, mortar and masonry works. It is resistant to hydrolysis and is suitable for both outdoor and indoor applications.

REAL BOND improves the mechanical adhesive characteristics and waterproofness of cement mixtures.

| | | |
|------------------|---|------------------------|
| Form | - | Liquid emulsion |
| Appearance | - | Milky white |
| Specific gravity | - | 1.01 kg/l |
| pH value | - | 9 |
| Bond strength | - | >1.5 N/mm ² |

Recommended For

- Cement slurry bonding between old and new concrete substrate
- General repair works to concrete chipped edges, honeycombed, spalled concrete and precast elements
- As protective coating slurry, uniformity surface coating and rendering
- As tile adhesive and bedding compounds

Advantages / Benefits

- High flexibility
- Reduces bleeding
- High abrasion resistance
- Greatly increases durability
- Improves corrosion protection
- Cost effective, economical to use
- Can be used as curing membranes
- Easy to use, simple mixing instruction
- Does not re-emulsify when in contact with water
- Excellent bond strength between mortar and concrete
- Water resistant, suitable for both outdoor and out applications
- Non-toxic, suitable for use in portable water retaining structures

Recommended Dosage

REAL BOND is recommended for typical mix design for patching/repair mortars, bedding mortar for laying ceramic tiles and masonry works shall be as follows: -

OPC - 5kg

Sand - 15 kg

REAL BOND - 1 kg

Water - Add to required workability

As a bonding agent, prepare the bonding slurry pouring **REAL BOND** into appropriate container and mix it with water and cement in the ratio 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 **REAL BOND** 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 **REAL BOND** as a primer or slurry, always mix it with cement. Mechanical mixing using a low speed drill (600 rpm) fitted with a wing profile mixing paddle is recommended. Hand mixing should be avoided.

Substrate must be structurally sound and clean from cement laitance. Mould release agent, curing compound, oil, grease or any loose particle which may impair bond must be removed using effective means. Saturate substrate to receive **REAL BOND** slurry and modified mortars with clean water prior to application.

Packaging

REAL BOND is supplied in 5 litres, 20 litres pail and sealed 205 litres drum.

Storage / Shelf Life

REAL BOND can be stored for 1 year in tightly sealed original drum or pail.

Health and Safety Precaution

Inhalation

In case of discomfort, move to a ventilated area.

Skin Contact

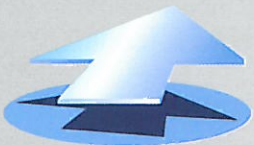
Flush skin thoroughly with water.

Eye Contact

Flush eyes with water and carefully rinse under eyelids. If irritation persists, consult a physician.

Ingestion

Immediately rinse mouth with water. Do not induce vomiting. If conditions worsen, consult a physician immediately.



REAL POINT

STATEMENT OF RESPONSIBILITY

The technical information and application advice given above are based on the present state of our best scientific and practical knowledge. As the information above is of a general nature, no assumption can be made as to the suitability of the product for a particular application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of the product for their intended use.

Field service where provided, does not constitute supervisory responsibility. The owner, engineer or contractor may reject or modify any suggestions made by REAL POINT SDN BHD either orally or in writing since ultimately it is their responsibility and not REAL POINT SDN BHD for carrying out procedures appropriate to a specific application.

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