



R-BOND 302

DESCRIPTION

R-BOND 302 is water based bonding agent. R-BOND 302 is formulated of water based styrene-butadiene polymer latex that gives high bonding characteristics. It is stable under wet alkaline conditions forming a reinforcing polymer matrix within cement-based mixes.

USES

R-BOND 302 is use for bonding of new concrete to old concrete, repair of concretes, cement flooring mixes for screeding and patching, filling/injection grouts, tiling and setting mortars.

ADVANTAGES

- Improves the adhesion of cement-based mixes.
- Reduces shrinkage and cracking for repair and screeding use.
- Effective in increasing the workability and cohesion of cement mixes.
- Reduce water content to improve strength without loss of workability.

METHOD OF USE

Surface Preparation

The surface for application must be clean and laitance free. For larger areas, the use of grinding machines is recommended. Cut back the edges of repair areas to avoid feathering the repair. For cement-based mixes, all surfaces should be saturated with water, removing any ponding surface water before application.

Application For Bond Coat

Use a stiff brush to apply a coat of R-BOND 302 onto the surface. Work well into the surface. Application of concrete renders and mortars should take place while the bond coat is already tacky. Bond coat will remain tacky for approximately 20 minutes depending on surrounding ambient temperature.

Application For Cement Mortar Mixes

Recommended ratio would be Portland Cement (50 kg) : Fine Sand (150 kg) : R-BOND 302 (10 kg) : Water (5 kg). Apply a 5-6 mm render with a notched float. Press the brick or tile into the render. The same mix should be used later for grouting purposes.

Application For Floor Patching

Recommended ratio would be Portland Cement (50 kg) : Fine Sand (100 kg) : R-BOND 302 (10 kg) : Water (5 kg). Apply a 5-15 mm render with a notched float. Press the brick or tile into the render. The same mix should be used later for grouting purposes.

Dampen/wet the prepared substrate, apply a bond coat and while still wet, place the screed, repair or render mix by using a wooden float to apply and compact. Repair and screed mixes are best placed at a semi-dry consistency, rammed into place. Finish with a steel float. Good curing is essential to prevent drying and cracking.

STORAGE AND HANDLING

R-BOND 302 is non-flammable. It should be kept in closed containers, in a dry place, protected from extremes of temperature.

R-BOND 302 is non-toxic but should be treated with caution. Skin and eye contact should be avoided and plastic or rubber gloves and eye protection worn at all times. In case of eye contact, wash copiously with water and seek immediate medical attention.

CLEANING

Spillage should be cleaned up immediately with water.

SPECIFICATIONS	
Appearance	White Milky Liquid
Specific Gravity	1.02 g/cm ³
Flash Point	Non-flammable.

CONSUMPTION

Approximately 6 m² per litre.

PACKING

R-BOND 302 comes in 1000 Litres container, 208 Litres drum or 20 Litres pail.

SHELF LIFE

If stored in a cool and dry place, the shelf life of R-BOND 302 is approximately 12 months in unopened containers.

Asia Mortar

Singapore • Malaysia • Vietnam • China

Tel: +65 6269 5575 • +60 6 4416 818 • +84 8 3820 8686 Email: info@asiamortar.com Website: www.asiamortar.com