



DESCRIPTION

PACTOBond Latex is an aqueous emulsion specially formulated for use as a bonding agent and as an additive with cementitious mixes to improve the mix properties.

TYPICAL USES

PACTOBond Latex is used in cementitious mortars, plasters, concrete, thin layer patch mortars, etc. To improve the waterproofing, wear resistance, durability and bonding properties.

STANDARDS

ASTM C1059 Type II

ADVANTAGES

- Excellent adhesion to concrete, mortar and plaster
- Improved flexural and tensile properties allow for thin applications
- Improves cohesion and workability
- Reduces shrinkage
- Improves corrosion protection and durability
- Improves mortar resistance to oil, grease and mild acids
- Non-toxic
- Single component easily gauged

TYPICAL PROPERTIES @ 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Single
Form	-	Liquid
Colour	-	Milky White
Specific Gravity	ASTM D1475	1.02 kg/ltr \pm 0.05
Compressive Strength	BS 6319-2	10-15% increase over control
Flexural Strength	BS 6319-3	5-10% increase over control
Tensile Strength	BS 6319-7	5-10% increase over control
Pull out Strength	ASTM D4541	>1 N/mm ²
Bond Strength	ASTM C1042	> 8.6 M/mm ²

PACKAGING

5ltr, 20ltr. & 200 liter

APPLICATION

SURFACE PREPARATION

The surface must be clean, sound, free from laitance, oil, grease, curing membranes, dust and other loose materials. All surfaces to be treated should be thoroughly washed with high pressure water jetting. All perimeter edges must be saw cut to ensure a minimum depth of repair mortar and to avoid feather edges. Expose fully all corroded steel in the areas to be repaired. The surface should be thoroughly soaked with clean water and any excess water should be removed prior to application of repair mortar **or PACTOBond Latex**.

MIXING

As a Bonding Slurry Coat: As per recommended dosage, add **PACTOBond Latex** to pre measured quantity of water in a suitable container and stir well. Add cement slowly and mix well using a slow speed drill machine fitted with a paddle.

As an additive: Manual mixing is not recommended. Preferably a forced action mixer or low speed drill fitted with a paddle should be used. Weigh the cement and sand where required, into the mixer and dry blend together for one minute. Add the premixed **PACTOBond Latex** and clean water. Continue mixing for 3 minutes to ensure complete dispersal into the sand-cement mix. Make any small adjustment to the quantity of clean water but do not significantly exceed the dosage shown below. Mix until homogenous material is obtained.

GENERAL GUIDELINES

Repair Mortar – Mix Proportions

Thickness 6 -40mm

10 ltr of **PACTOBond Latex**

8-12 ltrs of (as per the required consistency)

50 kgs. of Ordinary Portland Cement

150 kgs. of sand



Floor Screed- Mix Proportions

Thickness: 30mm- 70 mm
 10 ltrs. of **PACTOBond Latex**
 6-10 ltrs of clean water
 50 kgs of Ordinary Portland Cement
 100 kgs of fine aggregate
 The screed should be of earth moist consistency

Renderers- Mix Proportions

Thickness: 6mm -15mm
 10 ltrs. of **PACTOBond Latex**
 6-10 ltrs of clean water
 50 kgs of Ordinary Portland Cement
 100 kgs of fine sand
 The render should be cohesive and of earth moist consistency

APPLICATION

As a Neat Bonding Agent: Stir the **PACTOBond Latex** well and apply using brush, roller or spray on the prepared surface. Ensure that the material is spread evenly on the entire surface. Subsequent material to be bonded should be placed while **PACTOBond Latex** is still tacky.

As a Bonding Slurry Coat: Apply slurry bonding coat made up of **PACTOBond Latex**, water and cement into the ration of 1:1:1 by weight using brush or roller

As an additive: **PACTOBond Latex** modified mortars, toppings and renders must be well compacted on the prepared substrate by trowel. Exposed steel reinforcement should be completely encapsulated by mortar. **PACTOBond Latex** modified mortars can be applied at a thickness of 6 mm to 40 mm. Where thick sections in excess of 40mm are to be built up, the surface of the intermediate layers should keyed and primed.

CURING

All cementitious mortars, render, screeds, repair materials modified with **PACTOBond Latex** should be cured with mist water spray or moist curing by spreading wet hessian cloth or use of appropriate curing compound from **PACTOCure** range.

COVERAGE

As a neat bonding agent: 5-7 m²/ltr/coat. Actual coverage depends on texture and porosity of substrate.

As an additive for tile and adhesives, bedding mortars, sand-cement renders, plasters and screeds. The dosage may vary from 10-20% by weight of cement.

STORAGE AND SHELF LIFE

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

EQUIPMENT CLEANING

Clean all equipments and tools with water immediately after use. Hardened material can be removed mechanically.

HEALTH AND SAFETY

PPE's: Gloves, goggles and suitable mask must be worn.
 Precautions: Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately.

Hazard: Regarded as non-hazardous for transportation.

Disposal: Do not reuse containers. To be disposed off as per local rules and regulations.

For additional Information, refer to MSDS (available on request.).



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