

ATLAS TILE ADHESIVES



SOLUTIONS FOR INDUSTRY

Prebond

Characteristics

- ⊕ When mixed with water Prebond makes a flexible primer/coating for surfaces to be tiled.
- ⊕ Prebond is a cost effective one part, polymer modified powder.
- ⊕ Prebond can be used for improving the adhesion over traditionally difficult tiling surfaces prior to using tile adhesive.
- ⊕ Prebond can be used over old paint, vinyl, vinyl tiles, carpet tile adhesive residues etc (with the exception of some oil based paint).
- ⊕ Prebond can also be used over glazed tile surfaces, steel trowelled concrete, metal surfaces and other shiny nonporous substrates.

Preparation

- ⊕ Surfaces must be clean, dry and free of loose material.
- ⊕ Fibre cement sheets and plasterboard must be fixed to manufacturers instructions.
- ⊕ Concrete must be cured for 28 days and render at least 7 days before tiling.
- ⊕ Painted surfaces must be free of flaky and loose material.
- ⊕ Metal surfaces must be free of corrosion. Galvanised steel should be acid etched and primed with etch primer.
- ⊕ Existing tiles should be washed with sugar soap, rinsed and dried. Very glossy large glazed tiles can be scratched with coarse sand paper for optimum results.

Expansion/Movement Joints

Expansion/movement joints must be provided to allow for movement between adjacent building components. They should be as follows:

- ⊕ Over existing joints in the substrate
- ⊕ Where two different substrates meet. e.g. Timber and concrete.
- ⊕ Around fixed elements in the floor, e.g. Columns.
- ⊕ At internal vertical corners.
- ⊕ Around the perimeter of the floor.
- ⊕ On internal floors where any dimension exceeds 9 metres (or 6 metres if subjected to sunlight).
- ⊕ On wall surfaces in accordance with AS3958.1
- ⊕ Movement joints should go right through the tile bed to the background, be free of dirt and droppings, be 6 to 10mm wide and be filled with a flexible sealant like silicone.

Mixing

- ⊕ In a clean container place 3.5 litres of clean water and gradually mix in a 10kg bag of Prebond powder.
- ⊕ Use a slow speed power drill and stirrer and ensure the mixture is smooth and lump free.
- ⊕ The resultant mix should be a thick fluid.
- ⊕ The mix can be adjusted for application by using more or less initial mix water, but within the range of 2.5 to 4 litres / 10kg bag.
- ⊕ Allow the mix to stand for 5 minutes then remix before applying.

Application

- ⊕ Apply Prebond with a brush or roller, to a thickness of about 1mm wet, then allow to dry for at least 4 hours, depending on climatic conditions.
- ⊕ Do not apply with a trowel. Do not exceed film thickness or spreading rate recommendations.
- ⊕ Do not use premixed adhesives over Prebond.

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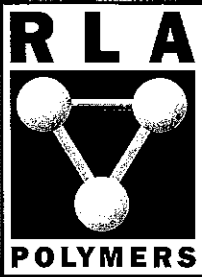
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The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturer's control. Any failure or damage caused by the incorrect usage of the product is not the responsibility of the manufacturer. The manufacturer insists that all workmanship must be carried out in accordance with AS3958.1-1991. It is also the responsibility of the end user to ensure that the literature in their possession is the latest issue.



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Clean Up

- ↓ Tools can be cleaned with warm water and detergent prior to drying

Coverage

- ↓ When mixed with 3.5 litres of water a 10kg bag of Prebond will cover about 8 square metres at 1mm wet initial film thickness.

Packaging/Shelf Life

- ↓ Prebond is available in 10 kg paper sacks.
- ↓ A bag of Prebond, when stored in a cool, dry place, above ground level will have a shelf life of approximately 12 months.

Handy Tips

- ↓ Do not apply Prebond in temperatures below 5°C or above 40°C
- ↓ Do not apply Prebond directly to unprimed timber or fibre-cement sheet.
- ↓ For applications not mentioned on this sheet, contact your nearest RLA/ATLAS office
- ↓ Prebond is cement based and alkaline in nature. It may cause drying of the skin and dermatitis. Applicators should wear PVC gloves and eye protection.
- ↓ For a full MSDS on this product, please contact your nearest RLA/Atlas office.
- ↓ Do not apply too thick or too wet to avoid retarding dry time.

Technical Data

Properties	Results
Appearance	Light grey powder
Bulk Density	0.85 +/- 0.10
Surface Dry Time	30 minutes
Cure Time	3 hours
Pot Life	1 hour

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