

## Acrybond Mastic (White)

### Characteristics:

- ↓ Acrybond Mastic is a white acrylic based, flexible, Non-slump, quick grab, premixed mastic tile adhesive.
- ↓ It is designed for bonding all types of porous ceramic, stone and mosaic tiles, with the exception of light coloured and Green Marble, onto a variety of substrates like render, rendered brickwork, block work, Gyprock, plasterboard, and fibre cement surfaces.
- ↓ Acrybond Mastic can be used internally only on wall surfaces.
- ↓ Acrybond Mastic has been tested in accordance with Australian Standards, and passes its requirements.
- ↓ Acrybond Mastic is NOT recommended for use over concrete slabs, timber floors, painted surfaces and over waterproofing membranes.

### Preparation:

- ↓ All rendered surfaces must be allowed to cure for at least 7 days prior to commencing tiling. Ensure all rendered surfaces have a wood float finish.
- ↓ The maximum variation in the plane must not exceed 5mm in 3 meters for floors and 4mm in 2 meters for walls.
- ↓ Fibre Cement sheet when used as an underlay or wall material must be a minimum of 6mm in thickness. All FC Sheets should be fixed in accordance with the manufacturer's instructions and the relevant standards.
- ↓ Gypsum -plasterboard sheets when used as a wall substrate must be a minimum of 10mm thick, and installed in accordance with the manufacturer's instructions and the relevant standards.
- ↓ Ensure all surfaces are sound, dry and free from excessive movement, oil, dust, grease, wax, curing compounds, release agents, paint and any other loose contaminating materials.
- ↓ It is recommended that all surfaces must be primed with Uniprime, especially porous surfaces, to ensure a sound bond of the adhesive to the substrate.
- ↓ When applying the primer on a wall surface it is recommended to use a brush or roller. Then continue this method of application until the entire area is primed. Note: This method of application ensures a thorough coat of the primer on the surface.
- ↓ Allow the primer to dry for approximately 10 minutes at 20°C prior to commencing tiling.

### 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. Eg: Timber and Concrete.
- ↓ Around fixed elements in the floor eg. Columns.
- ↓ At internal vertical corners.
- ↓ Around the perimeter of the floor.
- ↓ In internal floors where any dimension exceeds 9m or 6m if subjected to sunlight.
- ↓ On wall surfaces at storey heights horizontally and approximately 3m-4.5m apart vertically. Ideally they should be located over movement joints in the structural background and at structural material changes for example the horizontal joint at the bottom of floor slabs, vertical joints at internal vertical corners, and at junctions with columns. (The above points are in accordance with AS3958.1-1991)
- ↓ Movement joints should go right through the tile adhesive bed to the background and kept free from dirt and adhesive droppings. Movement joints must not be less than 6mm and not wider than 10mm. The movement joints must be filled with a flexible sealant like Silicone.

### Application:

- ↓ Once the surface has been appropriately prepared in accordance with RLA's instructions then apply the adhesive onto the substrate using an appropriate notched trowel.
- ↓ For wall tiling use 6mm x 6mm square notched trowel for tiles up to 200mm x 200mm. For tiles larger than 200mm x 250mm use a 8mm x 8mm square notched trowel.
- ↓ Acrybond Mastic can be applied onto the substrate at a rate of 3m<sup>2</sup> at a time. Application rates greater than this can result in the adhesive skinning before the tiles are laid into it.
- ↓ Once the adhesive is applied onto the substrate ensure that it does not skin prior to bedding the tiles into it. Once the adhesive skins do not lay tiles into it, but remove it and apply fresh adhesive.
- ↓ When placing the tiles into the adhesive press them in by using a twisting or sliding action. Ensure no voids occur and full coverage of adhesive is under the tiles.
- ↓ For tiles with lugs, grooves or uneven backing it may be required to butter the back of the tile with adhesive in addition to trowelling the adhesive onto the substrate.
- ↓ The final bed thickness of the adhesive should be at least 2mm for wall tiling and 3mm for floor tiling.
- ↓ Once the tiling is completed do not disturb the tiled surface for at least 24 hours at 20°C.

### Clean Up:

- ↓ Excess adhesive from the face of the tiles can be cleaned up with damp cloth while the adhesive is still wet.
- ↓ Adhesive that has oozed out into the grout joint must be raked out with a knife / spatula etc.
- ↓ Tools and other equipment can be cleaned up using water while the adhesive is still wet.

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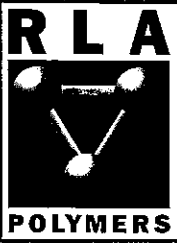
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The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturer's control. Any failure or damage caused by the incorrect usage of the product is not the responsibility of 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.



# SOLUTIONS FOR INDUSTRY

## Coverage:

- ± The coverage of Acrybond Mastic will vary depending upon the substrate and size and type of tile. As a guide it will cover approximately 0.75m<sup>2</sup> / L when using a 6mm x 6mm notched trowel.

## Grouting Application:

- ± Grouting application can commence 24 hours after the completion of tiling.
- ± Refer to RLA/Atlas grout data sheets for all technical information

## Packaging / Shelf Life:

- ± Acrybond Mastic is available in 15L , 4L and 1lt Pails.
- ± A pail of Acrybond Mastic, when stored in a cool, dry environment, and is stored above ground level, will have a shelf life of approximately 12months.

## Handy Tips:

- ± Do not apply Acrybond Mastic in temperatures above 40°C and below 5°C.
- ± Acrybond Mastic cannot be used for external tiling applications.
- ± Acrybond Mastic cannot be used for fixing tiles directly onto timber or concrete floors.
- ± Acrybond Mastic cannot be used for fixing tiles in permanently immersed situations like swimming pools, spas etc and permanently damp concrete slabs like those present around the pool surrounds etc. or inside shower recesses.
- ± Acrybond Mastic cannot be used for fixing tiles over non-porous surfaces such as waterproofing membranes, and for fixing low porosity tiles.
- ± For applications / situations not mentioned in this data sheet please contact you nearest RLA/Atlas office.
- ± Acrybond Mastic is classified as a non-hazardous product.
- ± For a full MSDS on this product please contact your nearest RLA/Atlas office.

## Technical Data:

Properties	Results
Appearance	Grey Paste
Density	1.4 +/- 0.05
Open Time	Approx. 50 minutes @ 20°C
Drying Time @ 20°C	Approx. 24 hours

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