Acrybond Mastic

Wall Tile Adhesive

Characteristics:

ž   Acrybond Mastic is a acrylic based, flexible, non slump, quick grab, premixed mastic tile adhesive.

Preparation:

ž   While in most cases Acrybond Mastic can be applied directly to the substrate, there is occasionally a requirement to prime the surface first, such as over concrete or masonry products, or very dense glossy surfaces.

ž   In all instances the surface needs to be well fixed and clean and free from contamination.

ž   Special note should be taken of the fixing and sealing requirements of the substrate supplier.

ž   Where waterproofing is required, use Miracryl 2 part or Polymer Liquid Seal.

ž   Acrybond Mastic cures by evaporation and consideration needs to be given when bonding non porous vitrified tiles. Cure and setting times in some applications may be considerably extended.

ž   Existing paint work must be clean and firmly adhered. Roughen up the paint work with sandpaper to provide some suction back into the substrate.

Expansion/ Movement Joints:

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

ž   Over existing joints in the substrate, where two different substrates meet e.g. Plasterboard and fibre cement sheet, at internal vertical corners, and around the perimeter of the <u>floor</u>.

ž   On wall surfaces at storey heights horizontally and approx. 3m-4.5m apart vertically.

ž   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 6 mm and not wider than 10 mm. The movement joints must be filled with a flexible sealant like Silicone.

Application:

ž   Acrybond Mastic is generally applied to the substrate with a 6-8 mm notched trowel.

ž   Applying about a square metre at a time and firmly pressing the tiles into the adhesive making sure that the adhesive has not "skinned off".

ž   Any material that has "skinned" or dried excessively should be scraped off and discarded.

Clean up:

ž   Excess adhesive from the face of the tiles can be cleaned up with damp cloth while the adhesive is still wet.

ž   Adhesive that has oozed out into the grout joint must be racked out with a knife/spatula etc.

ž   Tools and other equipment can be cleaned up using water while the adhesive is still wet.

Coverage:
- Coverage will vary depending on the substrate condition and the type of tile but is approximately 0.5m^2/L with a 6 mm notched trowel.

Grouting Application:
- Generally grouting can be carried out after the adhesive has achieved a firm set (24 hours), if Acrybond Mastic is applied over waterproofing, extended drying times will be required.
- With impervious tiles and on non porous substrates, allow a minimum of 48 hours.
- Grouting can be carried out with RLA Grout and RLA Grout Add or Flexi-grout^{TM} liquid premix.

Packaging/ Shelf Life:
- Available in: 15 L pails.
- When stored in a cool, dry environment, and above ground level, will have a shelf life of approximately 12 months.

Handy Tips:
- Acrybond Mastic cures by evaporation. Tile absorption, climate and substrate porosity will effect the above cure and setting rates.
- Remove all spacers from grout joints, prior to grouting.

Technical Data:

Properties	Results
Appearance	White Paste
Density	1.4 +/- 0.05
Open Time	Approx. 50 minutes @ 20°c
Setting Time	24 Hours
Shear strength after 7 days	2.26 MPa
Modulus of Elasticity	0.20 MPa

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 insist that all workmanship must be carried out in accordance with AS3958 part 1 1991. It is also the responsibility of the end user to ensure that the literature in their possession is the latest issue.