



## Australasian Tiling Adhesives

PTY LTD

PO Box 6468 Footscray West  
Victoria, 3012, Australia

ABN: 92 154 228 207 ACN: 154 228 207

Telephone: 0418943097

COMPLETED

### Installation of Amalfi Glass Mosaics & Ceramic Mosaics

### Aus-Crete Premium Industrial: Data Sheet:( C2TES1 )

**Aus-Crete Premium Industrial:** Provides a high performance flexible polymer fortified cement based adhesive that is used for installing glass tile and ceramic tile in **Swimming Pools**, available in White, Light Grey and Grey. Matching grout available.

#### Technical Notes:

**Pot Life:** 4 hours @ 20C

**Open Time:** 30 minutes @ 20C

**Initial Set:** 6 hours @ 20C

**Time for Light Traffic:** 7 to 9 hours @ 20C

**Time for Heavy Traffic:** 72 Hours @ 20C

**Tensile Strength:** 1.7– 2.0mpa after 7 days ( Porcelain Tile to suitably prepared concrete )

**Tensile Strength:** When mix with Aus-Bond Industrial Latex 2.3 – 2.5mpa

**Compressive Strength:** 25mpa after 28 days

**Compressive Strength:** 15mpa after 4 days

**Water Absorption:** Less Than 2%

**Transverse Deformation:** 3.7mm ( flexibility )

**Application Thickness:** 2mm to 10mm,

**Colour:** White, Light Grey & Dark Grey

**Coverage:** 6 – 8m<sup>2</sup> with a 6x6mm notch trowel.

**Full Cure:** Allow 7 days @22C prior to total submersion

**Warranty:** Ten Years

**Render:** ( if required ) Should be a 4 to 1 sand/Portland cement mix gauged with **Aus-Bond Industrial Latex** of **Aus-Crete Screed n Render:** mixed with water.

**Surface Preparation:** All substrates must be clean and free from laitance, curing compounds, dirt, dust, grease, oil and any other contaminants that may inhibit bond. All substrates should be washed with clean water just prior to the application of the adhesive, **Aus-Crete Premium Industrial:** or render can be applied to damp surfaces.

**Mixing:** For best results mix **Aus-Crete Premium Industrial:** with 5.5 litres of clean water and mix with a slow speed mixer.

**Installation of Mosaic Tile:** Use a suitable size notch trowel that will provide full bedding of the mosaic tile, apply tiles while the adhesive is wet and tacky and tamp into place to ensure good contact with the adhesive.

**Cleaning,** Remove excess adhesive with clean water while work proceeds, hardened adhesive will be hard to remove.

**Grouting:** Can take place when the tile and stone has set firm.

**Maintenance:** Correct water balance is required to ensure the long term performance of the grout in swimming pools.

**Precautions & Limitations:** Adhesives are effected by extremes of temperature and consideration should be given to hot weather conditions as the adhesive will set fast and have shorter open time, in cold conditions the adhesive will set slower and require extended time prior to grouting and traffic.

**Safety:** Avoid breathing dust, wear an appropriate respirator & eye protection and provide adequate ventilation, this product contains sand & cement (silica), avoid contact with skin, wear suitable gloves and work wear when using all sand & cement based products.

**Data Sheet:** Consult ATA for a full data sheet or specification on this product.

**Contact Details:**

**Australasian Tiling Adhesives Pty Ltd ( ATA ), ABN: 92 154 228 207, ACN:154 228 207, Mobile: 0418 943 097, Email: [techservice@ata.com.au](mailto:techservice@ata.com.au) , Web: [www.ata.com.au](http://www.ata.com.au)**  
PO Box 6468 Footscray West Victoria 3012

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