



# TECHNICAL DATA SHEET

## AUS-MASTIC



**An acrylic based white pre-mixed D1 tile adhesive for installation of tiles for internal walls only. Classified as a D1 T E adhesive.**

<b>Coverage per pail</b>
6x6mm trowel
9.9m <sup>2</sup>

**TEN YEAR WARRANTY  
AUSTRALIAN STANDARDS COMPLIANCE D1TE**



# TECHNICAL DATA SHEET

## AUS-MASTIC

### TECHNICAL NOTES: AT 21°C

OPEN TIME	20 minutes
DRYING TIME	24 hours

### TECHNICAL NOTES: AFTER 28 DAYS

SHEAR STRENGTH (SS)	≥ 1.00 MPa
SS, 14 DAYS HEAT AGING	≥ 1.00 MPa

**Appearance:** White Paste

**Available packaging:** 15L bucket

#### **Description:**

**Aus-Mastic** is an acrylic based, flexible, pre-mixed internal wall tile adhesive with excellent non-slip properties designed for bonding tiles onto a variety of substrates like render, rendered brickwork, gyprock, plasterboard, and fibre cement sheet surfaces.

#### **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.

#### **Render:**

All rendered surfaces must be allowed to cure for at least 7 days prior to commencing tiling.

#### **Fibre cement sheets:**

Fibre cement sheet must be a minimum of 6mm in thickness and must be installed to the manufacturer's guidelines.

#### **Gypsum/Plasterboard sheets:**

Gypsum/Plasterboard sheet must be a minimum of 10mm thick and must be installed to the manufacturer's guidelines.



# TECHNICAL DATA SHEET

## AUS-MASTIC

### Installation:

All tile installations should be made in accordance with Australian Standards and industry guidelines. **Aus-Mastic** is applied to the substrate with the flat side of the trowel. Ensuring that it is worked into good contact with the substrate, the trowel is then turned over and notched side is used to comb out even ribs of adhesive onto the substrate. Be sure to use a suitable size notch trowel to suit the tile, tiles up to 200mm x 200mm use a 6mm x 6mm square notched trowel and for tiles larger than 200mm x 200mm use a 8mm x 8mm square notched trowel. Tile is then placed into the adhesive and twisted, pushed, rubbed or tapped to ensure adequate coverage of adhesive and to promote good bond. When installing larger tile the adhesive should be applied to the substrate as above and applied to the back of the tile to ensure adequate coverage and good bond. At no time should any tile be spot fixed with the adhesive. Some tile can show staining from adhesives, particularly if the adhesive does not cover the full surface area of the back of the tile. This is not a fault with the adhesive. To help prevent staining fully cover the back of the tile with the adhesive, use a white or light-coloured adhesive for translucent tile. A test area should be carried out on unknown tile to ensure a suitable outcome for the project. Mastic adhesives require either the tile or substrate to be porous. Mastic is not suitable for large porcelain tile over waterproof membranes as it will take an extended time to dry.

### Cleaning:

Remove excess adhesive with damp cloth while the adhesive is still wet. Hardened adhesive will be difficult to remove.

### Grouting:

Grouting can take place 24 hours after the completion of tiling. Remove all debris from grout joints prior to grouting, and ensure grout joints are an even depth to help prevent shading in grout. Install the grout as per manufacturer's recommendations, using as little water as possible in the clean-up process to help prevent efflorescence and colour variations in the grout. Always use grout from the same batch.

### Coverage:

Will vary due to site conditions and the substrate, as a guide 15L of **Aus-Mastic** will cover approximately 9.9m<sup>2</sup> with a 6x6mm trowel.



# TECHNICAL DATA SHEET

## AUS-MASTIC

### **Precautions and Limitations:**

This adhesive is not suitable for water sensitive tile or stone and some waterproof membranes such as full polyurethane, bitumen or torch on membranes. Always consult the manufacturer of these materials prior to starting the project. Not suitable for large porcelain tile or tile with a low porosity. Do not use in constant wet areas such as shower floors, pools and spas or in external areas subject to moisture. Do not use on tongue and groove timber or timber that is affected by moisture. In general, all timber should be overlaid with cement sheet prior to tiling. Always follow the installation instructions of the substrate supplier and Australian Standards.

Adhesives are affected by extremes of temperature. In hot weather conditions the adhesive will set fast and have a shorter open time; in cold conditions the adhesive will set slow requiring extended time prior to grouting and traffic. Do not use below 5°C and above 40°C. Structural failure and suitability of the substrate is outside of our control, care should be taken by the installer as starting the work constitutes acceptance of the substrate. Consult ATA if you have any questions.

### **Health, Safety and Handling:**

**Refer to the Safety Data Sheet for full, detailed instructions in accordance with the hazardous chemicals code of practice.**

Avoid contact with eyes and prolonged contact with skin. To avoid contact with skin and eyes wear protective clothing, goggles, gloves, safety shoes etc. If contact with eyes does occur, immediately flush with water and seek medical advice.

### **Storage/Shelf Life:**

When stored in a cool, dry place the contents of the original unopened container can typically be used approximately twelve (12) months from the date of manufacture.

### **Warranty:**

“Australasian Tiling Adhesives Pty Ltd (“ATA”) warrants that **Aus-Mastic** (“the goods”) will be free of defects for a period of up to **10 years** from date of installation, subject to the goods being utilized and installed strictly in accordance with Australian Standards and industry guidelines. The use of the goods is beyond the control of ATA and/or the supplier and the liability of ATA under this warranty is restricted only to the replacement of the material found to be defective. Structural failure of the substrate is not covered by this warranty and the manufacturer and/or supplier of the goods will not be liable for any damage whatsoever arising from the incorrect use of the goods. A warranty claim must be made in writing by email to [\[admin@ata.com.au\]](mailto:admin@ata.com.au) by you within seven days of becoming



# TECHNICAL DATA SHEET

## AUS-MASTIC

aware of the defect. Proof of purchase by you, the date of purchase, and evidence of who installed the product, with relevant contact details, must accompany all claims. In the event of a dispute arising in relation to a claimed defect, ATA reserves the right to engage an independent expert to investigate and report, and the cost of the expert will be borne by the party at fault. The benefits to you given by this warranty are in addition to other rights and remedies you may have under any law in relation to the goods to which the warranty relates. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods replaced or repaired if the goods fail to be of acceptable quality and the failure does not amount to a major failure.”

### Contact Details:

**Australasian Tiling Adhesives Pty Ltd (ATA), ABN: 92 154 228 207, ACN: 154 228 207,  
Mobile: 0448 404 333, Email: [admin@ata.com.au](mailto:admin@ata.com.au) , Web: [ata.com.au](http://ata.com.au)**