



# Reflecta-Cell Plus™

## THERMAL & SOUND INSULATION



### CORRECT INSTALLATION METHOD FOR WALL

#### METAL AND TIMBER FRAMES – WITH BRICK OR LIGHTWEIGHT WALL

- 1 Roll out the suitable Reflecta-Range™ insulation product horizontally on the outside of studs or framing.
- 2 Install the product from the bottom of stud or framing.
- 3 Roll out the next roll of Insulation allowing 150mm overlap (residential building) or 50mm overlap (commercial building).
- 4 Where overlap is less than 50mm or 150mm, use 72 mm wide reinforced aluminium foil joining tape.
- 5 Allow a nominal air space of 25 mm either side of the Insulation to achieve required R-values. This is easily achievable by pushing Insulation inwards between the studs.

#### DOUBLE BRICK CAVITY WALL

- 1 Construct internal brick wall with wire ties in place.
- 2 Install Insulation from bottom of the wall.
- 3 Roll out the Reflecta-Range™ product horizontally across the wall on top of wire ties
- 4 Slit Insulation with sharp knife or push wire ties through Insulation.
- 5 Overlap installed Insulation by 150mm (residential building) or 50mm (commercial building).
- 6 Where overlap is less than 50mm or 150mm, use 72 mm wide reinforced aluminium joining tape (available from Insulation).
- 7 Allow a nominal air space of 25 mm either side of the Insulation to achieve required R-values. This is easily achievable by pushing Insulation inwards between the brick cavity.

### MASONRY OR TILT PANEL WALL USING METAL BATTENS

- 1 Construct block wall or tilt panel wall and install adjustable furring channel clips (Eg. Betafix/ BETAFIL)
- 2 Roll out the Reflecta-Range™ product horizontally across the wall over the top of furring channel clips.
- 3 Slit Insulation with sharp knife so the clip can pass through the Insulation. The slit should only be big enough to allow the leg(s) of the clip to pass through the Insulation.
- 4 Push the insulation onto the clip to provide a 25mm airgap to both the front and back of the insulation. An insulation spacer may also be used to assist with this.
- 5 When installing the next run of insulation overlap by 150mm (residential building) or 50mm (commercial building) and tape to suit AS4200.2.
- 6 Clip Furring Channels/ Battens into clips to secure insulation. Fix linings as normal.

### VAPOUR CONTROL MEMBRANE

If the product is installed and used as a vapour control membrane, Class 1 or Class 2, or as an air barrier, it shall be continuously sealed at all discontinuities, end laps, joints and penetrations by

- A pressure sensitive, heat and moisture resistant tape;
- Adhesive of equal or greater vapour resistance than the vapour control membrane;
- Heat and moisture resistant adhesive tape;
- Mechanical fixing with adhesive sealant; or
- Adhesive bond.

Products are to be stored standing upright and on pallets not more than two high. Product warranty is voided for any product stored horizontally resulting in squeeze or crush. Returns of product displaying effects of deformation due to incorrect storage practices will not be accepted.

The product information included in this publication is provided in good faith in order to ensure the optimum performance of this product. However, no warranty is given or implied with respect to this information or the product itself regarding the product's suitability for any particular purpose, as factors outside our knowledge and control may affect its use. The usage of this and other building membranes will affect moisture migration in the building element. The purchaser is responsible for independently determining the sustainability of the product for the intended purpose. GI Building Services Pty Ltd reserves the right to amend product specifications without prior notice. Information provided is considered to be true and correct at the time of publication.

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