

Installation sheet Reflecta-Range™ of products

Walls

greenguide

REFLECTA-RANGE™ PRODUCTS

Reflecta-Guard™

Reflecta-Cell™

Reflecta-Shield™



Phone: 1300 308 165

Fax: 1300 308 164

Web: gibuildingsciences.com.au

Correct Installation Method for Walls

Correct Installation of Insulation

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

Please note that 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.

