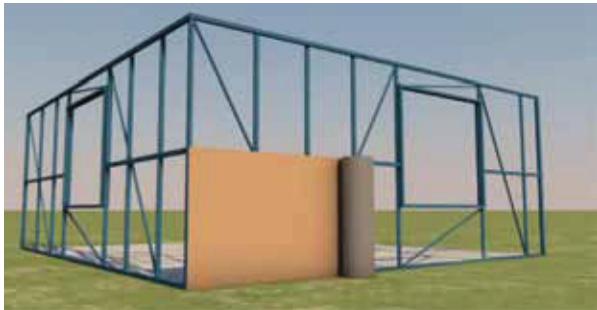




## AIR-CELL®

### STEEL-FRAMED WALL INSTALLATION INSTRUCTIONS



1. Fix Kingspan AIR-CELL<sup>®</sup> loosely to the outside of frame leaving flexibility for Kingspan AIR-CELL<sup>®</sup> to be dished onto the wall cavity.



2. Cut Kingspan AIR-CELL<sup>®</sup> carefully around doors, windows and other openings, so that it neatly abuts to frames.



3. Butt join Kingspan AIR-CELL<sup>®</sup> sheets and tape with a 48 mm wide reinforced foil tape.



4. Provide for outer air space by adhering the Kingspan AIR-CELL Spacer Biscuits<sup>™</sup> to the outer face of the Kingspan AIR-CELL<sup>®</sup> (approximately 3 Spacer Biscuits<sup>™</sup> per square metre required).



5. Commence installing cladding in accordance with manufacturer's installation instructions.

#### Advisory Note: Fibre-cement Cladded Walls

If fibre-cement cladding products are used, the cladding should be fixed by screwing through the Kingspan AIR-CELL Permishield<sup>®</sup> to the steel frame. Even pressure should be applied to ensure that the upper board overlap is in full contact with the lower board. If gaps occur, close using brad nails.

Care must be taken that the screw gun torque and depth settings are appropriate to apply even pressure on the Kingspan AIR-CELL Permishield<sup>®</sup> without over-stressing the cladding material, particularly when installing cladding less than 12 mm thick that does not fit flat to the frame. Kingspan AIR-CELL Permishield<sup>®</sup> 65 should be used when this is the case.

For installations with fibre-cement claddings that are less than 12 mm in thickness the Counter-batten Method is the preferred method.



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