

EXTERNAL CLADDING



GENERAL INFORMATION

When fixing external cladding to “C” sections, screws should be fixed as close as possible to the web side of studs to ensure the screws will engage correctly.

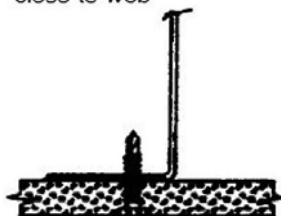
INCORRECT

Screw located too far from web, causing bending of stud flange



CORRECT

Screw located close to web



CAUTION

CAA treated timbers are corrosive to steel. Do not fix in direct contact with steel frames.

FIBRE CEMENT & HARDBOARD PLANKS

1. Fix flashings at external & internal corners, head, sill and side openings as required. Fix a strip of cover moulding or 45mm x 9mm timber around the bottom edge of the building, to pack out the first plank.
2. Fix a string line around the building to establish the top of the first plank. Starting from an external corner, fix the first plank at each stud, flush to the corner and the string line.
3. Fix a joiner to the free end of the plank and continue to fix the bottom row of planks fitting joiners as required. See Figure 1.

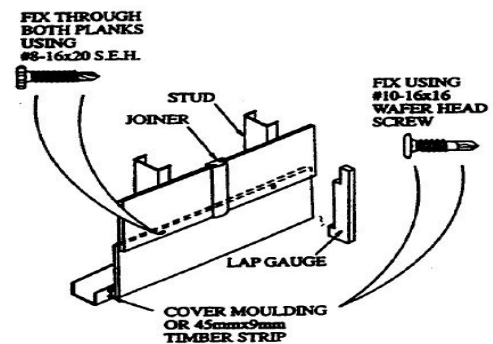


Figure 1: Fibre Cement Fixing Details

4. Internal corners of planks are normally butted to a timber stop. Preformed metal external corners are normally filled with a recommended adhesive and pushed in position. See Figure 2.

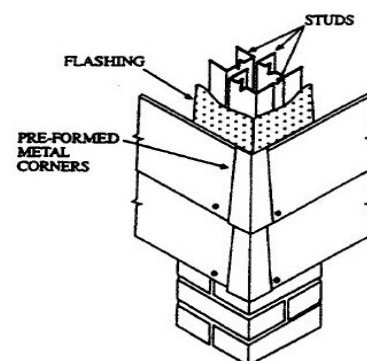


Figure 2: Fixing External Corners

5. Measure the wall height, then calculate the board overlap and the number of sheets to cover the wall. Taking into account the lap required, fabricate two lap gauges from timber as shown and tack to the first plank, to enable the second plank to be accurately aligned.

Continued overleaf

FIBRE CEMENT & HARDBOARD PLANKS

Continued

- Starting from an external corner, start off with an offcut plank to stagger the joints and fix in position. Fix joiner in position, move lap gauges to the second plank position and fit the following plank. Finish the course in the same manner, fixing corners as required. Follow this method for remaining courses. See Figure 3.

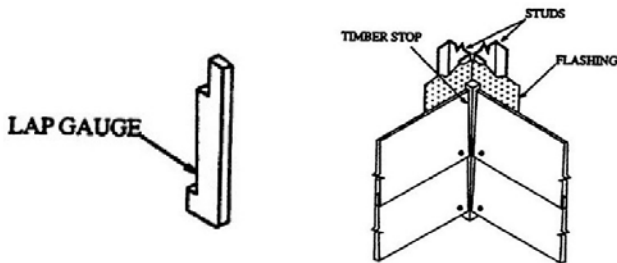
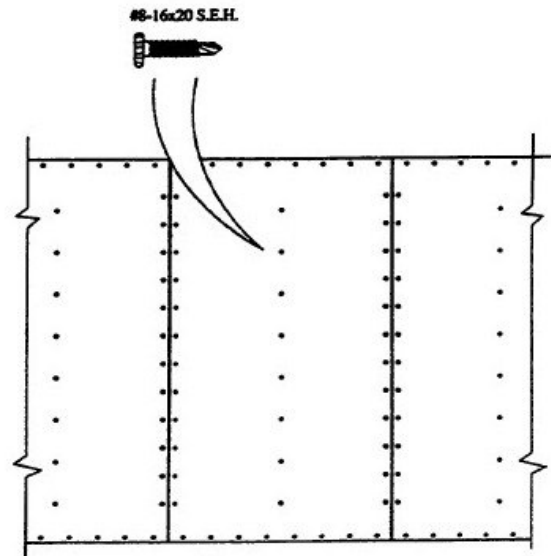


Figure 3: Lap Gauge & Fixing Internal Corners

- Fix vertical and horizontal joints and all corners to manufacturers specifications.



Typical Fibre Cement Sheet Fixing Details

FIBRE CEMENT SHEET

- Fix flashing to external & internal corners, head, sill and side openings as required. Set a string line along the bottom edge to ensure correct alignment of sheets. Starting from a corner, position the first sheet, align correctly and fix in position using #8-16x20 S.E.H. (self embedding head) screws.
- Screws should finish 0.25mm below the sheet surface, so that holes may be filled and sanded flush if required. They should not be overtightened, as damage to sheet may occur.

STEEL WALL PANELS

Wall Cladding profiles should be fixed in accordance with manufacturers specifications. Brackets and clips where required, should be fixed using #10-16x16 hex screws generally, or wafer head screws if the head will foul the panels.

For further information please contact:

National Association of Steel-Framed Housing Incorporated
17-19 Gladding Place, PO Box 76-134, Manukau City

Phone: (09) 262 1625
Toll free: 0800 333 225

Fax: (09) 262 2856
Email: gm@nashnz.org.nz

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IMPORTANT

This publication is designed to assist Qualified tradespersons in the fixing of materials to steel framed houses and is not intended for use by untrained personnel. The recommendations are a guide only. All fixing should be in accordance with manufacturers Specifications.

The information contained in this literature is correct at the time of printing. However, it is subject to change without notice.