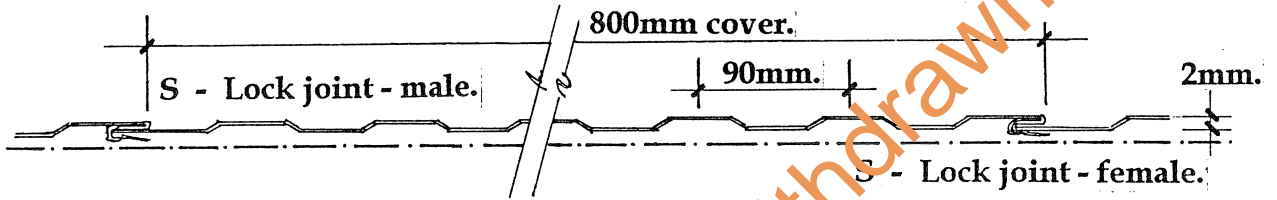




**James Hardie  
Building Systems**

**MESA CLADDING  
FOR AUSCO TRANSPORTABLE  
BUILDINGS  
(Cyclonic Areas)**



**PRODUCT SPECIFICATION**

0.48 mm TCT G300 AZ150 Colorbond Steel to AS1397

**DESIGN DATA**

The Mesa cladding was tested at the James Cook University Cyclone Testing Station in accordance with the requirements of AS4040.3 - 1992 "Resistance to Wind Pressures in Cyclone Regions". (Report TS450) The permissible pressure is calculated to AS1170.2 - 1989 "Wind Loads" as follows :

REGION C	$V_p = 57$ m/sec
TERRAIN CATEGORY 1	SHIELDING MULTIPLIER = 1.0
MAXIMUM BUILDING HEIGHT = 3.0 metres	TOPOGRAPHIC MULTIPLIER = 1.0
EXTERNAL PRESSURE COEFF = -0.65	STRUCTURE IMPORTANCE MULT. = 1.0
INTERNAL PRESSURE COEFF = 0.0	LOCAL PRESSURE COEFF. = 2.0

**DESIGN WIND PRESSURE ,  $I_z = 2.05$  kPa** (Permissible Stress Design)

**FIXING RECOMMENDATIONS**

**Support framing**

F5 timber stud installed vertically at 400 mm centres.  
An optional 3.3 mm plywood sheathing may be attached to the studs prior to the Mesa cladding.

**Fixings**

The S-Lock 'female' shall be stapled (with 12x22x1.5 dia. staples), at 150mm centres, to the stud prior to insertion of the leading edge of the following sheet.  
No. 14 x 25 mm Hex Head Type 17 screws at 400 mm centres to every stud.  
No. 14 x 25 mm Hex Head Type 17 screws at 200 mm centres to top and bottom wall plates and to the perimeter of all openings.

This certificate relates only to Mesa Cladding manufactured by James Hardie Building Systems and may not be reproduced without written authority.

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Elizabeth West SA 5113  
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**DESIGN DATA SHEET**

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Consulting Engineers  
82 Waymouth Street  
Adelaide SA 5000 Ph (08) 212 4900  
Solely **CERTIFIED** DATE 27/11/95

**DARWIN CYCLONE AREA**

APPROVED 	DATE 4-12-95	DRAWING No. M/203/12
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Approved for inclusion in DEEMED TO COMPLY by BUILDING ADVISORY COMMITTEE Date 12/1/96

