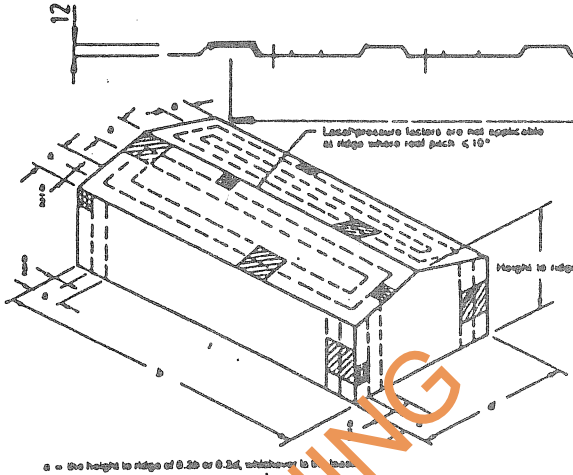


ALLOWABLE SPANS FOR 0.42 mm Lo-Rib WALL SHEETING
FIXED WITH SELF TAPPING SCREWS.



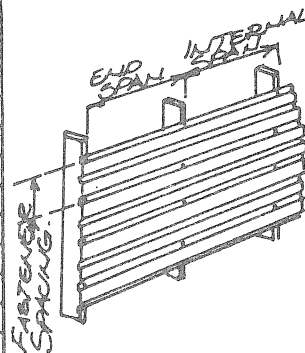
LOCAL PRESSURE FACTORS

Case	Area	K ₁
1	Any area of extent $a \times a$ within a distance a from roof edge, ridge involving a roof pitch of more than 10 degrees, or wall edge	1.5
2	Any area of extent $0.5a \times 0.5a$ within a distance $0.5a$ from roof edge, ridge involving a roof pitch of more than 10 degrees, or wall edge	2.0

LOCAL PRESSURE ZONES

TABLE 1 - (Max. allowable span for Buildings up to 5m in height.)

Terrain Category	Wall Region	C _{pi}	Design wind (Pa) Pressure	Max. End Span (mm)	Max. Internal Span
Cat 1	General	0	50	1045	1200
		+0.8	3.50	-	-
	Case 1	0	2.25	700	860
		+0.8	4.25	-	-
Cat 2	General	0	1.25	1175	1440
		+0.8	2.9	385	470
	Case 1	0	1.37	875	1070
		+0.8	3.54	-	-
Cat 2 1/2	General	0	0.90	1340	1640
		+0.8	2.10	470	940
	Case 1	0	1.35	1125	1380
		+0.8	2.5	555	610
Case 2	0	1.80	915	1120	
	+0.8	3.00	340	420	



SEALED WALL CAVITY
CAVITY NOT SEALED
USE C_{pl} = 0 USE C_{pl} = +0.8

SEALED WALL CAVITY TO HAVE 10mm PLASTERBOARD FIXED AS SPECIFIED TO STUDS AT 450 CRS.

FIXING SPECIFICATION:
1. FIXING TO STUDS UP TO 0.8mm THICK:
8x25mm BULGE HEAD TYPE S.
2. FIXING TO STUDS UP TO 2.0mm THICK:
6x25mm BULGE HEAD TEKS.

- NOTES :
- LO-RIB is a cold formed wall sheeting manufactured from G550 steel sheeting base metal thickness 0.42 mm, total coated thickness 0.47 mm.
 - Refer to APPENDIX A (attached), for wind load calculations.
 - Maximum allowable spans derived with attached graph obtained from load test. Refer APPENDIX B.
 - Table 1 is based on cyclic testing carried out in accordance with Darwin Area Building Manual - Part 3.1.7

MANUF'S. - WOODROFFE SHEETMETAL Pty. Ltd. NAME ADDRESS 1 TAMINGA STREET REGENCY PARK S.A. 5007 PHONE No. (08) 243 1144	FIXING OF: WOODROFFE "Lo-Rib" for Buildings up to 5m in height. IN THE DARWIN AREA.	
	DESIGN DATA SHEET	
CERTIFIED DATE 12/6/87	DEPARTMENT OF LANDS AND HOUSING APP'D. J. James DATE 6/87	DRAWING No. M/113/15