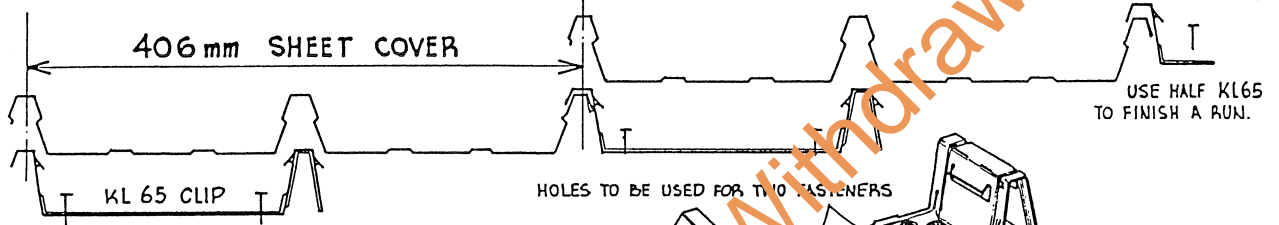


ALLOWABLE WIND PRESSURES AND SPANS FOR ROOFS AND WALLS FIXED WITH

— KLIP-LOK HW USING KL 65 CLIPS — 5 TO 10 m HEIGHTS

MATERIAL SPEC: 0.53, 0.60 AND 0.75 T.C.T. ALUMINIUM/ZINC COATED STEEL TO AS1997-G300-KL150 (COLORBOND & HARVILATE AZ150 COATING)



NOTE: TABLE 1. IS BASED ON CYCLIC TEST CRITERIA AS SPECIFIED IN E.B.S. TECHNICAL RECORD 440. THE ALLOWABLE SPANS AND GIRT SPACINGS, TABLES 2&3, HAVE BEEN OBTAINED BY LINEAR INTERPOLATION OF Pz, TABLE 1, SUBJECT TO MAX. SPAN LIMITATIONS GIVEN IN KLIP-LOK HW BROCHURE — OVERHANGS TO BE 30mm MINIMUM, 300mm MAXIMUM. HEIGHT OF BUILDING IS EAVES HEIGHT

NOTE: KLIP-LOK HW 0.75mm T.C.T. USING KL-65 CLIPS MUST BE SCREW FIXED ONLY

TABLE 1. DESIGN WIND PRESSURE kPa

SPAN mm	0.53 KLIP-LOK HW		0.60 KLIP-LOK HW		0.75 KLIP-LOK HW	
	END SPAN	INT. SPAN	END SPAN	INT. SPAN	END SPAN	INT. SPAN
600	4.2	5.2	5.2	6.5	7.2	8.0
900	2.8	3.5	3.5	4.3	4.8	6.0
1200	2.1	2.6	2.6	3.3	3.6	4.5
1500	1.8	2.0	2.1	2.6	2.9	3.6
1800	—	—	1.8	2.2	2.4	3.0
2100	—	—	1.4	1.9	2.1	2.6
2400	—	—	—	1.6	1.8	2.2
2700	—	—	—	1.3	1.4	2.0
3000	—	—	—	—	1.2	1.7

RECOMMENDED FASTENERS — 2 PER CLIP

SUPPORT MEMBER	NORMAL FASTENER	OVER INSULATION UP TO 100mm THICK	TYPE
STEEL 1.6 TO 2.5 mm THICK	Nº10-16 x 16 WAFFER HEAD SELF-DRILL & TAP SCREW	Nº10-16 x 22 WAFFER HEAD SELF-DRILL & TAP SCREW	
STEEL 2.5 TO 5.0 mm THICK	Nº10-24 x 16 WAFFER HEAD SELF-DRILL & TAP SCREW	Nº10-24 x 22 WAFFER HEAD SELF-DRILL & TAP SCREW	
STEEL OVER 5.0 mm THICK	Nº10-24 x 16 WAFFER HEAD THREAD CUTTING SCREW PREDRILL 4-5 mm	REFER TO L.B.I OFFICE FOR RECOMMENDATION	
HARDWOOD	50 x 3.75 C/SK. HEAD GALV. SPIRAL NAIL, OR Nº10-12 x 25 WAFFER HEAD TYPE 17 WOODSCREW	60 x 3.75 C/SK. HEAD GALV. SPIRAL NAIL, OR Nº10-12 x 35 WAFFER HEAD TYPE 17 WOODSCREW	
SOFTWOOD	Nº10-12 x 35 WAFFER HEAD TYPE 17 WOODSCREW	Nº10-12 x 45 WAFFER HEAD TYPE 17 WOODSCREW	

TABLE 2. ROOF SHEETING MAX. ALLOWABLE SPAN

TERRAIN CATEGORY MULTIPLIER	ROOF AREA NOTATION Pz	0.53 KLIP-LOK HW		0.60 KLIP-LOK HW		0.75 KLIP-LOK HW	
		END SPAN mm	INT. SPAN mm	END SPAN mm	INT. SPAN mm	END SPAN mm	INT. SPAN mm
CAT. 1. 1.09	D 4-85	—	670	—	820	—	1120
	F 6-13	460	550	550	650	730	880
	G 7-41	370	470	470	560	580	750
CAT. 2. 1.00	D 4-08	—	790	—	960	—	1320
	F 5-16	530	620	610	780	850	1060
	G 6-24	470	540	540	640	710	860
CAT. 2½ 0.85	D 2-95	—	1080	—	1350	—	1850
	F 3-73	700	860	850	1070	1160	1440
	G 4-51	580	720	720	870	970	1180
CAT. 3. 0.70	D 2-00	—	1200	—	1800	—	2400
	F 2-53	1020	1200	1240	1550	1700	2150
	G 3-06	840	1050	1040	1300	1430	1770

TABLE 3. WALL SHEETING MAX. ALLOWABLE SPAN

TERRAIN CATEGORY MULTIPLIER	WALL AREA NOTATION Pz	0.53 KLIP-LOK HW			0.60 KLIP-LOK HW			0.75 KLIP-LOK HW		
		SINGLE SPAN mm	END SPAN mm	INT. SPAN mm	SINGLE SPAN mm	END SPAN mm	INT. SPAN mm	SINGLE SPAN mm	END SPAN mm	INT. SPAN mm
CAT. 1. 1.09	C 3-99	650	650	820	800	800	990	1100	1100	1360
	F 4-85	550	550	670	660	660	820	880	880	1120
CAT. 2. 1.00	C 3-36	750	780	940	930	930	1180	1300	1300	1610
	F 4-08	620	620	790	790	790	960	1070	1070	1320
CAT. 2½ 0.85	C 2-43	860	1060	1280	1200	1300	1620	1520	1780	2270
	F 2-95	800	870	1080	1070	1070	1350	1420	1480	1850
CAT. 3. 0.70	C 1-65	1050	1380	1500	1500	1880	2350	1880	2500	3000
	F 2-00	950	1250	1500	1360	1580	2000	1700	2200	2700

SHEET STEEL BUILDING PRODUCTS UNDER ADVERSE CONDITIONS:  
IF IT IS INTENDED TO USE UNCOATED, ZINCALUME, PRIME COATED OR COLORBOND BUILDING PRODUCTS WITHIN 1000 METRES OF SALT MARINE LOCATION OR IN SEVERE INDUSTRIAL ENVIRONMENTS, PLEASE CONTACT YOUR NEAREST L.B.I. SALES OFFICE FOR FREE ADVICE. PERFORMANCE: COMPANY PRODUCTS WILL PERFORM AS SPECIFIED ONLY IF FIXED IN ACCORDANCE WITH RECOMMENDATIONS CONTAINED IN THIS DATA SHEET.

J.L.A. D.M.C. No. 70743

MANUF'S NAME: LYSAGHT BUILDING IND.  
ADDRESS: CNR. COONAWARRA AND BOMBING ROADS,  
WINNELLIE N.T. 5789 PHONE No. 849311

FIXING OF LYSAGHT KLIP-LOK HW WITH KL65 CLIPS IN THE DARWIN AREA.

DESIGN DATA SHEET

CERTIFIED: *[Signature]*  
DATE: 4/3/1988

NORTHERN TERRITORY — CYCLONIC AREAS  
APP'D: *[Signature]* DATE: 20/1/88  
DRAWING No: M / 101 / 26