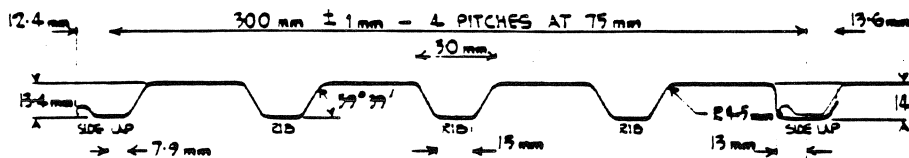


LYSAGHTS EH 300 EASYCLAD PERFORMANCE DATA FOR WIND LOADS.



EH 300 PROFILE

MATERIAL SPEC: 0.77mm BASE THICKNESS STEEL TO AS 1077-C300 COLORBOND OR OTHER SURFACE FINISHES SUPPLIED AS REQUIRED.

HORIZONTAL OR VERTICAL FIXING.

TABLE 1

DESIGN WIND PRESSURE kPa		
SUPPORT SPACING mm	FASTENER SPACING	
	300 mm	150 mm
450	1.2	4.3
600	1.2	3.2
750	1.1	2.6
900	1.0	2.1
1350	0.7	1.4
1800	0.7	1.0

RECOMMENDED FASTENERS.

FIXING TO TIMBER



Nº8x20mm TYPE 17 PANHEAD SELF DRILLING SCREW WITH CROSS RECESS. USE Nº8x20mm FOR 34-TIMBER.

FIXING TO STEEL

1/2 TO 2.5mm THICK



Nº8x16mm SLOTTED PAN HEAD OR CROSS RECESS. TYPE A6 SELF-TAPPING SCREW. PRE-DRILL 3.5mm.

FASTENERS TO JOINT



BUILDUP Nº8-16x25mm HEXHEAD WASHER FACE (HWF) HILTI TEK. SELF-DRILLING SCREW. USE SAME SCREW FOR 34-TIMBER.

1/2 TO 4.5mm THICK



TEKS Nº10x16mm PANHEAD WITH CROSS RECESS SELF DRILLING SCREW.

FASTENING TRIMS TO EH 300



FASTENER NOTES:

1. PREPARED FASTENERS ARE AVAILABLE.
2. FASTENERS Nº 2, 4, 5, 8 REQUIRE POWER DRIVING DEVICES. FASTENERS Nº 1, 3, 6, 7, 9, 10 MAY BE HAND DRIVEN.
3. NEOPRENE WASHERS CAN BE SUPPLIED WITH FASTENERS 1, 2, 3, 5, 7, 8, 9.

TABLE 2 MAXIMUM ALLOWABLE SUPPORT SPACINGS FOR BUILDINGS OF HEIGHT 'h' UP TO 5m IN CYCLONIC AREAS.

TERRAIN CATEGORY	WALL REGION	Cpl	DESIGN WIND PRESSURE kPa	MAX. SUPPORT SPACING mm
CAT. 1	A or C	0	1.71	1280
	F	+0.8	3.99	560
	F	+0.8	2.25	860
CAT. 2	A or C	0	1.71	1280
	F	+0.8	2.25	860
	F	+0.8	1.07	1090
CAT. 2½	A or C	0	1.71	1280
	F	+0.8	2.25	860
	F	+0.8	1.35	1350

TABLE 3 MAXIMUM ALLOWABLE SUPPORT SPACINGS FOR BUILDINGS OF HEIGHT 'h' FROM 5 TO 10m IN CYCLONIC AREAS.

TERRAIN CATEGORY	WALL REGION	Cpl	DESIGN WIND PRESSURE kPa	MAX. SUPPORT SPACING mm
CAT. 1	A or C	0	1.71	1150
	F	+0.8	3.99	490
	F	+0.8	2.56	610
CAT. 2	A or C	0	1.71	1320
	F	+0.8	3.36	580
	F	+0.8	2.16	880
CAT. 2½	A or C	0	1.71	1800
	F	+0.8	2.47	800
	F	+0.8	1.56	1250

NOTES TO TABLES 2 & 3: THE DATA CONTAINED IN TABLE 1 IS BASED ON TESTS CONDUCTED IN ACCORDANCE WITH AS1082-1973. THE DATA OF TABLE 1 IS VALID FOR 2 OR MORE SPANS. THE DATA IS ALSO VALID FOR SINGLE SPANS UP TO 900mm BUT FOR SINGLE SPANS MORE THAN 900mm THE VALUES FOR DESIGN WIND PRESSURE OF TABLE 1 SHOULD BE HALVED. MAX. SUPPORT SPACINGS UP TO 900mm IN TABLES 2 & 3 MAY BE DOUBLED IF 75mm FASTENER SPACING IS USED. THE MAX. SUPPORT SPACINGS OF TABLES 2 & 3 HAVE BEEN OBTAINED BY INTERPOLATION IN TABLE 1.

MANUF'S NAME	JOHN LYSAGHT (AUST) LTD	FIXING OF	LYSAGHT EH 300 EASYCLAD
ADDRESS	CNR. COONAWARRA AND BOMBING ROADS,	PERFORMANCE DATA FOR WIND LOADS.	
WINDWELLIE. N.T. 5789	PHONE NO. 843311	IN THE DARWIN AREA.	
DESIGN DATA SHEET			
CERTIFIED	<i>L. East</i>	NORTHERN TERRITORY - CYCLONIC AREAS	DRAWING NO
DATE	22/10/76	APPROVED	M/204/1

Sheet Steel Building Products Under adverse conditions, if it is intended to use in coastal situations, please contact your nearest LYSAGHTS Office for further information. LYSAGHTS will perform as specified only if used in accordance with the instructions contained in the LYSAGHTS data sheet.