

# ALLOWABLE ROOF SPANS FOR 0.53mm METLOK 500 FIXED WITH 1.0mm THICK CYCLONE WASHERS

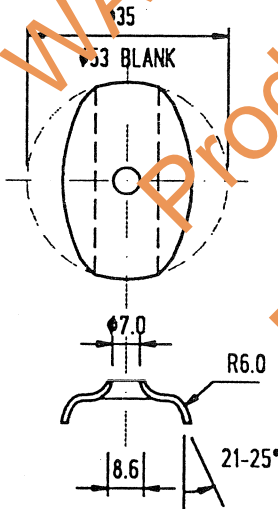
**TABLE 1.**

DESIGN WIND PRESSURE (kPa)					
Frequency of fasteners	End Span mm.			Internal Span mm.	
	600	900	1200	900	1200
Every Rib	6.0	4.3	3.2	5.3	4.0

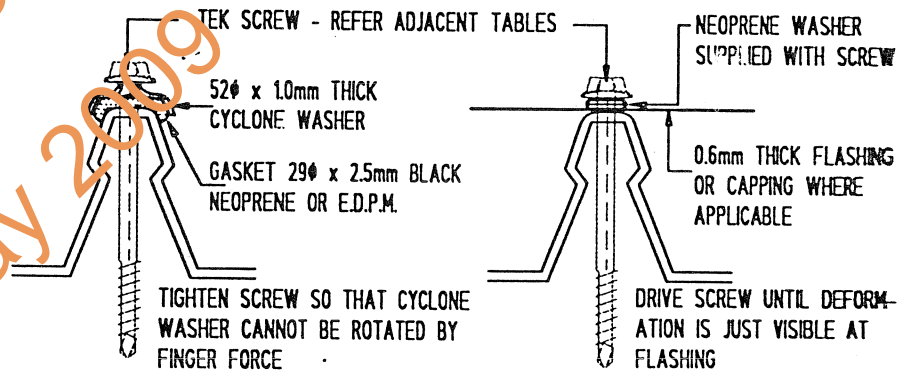
**NOTES ON TABLE 1.**

The table of design wind pressure is to be used wherever cyclic load time criteria applies. The data contained in table 1 is based on cyclic load criteria as defined by the Building Code of Australia N.T. Appendix A.  
Linear interpolation may be carried out for pressures and spans not listed.  
The design wind pressure values of table 1 include the counteracting effect of the dead load of the sheeting.

**CYCLONE WASHER**



**ASSEMBLY OF FASTENERS**



**INTERNAL AND EAVES SUPPORT**

**RIDGE, HIP AND VALLEY SUPPORT**

<b>TIMBER SUPPORTS</b> FOR USE IN TIMBER OF STRENGTH GROUPS J1, J2		NO. 14 - 10 x 75 LONG TYPE 17 HEX HEAD SELF DRILLING SCREW WITH 20mm BUTYL CONE WASHER 6 HOLE
<b>STEEL SUPPORTS</b>		NO. 14 - 10 x 65 LONG
STEEL THICKNESS	PREDRILL	HEX HEAD SELF DRILLING AND TAPPING SCREW
1.6mm to 2.5mm	4.5mm	
2.5mm to 5.0mm	5.5mm	

**DO NO OVERTIGHTEN SCREWS**

**GENERAL NOTES**

- 0.53mm total coated thickness (0.47mm base Zn/Al coated steel to AS1397 - G550)
- Material for cyclone washer 1.0mm thick zinc coated steel to AS1397-G350-Z430, or AZ200.

**MANUF'S NAME** METCLAD METAL ROOFING AND CLADDING PTY LTD  
**ADDRESS** LOT 1130 GEORGINA CR. PALMERSTON  
**PHONE No.** (089) 32 2077

**FIXING OF** ..... Metlok 500  
..... Roofing  
**IN THE DARWIN AREA**

**IRWIN, JOHNSTON & PARTNERS**  
(N.T.) ENGINEERS PTY. LTD.  
CONSULTING ENGINEERS  
82 SMITH STREET, DARWIN 0801  
TEL (089) 1819 0111 FAX (089) 1814 0110

**DESIGN DATA SHEET 2**

DEPT. OF LANDS AND HOUSING BUILDING AUTHORITY BRANCH  
DRAWING. NO. M/114/6

CERTIFIED *[Signature]* M.I.E. AUST

APP'D *[Signature]* DATE 5-4-94.