

ALLOWABLE WIND PRESSURES FOR 0.48 mm INTERLINE CORRUGATED FIXED WITH 40 x 46 x 1.0 mm CYCLONE WASHERS

NOTES ON TABLE 1

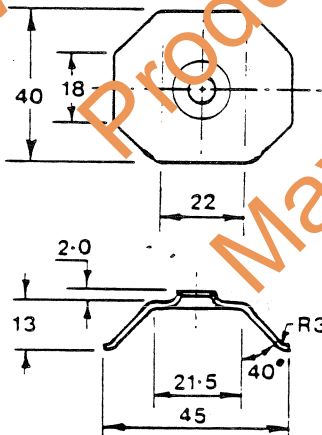
The table of design wind pressure is to be used wherever cyclic load time criteria applies.
 The data contained in table 1 is based on cyclic load criteria as defined by the Northern Territory Building Code.
 Linear interpolation may be carried out for pressures and spans not listed.
 The design wind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

TABLE 1.

| DESIGN WIND PRESSURE (kPa) | | | | | |
|---|-------------|------------|------------------|------------|------------|
| Frequency of fasteners at internal supports. ² | End Span mm | | Internal Span mm | | |
| | 600 | 900 | 600 | 900 | 1200 |
| Every Second Corrugation | 5.8 | 3.9 | 7.2 | 4.8 | 3.6 |
| Every Corrugation | 7.7 | 5.2 | 9.6 | 6.4 | 4.8 |

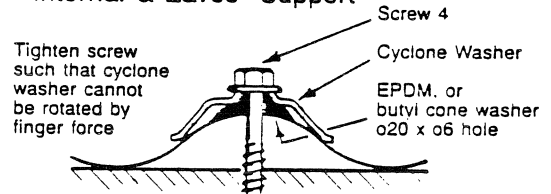
CYCLONE WASHER

Dimensions:— Millimetres



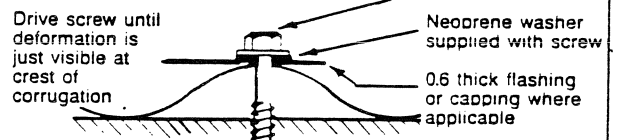
ASSEMBLY OF FASTENERS

A:— Internal & Eaves² Support



Holes through (interline corrugated) must be drilled do not use prick punch

B:— Ridge, Hip and Valley Support



Do Not Overtighten Screws

| | | |
|---|---------------|---|
| Timber Supports | | Type 17 hex head self drilling screw with ϕ 20 butyl cone washer (ϕ 6 hole) No 14 - 10 x 55 mm |
| For use in timber of strength groups J1, J2 or J3 of AS 1720-1979 | | |
| Strength Group J4 | | Type 17 etc No 14 - 10 x 65 mm |
| Steel Supports | | |
| Steel Thk. | Pre Drill | Type 17 hex head No 14 - 10 x 50 mm long |
| 1.6 mm to 2.5 mm | ϕ 4.5 mm | |
| 2.5 mm to 5.0 mm | ϕ 5.5 mm | |
| 5mm - 10 mm | ϕ 6.0 mm | |

GENERAL NOTES

- 0.48 mm total coated thickness (0.42 mm base) Al/Zn coated steel to AS1445-G550-AZ150. Supplied by John Lysaght Australia.
- Frequency of fasteners at edge supports may be at every second corrugation provided that the wind pressure on the adjacent span does not exceed the value listed in table 1. This applies to both every and every second fastener frequency on internal supports.
- Material for cyclone washer: 1.6 mm thick base zinc coated steel to AS1397-G350-Z430, or AZ200.

| | | |
|---|--|------------------------|
| MANUF'S NAME .. The Roofing Centre Darwin | FIXING OF Interline Corrugated | |
| ADDRESS .. Lot 1130 Georgina Cres. | Roofing | |
| Palmerston .. PHONE No (089) 32 2077 | IN THE DARWIN AREA | |
| CERTIFIED .. <i>R.L. Cullen</i> .. M.I.E. AUST R.L. CULLEN, REGISTERED ENGINEER QLD. No. 170S | DESIGN DATA SHEET 2A | |
| | DEPARTMENT OF LANDS BUILDINGS BRANCH | DRAWING No. M/114/2 |
| | APP'D <i>J.R. Gardner</i> | DATE 12/12/86 |