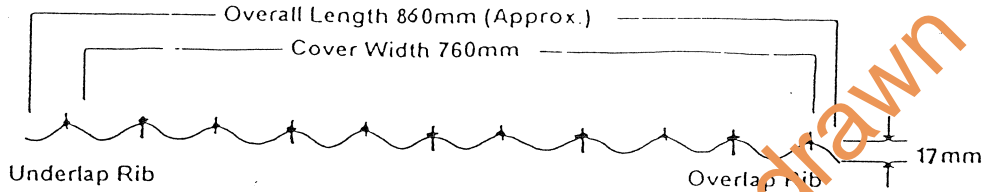


DEEMED TO COMPLY TABLES
for

SUNTUF CORRUGATED - PolyCarbonate Roofing



Material Specification : CORRUGATED Polycarbonate sheet 0.8mm thickness

Testing was carried out in accordance with AS2424-1991 "Plastics Building Sheets - General Installation Requirements And Design of Roofing Systems" with specific modifications in accordance with BCA - NT Specification E1.2(3b)

Wind loads are in accordance with AS 1170.2-1989, "SAA LOADING CODE PART 2 WIND LOADS" and the tables have been calculated for permissible stress wind speeds V_p . The tables below set out the three spans for each terrain category and allow for the local pressure factor K_l as per clause 3.4.5 of AS 1170.2. The racking strength of the cladding should not be included in the design of a structure. Plastic roofing sheets DO NOT provide lateral bracing to roofing purlins or battens. Plastic roof sheeting is NOT suitable for foot traffic ... CRAWL BOARDS MUST BE USED.

RECOMMENDED FASTENERS: CIVILDEX (A Div. of W.A. DEUTSCHER Pty. Ltd.) screws and cyclone washers

Timber Supports	
Strength Class	Self-drilling screw with Cyclone Assembly
SOFTWOOD	No 14-10 x 65 mm Type 17
HARDWOOD	No 14-10 x 50 mm Type 17

Steel Supports	
Steel Thickness	Self-drilling & tapping screw with Cyclone Assembly
3 mm Max	No 14-10 x 42 mm Hi Tek

PERMISSIBLE STRESS DESIGN WIND PRESSURE (kPa)
from test results

SPAN mm	SINGLE SPAN	END SPAN	INTERNAL SPAN
600	--	4.00	--
900	--	--	4.00
1200	--	--	--

WIND LOAD FACTORS :

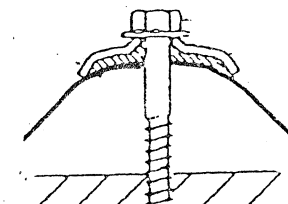
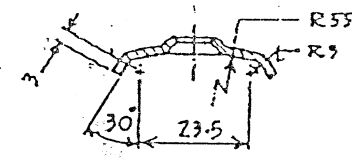
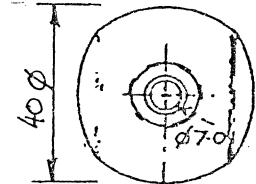
$M_s = 1.00$ $M_t = 1.00$ $M_i = 1.00$
 $K_p = 1.00$ $K_a = 1.00$

TABLES :

REGION C ROOF CLADDING						
height (m)		Terrain Cat	Mz,cat	qz kPa	Kl	pz kPa
6		2.5	0.89	1.54	1.0	2.63
					1.5	3.32
					2.0	4.01
Allowable Span (mm)						
single	end	internal				
--	600	900				
--	600	900				
--	600	900				

REGION C ROOF CLADDING for CARPORTS & VERANDAHS						
height (m)		Terrain Cat	Mz,cat	qz kPa	Kl	pz kPa
6		2.5	0.89	1.54	1.0	2.63
					1.5	3.32
					2.0	4.01
Allowable Span (mm)						
single	end	internal				
--	600	900				
--	600	900				
--	600	900				

These tables are based on testing carried out by CIVILTEST.



WARNING
Product Approval
Withdrawn

Prepared by Acer Hosking Oborn Pty Ltd DATE : 9/9/93 2421/01-T01	<h2>SUNTUF CORRUGATED</h2> <h3>POLYCARBONATE ROOFING</h3> 'TRIMDEK' CYCLONE ASSEMBLIES AT EVERY CREST	DESIGN DATA SHEET DARWIN CYCLONE AREA
		Approved: 21.9.97
		Drwg No : <h1 style="font-size: 1.5em;">M122/2</h1>