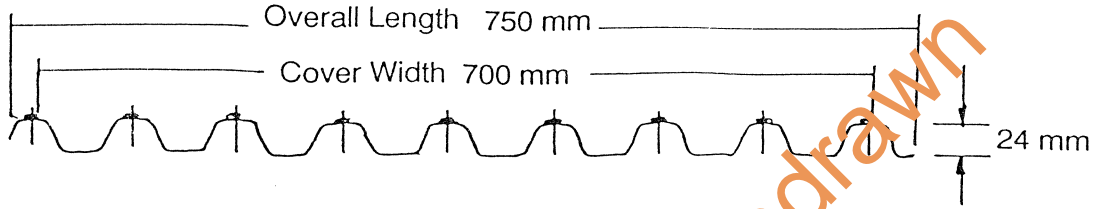


DEEMED TO COMPLY TABLES
for
SUNTUF SPANTUF - PolyCarbonate Roofing



Material Specification : SPANTUF Polycarbonate sheet 1.0mm thickness

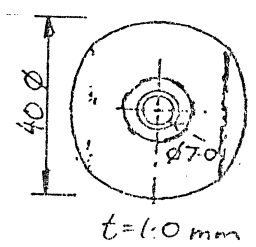
Testing was carried out in accordance with AS2424-1991 "Plastics Building Sheets - General Installation Requirements And Design of Roofing Systems " with specific modifications in accordance with BCA - NT Specification B1.2(3b)

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: DUILDEX (A Div. of W.A. DEUSCHER Pty. Ltd.) screws and cyclone washers

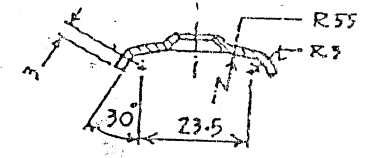
Timber Supports	
Strength Group	Self-drilling screw with Cyclone Assembly
SOFTWOOD	No 14 10 x 65 mm Type 17
HARDWOOD	No 14 10 x 65 mm Type 17

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



PERMISSIBLE STRESS DESIGN WIND PRESSURE (M_a)
from AS 1170.2

WIND SPEED (m/s)	SINGLE SPAN		INTERNAL SPAN	
	SPAN	SPAN	SPAN	SPAN
600	--	--	--	--
900	--	--	--	--
1200	--	--	1.50	--
1500	--	--	--	--

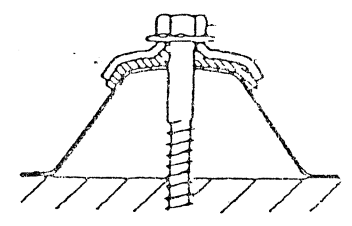


WIND LOCAL FACTORS :
 $M_s = 1.00$
 $K_p = 1.00$

$M_i = 1.00$
 $K_a = 1.00$

TABLES :

REGION C		ROOF CLADDING					Allowable Span (mm)		
$V_p = 57$		$C_{pe} = -0.90$		$C_{pi} = 0.80$			single	end	internal
height (m)	Terrain Cat	M_z, cat	q_z kPa	K_l	p_z kPa				
6	2.5	0.89	1.54	1.0	2.63	--	900	1200	
				1.5	3.32	--	900	1200	
				2.0	4.01	--	900	1200	



REGION C		ROOF CLADDING for CARPORTS & VERANDAHS					Allowable Span (mm)		
$V_p = 57$		$C_{pe} = -1.00$		$C_{pi} = 0.00$			single	end	internal
height (m)	Terrain Cat	M_z, cat	q_z kPa	K_l	p_z kPa				
6	2.5	0.89	1.54	1.0	1.54	--	900	1200	
				1.5	2.32	--	900	1200	
				2.0	3.09	--	900	1200	

These tables are based on testing carried out by CIVILTEST.

Prepared by Acer Hosking Oborn Pty Ltd DATE : 9/9/93 2421/01-T02	SUNTUF SPANTUF POLYCARBONATE ROOFING 'TRIMDEK' CYCLONE ASSEMBLIES AT EVERY CREST	DESIGN DATA SHEET DARWIN CYCLONE AREA
		Approved 21.9.93
		Drwg No : M122/1