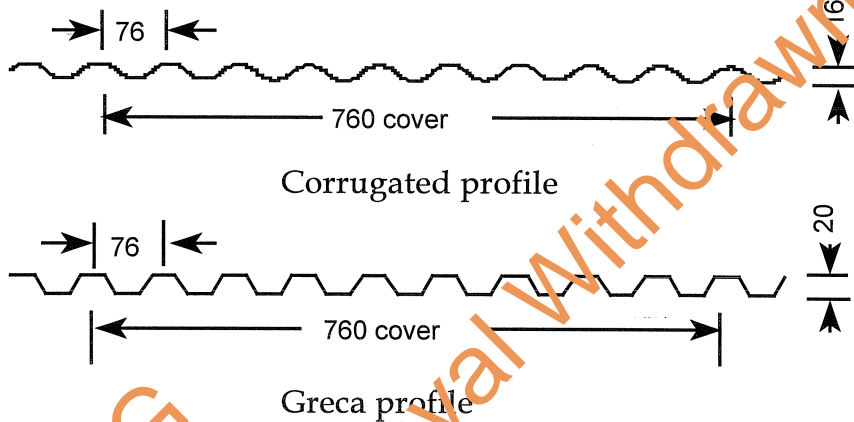


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24/11/2000

0.8 mm ROOFLITE POLYCARBONATE CLADDING



CLADDING and FIXING DETAILS

- Corrugated profile and Greca profile Rooflite polycarbonate cladding must be at least 0.8 mm thick.
- The cladding shall be fastened at every crest or rib.
- An 8 mm diameter hole must be punched at every fixing location.
- Fasteners shall be No 14 x 50 mm hexagonal head Type 17 screws with Trimdek or equivalent cyclone assemblies.
- The test results relate to fixing to hardwood battens. Other battens with appropriate fixings at every crest or rib with Trimdek or equivalent washers may be used provided the batten/fixing combination satisfies the criteria of TR 440 for a PSD load per fastener of at least 200 N.
- Foot traffic acceptable with crawl boards etc.
- Limitation of use or safety mesh required over 3m in height to floor, in accordance with AS/NZS 1562.3.

DESIGN and VERIFICATION

Both Rooflite corrugated profile and Rooflite Greca profile were tested by the Cyclone Structural Testing Station, James Cook University, Townsville, to 10200 load cycles in accordance with specifications of TR 440. The profiles satisfied the test criteria for details shown in Table 1.

Table 1 Design Specifications

Maximum spans (mm)		PSD Design pressure (kPa)
End	600	3.0
Internal	900	2.4

GALAXY ROOFLITE ABN:97 001 446 439 ACN 080 904 436 172 Evans Rd, Salisbury Qld 4107 Ph: 07 3274 6055 Fax: 07 3274 6066	0.8 mm polycarbonate cladding	
	DESIGN DATA SHEET	
Cyclone Structural Testing Station School of Engineering, James Cook University, Townsville 4811 Certified <i>[Signature]</i> M.I.E.Aust. C. P. Eng Date: 16-10-00	Northern Territory Dept of Lands & Housing Building Authority Branch Approved: <i>[Signature]</i> Date: 24-10-00	Dwg No M/132/1