

TECHNICAL DATA SHEET

Products	Laserlite 2000 – Laserlite Apollo – Laserlite XPT
Product composition	Bayer® Makrolon® Polycarbonate resin and heavy duty polycarbonate UV Cap
Roof profiles	Roma (corrugated) - Greca - Trimdek
Nominal thickness	0.8mm
Weight per m2	Roma - 1.10Kg Greca - 1.13Kg Trimdek - 1.11Kg
Colours	19 colours including metallic and heat reflecting
Impact resistance	250 times higher than glass – Exceeds 12 Joules. AS/NZS 4257.6:1994
Tensile strength	65 Mpa. - AS1145.1989
Sand impact test	AS 4040.4:2006 (Pass)
UV resistance	99.9% UV Resistant. ISO 9050 :2003
Cyclone testing	TR 440. Approved for use in the Darwin Cyclonic zone
Resistance to wind pressure for non cyclonic regions	AS 4040.2:2003
Heat and smoke release rates	AS/NZS 3837:1998
Spread of flame propagation	NF P 92-504 does not support spread of flame and is self extinguishing
Radiant Heat test (bush fire)	WRFA Standard: FES 025 C version 2
Temperature operating range	-20° C to +120° C
Softening /melt temperature	135° C (subject to thickness of sheet) NF P 92-505
Durability test	NF P 92-512
Outdoor durability	AS 1745. 1:1989
Dimensional properties	AS/NZS 4257.1:1995
Colourfastness & impact test Following UV exposure	AS/NZS 4257.7:1994
Certification	Standardsmark Product certification Licence number 1811 in relation to AS/NZS 4256.5 ongoing compliance to JAS ANZ Accreditation October 2007

SPECIFICATION

The translucent /transparent roofing and or cladding shall be Laserlite 2000/ Laserlite Apollo/ Laserlite XPT Polycarbonate (select one) in Roma/Greca/Trimdek Profile (select one) and (insert).....colour, Standardsmark Certified, Licence Number 1811

The product should be installed in accordance with AS/NZS 1562, Laserlite technical literature and the NZ Roofing Code of Practice, in a workmanlike manner.

ONLY LASERLITE PROVIDES SECURITY FOR DESIGNERS AND PROPERTY OWNERS



Standardsmark product certification licence number 1811 in relation to AS/NZS 4256.5 ongoing compliance to JAS ANZ accreditation



Suitable for use in bush fire prone areas backed and by CSIRO approval, plus supported by extensive testing



Prevents the transmission of 99.9% harmful UV rays



Loss of light transmission - Lifetime warranty supported by a 5 year weather breakage warranty



Suitable for use in high wind load areas and deemed to comply with the Darwin Cyclone area, certification numbers M/133/1 and M/133/2