

FIBRELITE ECO-LITE 10



Eco-lite 10 is our economically priced General purpose fibreglass sheeting. Eco-lite 10 provides an economically priced sheet with excellent spanning capabilities light transmission and low thermal expansion. Both the exposed and the underside surfaces of Eco-lite 10 are protected by our standard film. This proven system is backed by a 10 year performance Warranty.

KEY FEATURES

- 10 Year Performance Warranty
- Good long term clarity properties
- Resistance to commonplace Chemicals
- Non Delaminating surface technology
- Trimdek & Corrugated profiles

TYPICAL APPLICATIONS

- Industrial & Commercial applications
- Building wall lights
- Nursery & Hot Houses
- Domestic Garages
- Carport & Pergola covers

COLOURS

- Opal
- Clear

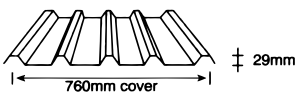
WARRANTY

- 10 year performance warranty
- See your distributor for more details

• Lengths - Custom cut to order • Trimdek & Corrugated

PROFILES

Trimdek



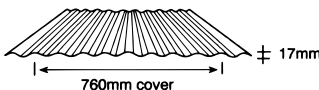
GRADES

2400

COLOURS

opal & clear

Corrugated



2400

opal & clear

Products	Eco-lite 10	
Colours	Opal	Clear
Heat Transmission %	62	68
Light Transmission %	66	72



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WEIGHT CLASS	Grams / sq. metre	2400gsm	3050gsm	3660gsm	4880gsm	Recommended Number of Main Fasteners			
						ROOF		WALL	
PROFILE		Maximum Allowable Span MM							
Custom Orb	1200	1500	1600		4	6	6	6	
Trimdek	1500	1700	2000		5	5	5	5	

Physical Properties	2400gsm
Specific Gravity (gm/cc)	1.45
Modulus of Elasticity (Mpa)	5500
Thermal Expansion 10 cm/cm/C	2.2
Water Absorption	0.2 % in 24 hrs at 26 c
Service Temperatures	-20 to + 90 c
Mechanical Properties	
Glass Content (min)	26%
Barcol Hardness	>50
Tensile Strength (Mpa)	94
Flexural Strength (Mpa)	150
Compressive Strength (Mpa)	135
Shear Strength (Mpa)	90
Impact Resistance	pass

INSTALLATION

In Industrial Applications Install in accordance with AS 2424 - 1991 Plastic Building Sheets - General Installation

Safety Mesh should be used under fibreglass roofing in conjunction with purlin tape in industrial applications. Lapping of sheets should be a minimum of 300 mm and sealed with a continuous suitable non setting sealant across the full width of the sheet.

Fixing of fibreglass GRP for roof applications, each ridge to be fastened. Pre-drill clearance holes 3-4 mm above fixing screw diameter to allow for thermal expansion and contraction for lengths over 5 meters. Weatherlock washers are recommended with all screw fixings.

Warranty conditions

- The product must be installed in accordance with the AS2424/1991 plastic building sheets - general installation requirements and design of roofing systems as well as the manufactures requirements.
- All sheeting should be cleaned a minimum of every 4 months to remove dust and dirt from weather surfaces.
- The sheet shall not come into contact with chemicals that can effect polyester laminates.
- Any sheet failure due to natural disaster eg fire, gale force winds, improper installation and or vandalism are not covered.

- Cost of removal and reinstallation are not covered, however replacement sheets will be granted on a pro-rata calculation, only after the damaged sheets are returned to the manufacturer for assessment.
- The warranty is not transferable and the original proof of purchase must be presented with any claim.
- Delamination is defined as loss of adhesion between the weather film and the base laminate.



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or see your nearest distributor for more information

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