Suntuf Polycarbonate

Product Range - Translucent Roofing

PSP TRANSLUCENT ROOFING

Overview

Suntuf Polycarbonate sheet is an outstanding translucent roofing material that offers superior physical properties that is available in Corrugated & Greca profiles.
Suntuf is the preferred choice in New Zealand for the past 30 years. Hardly surprising when you consider that Suntuf Clear has a light transmission of 90% but cuts out 99.9% of harmful UV rays & is virtually unbreakable. Perfect for verandahs, gazebos, conservatories & as skylights. New to the range is Suntuf LightTech, which lets in 85% of light with reduced glare & Suntuf CoolTech, which dramatically reduced the heat transmission by about 55% compared to Suntuf Clear.

Features

- Lifetime warranty
- Lightweight
- Easy to work & install
- Impact resistant & strong
- Blocks 99.9% harmful UV rays
- Good flammability rating
- Wide service range temperature
- Available in 7.2 metres in length

Applications

- Canopies
- Awnings
- Porches
- Carports
- Pergolas
- Skylights
- Outdoor family areas

PANEL PHYSICAL PROPERTIES

Type	Result
Weight	1.2kg/m^2
UV Performance	Excellent*
UV Blocking	99.9%
Impact Strength	Excellent*
Withstand Hail	2.5cm
Light Transmission	90% (Clear) 43% (Bronze) 35% (Grey) 85% (LightTech) 25% (CoolTech Ice) 20% (CoolTech Grey)
Heat Transmission	89% (Clear) 68% (Bronze) 57% (Grey) 80% (LightTech) 35% (CoolTech Ice) 33% (CoolTech Grey)
Service Temperature	-50°C - +100°C
Expansion/Contraction	Allow 10mm holes for fixing screws
Minimum Recommend Pitch	10°
Minimum Curved Radius	5.29 U Value (W-M2-K)
Thermal Expansion	4m
Fire Rating	Group 1S*
Cleaning	Warm soapy water & soft cloth. Do not wipe when dry.

PRODUCT RANGE/DIMENSIONS

Type	Thickness	Width	Length	Surface
Clear Grey Tint Bronze Tint	0.8mm	860mm - Corrugated 810mm - Greca	1800mm 2100mm 2400mm 2700mm 3000mm 3300mm 3600mm 4200mm 4800mm 6000mm 7200mm	UV 1 Side Gloss/Gloss
LightTech *100% Light Diffusion & Anti-Glare*	0.8mm	860mm - Corrugated	1800mm 2400mm 3000mm 3600mm 4800mm 6000mm 7200mm	UV 1 Side Gloss/Satin
CoolTech Ice CoolTech Grey *Heat Reduction*	0.8mm	860mm - Corrugated 810mm - Greca	1800mm 2400mm 3000mm 3600mm 4800mm 6000mm 7200mm	UV 1 Side Gloss/Satin

COLOUR RANGE *(May not represent the physical product.)*

Clear | Grey Tint | Bronze Tint | LightTech | CoolTech Ice | CoolTech Grey