

Standard Product Ranges

Thickness (mm)	1, 1.5, 2, 3 & 4
Length	1 m to 5 m
Colour Tints	Clear, Blue, Green & Opal

Basic Product Features

 Tensile strength
 :85 N/mm¹

 Flexural strength
 :140 N/mm²

 Impact Strength,4J
 :75 mJ/mm²

 Shear strength
 :70 N/mm²

 Elastic Modulus
 :8000 N/mm²

 Flexural Modulus
 :6000 N/mm²

Hardness (Barcol) : 40

Thermal conductivity : 0.145 W/mK

Thermal expansion coefficient : 24 x 10.6 m/°C

Heat transmission factor : 0.25 k cal/m. h. °C

Operating Temperature :-20°C to +90°C

 $Water \ absorption \\ : 0.3\% \ by \ mass \ after \ 24hrs. \ at \ 22/^\circ C$

Transmission of Light : Varies between 65% - 80% with thickness & colour

SINGLE LAYERED

Cover Width

Line Width

CAUTION: Skylight are generally unsuitable for foot traffic but be specially made to meet this requirement.