

SUNTUF® EZ GLAZE-50-LP-AU-Data Sheet

Profile: (22-600-673)

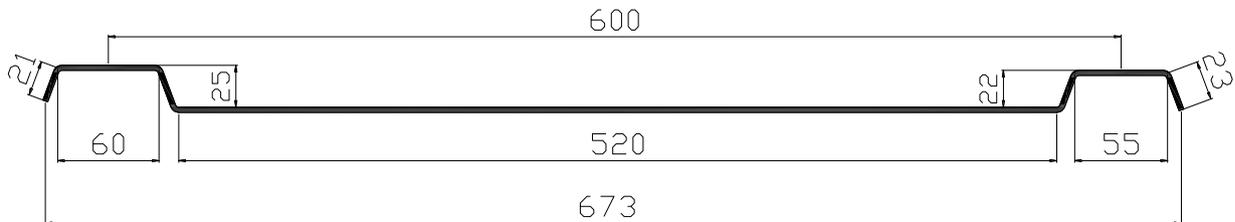


30/01/2024

Product Description:

- SUNTUF Co-extruded UV protection on one side.

Profile drawing:



General properties:

Profile (mm)	Thickness (mm)	Length (m)	Overall width (mm)	Cover Width (mm)	Side-Lap (%)
600/22	3.0	2.0 - 7.0	673	600	10

Load / Span Data

* Suntuf EZ-GLAZE withstand loads of 4.0 Kpa.
Distance between rafters is 600mm.

- The specified dimensions do not supersede the requirements of local construction codes.
- Deflection criterion is L/20, and minimum slope of 3° (5.25%)
- The maximum load is based on calculation model and practical testing.
- The mentioned load refers to wind and snow load only.

Curved roof

- Minimum curving radius – 10 m.

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Typical Properties

Property	Standard	Conditions	Unit	Value
Density	ASTM D792	-	g/cm ³	1.2
Heat Deflection Temperature	ASTM D648	1.82 MPa	°C	130
Service Temperature (Short term) Service Temperature (Long term)	-	-	°C	-50 to 120 -50 to 100
Coefficient of Linear Thermal Expansion	ASTM D696	-	cm/cm °C	6.5 X 10 ⁻⁵
Thermal Conductivity	ASTM C177	-	W/m K	0.21
Tensile Strength at Yield	ASTM D638	10 mm/min	MPa	62
Tensile Strength at Break	ASTM D638	10 mm/min	MPa	65
Elongation at Yield	ASTM D638	10 mm/min	%	7
Elongation at Break	ASTM D638	10 mm/min	%	>90
Tensile Modulus of Elasticity	ASTM D638	10 mm/min	MPa	2300
Flexural Strength	ASTM D790	1.3 mm/min	MPa	93
Flexural Modulus	ASTM D790	1.3 mm/min	MPa	2600
Impact Falling Weight (E-50)	ISO 6603/1	3mm sheet	J	158
Rockwell Hardness	ASTM D785		R Scale	125R
Light Transmission	ASTM D1003	Clear	%	90
Haze	ASTM D1003		%	<0.5
Yellowness Index	ASTM D1925			<1

*Please refer to technical guide for more details.