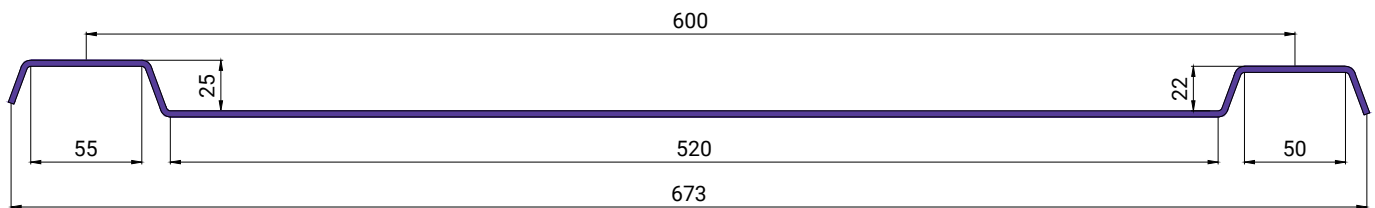


## Suntuf EZ Glaze

### Description

Suntuf EZ Glaze (EZ Glaze) is a polycarbonate roofing system with a glass-like finish. Featuring a profiled rafter-fit design, the panels have ribs that are overlapped and screw-fixed to the supporting timber rafters using PSP's Suntuf stainless steel fixings with EPDM washers.

### Profile Drawing



### Features

- Lightweight
- Fits directly over rafters
- Hail & impact resistant
- 99.9% UV Protection (co-extruded UV protection on one side)

### Scope of Use

- EZ Glaze is intended as an exterior roofing system for open-sided porches, verandas, or free-standing structures.
- EZ Glaze is supplied with stainless steel fixings that are suitable for use in coastal and corrosive environments. The roofing system is suitable for use in all exposure zones as specified in Section 4.2 in [NZS 3604:2011](#).
- When installed over a supporting timber structure:
  - The timber structure must comply with the NZBC (New Zealand Building Code) or where existing, be of equivalent stiffness to the framing provisions as specified in Section 9 in NZS 3604:2011.
  - The timber rafters must be 40-50mm in width, installed at 600mm centres.
  - The timber rafters must be at a minimum pitch of 5 degrees.
  - The timber rafters must be installed perpendicular (90°) to the support beams and all running parallel to each other.

### Limitations

- EZ Glaze is intended for outdoor areas where full weather tightness is not required. Where flashings are required, consult a Licenced Building Practitioner (LBP) for advice.
- EZ Glaze is supplied with proprietary PSP Suntuf 55mm Roof Fixings with EPDM washers designed for timber framing.
- If the area of your veranda/porch is more than 20m<sup>2</sup>, refer to Section 6.3 at [building.govt.nz](#) or consult a LBP.

## Product Range

Colour	Thickness	Width	Length
Clear	3mm	673mm	2400mm
			3600mm
			4800mm
Grey Tint	3mm	673mm	2400mm
			3600mm
			4800mm

## Additional products:

- Noise Reduction (Foam) Tape - 2500mm rolls, 24mm width, 3mm thickness
- PSP Suntuf 55mm Roof Fixings (Stainless Steel) with EPDM Washers

## Physical Properties

Density	1.2 g/cm <sup>3</sup>	ASTM D792
Heat Deflection Temperature	130 °C	ASTM D648
Light Transmission	90% (Clear) 20% (Grey)	-
Solar Heat Gain Coefficient (SHGC)	0.86 (Clear) 0.44 (Grey)	-
Service Temperature	-50 to 100 °C	-
Coefficient of Linear Thermal Expansion	6.5 x 10 <sup>-5</sup> cm/cm °C	ASTM D696
Thermal Conductivity	0.21 W/m K	ASTM C177
NZ Fire Rating	Group Number 1-S	ISO 9705:1993

## Basis of Product Data

All technical data stated in this Product Data Sheet are based on testing of EZ Glaze (Profile 22-600-673) provided by the manufacturer: SUNTUF® EZ GLAZE-50-LP-AU-Data Sheet [12/09/2023]; PALRAM EZ Glaze Glass-like Profiled Polycarbonate Sheet [87733 - 11.2023].

*Local Restrictions: please note that as a result of specific local regulations the performance of this product may vary from country to country.*

## Additional Information

The system must be designed, specified, installed, and maintained with all of PSP Limited requirements. Details may be subject to change without notice, for the latest design, installation, and maintenance-related information, refer to [www.psp.co.nz](http://www.psp.co.nz).