



# Guaranteed Acrylic



Guaranteed Acrylic is manufactured from 100% virgin MMA. The product is cast with a particular emphasis on the polymerization process. Guaranteed Acrylic has outstanding UV performance in almost any exterior application from architectural glazing to boat windscreens. This product is also available cut to size.

## Features

- 30 year warranty for clear & 10 years for tints
- High clarity & light transmission
- Weather & UV resistant
- Easy to thermoform
- Easy to fabricate
- Lightweight
- Strong

## Applications

- Architectural glazing
- Skylights
- Aquariums
- Signage
- Point of sale
- Boat windscreens
- Museum displays
- Furniture & joinery

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



PRODUCT RANGE/DIMENSIONS		
Type	Thickness	Length & Width
Clear	3.0mm	3050mm x 2030mm
	4.5mm	
	6.0mm	
	8.0mm	
	10.0mm	
Light Grey Tint Dark Grey Tint Light Green Tint	4.5mm	3050mm x 2030mm
	6.0mm	
	8.0mm	
	10.0mm	

PANEL PHYSICAL PROPERTIES	
Type	Result
Density	1.19g/cm <sup>3</sup>
Weight (3.0mm)	3.69kg/m <sup>2</sup>
Gauge Tolerance	+/- 8%
Light Transmission	92% (Clear)
Service Temperature	80°C
Vicat Softening Temperature	115°C
Forming Temperature	160°C - 175°C
Minimum Cold Bending Radius	330 times the sheet thickness
Expansion/Contraction Rate	5.0mm/m
Fire Rating	Group 4
Cleaning	PSP Cleaner or warm soapy water & soft cloth.

**NOTE:** Uncontrolled in printed format.