



IMPACT MODIFIED EXTRUDED ACRYLIC

Tough, Reliable & Versatile. **Impact Modified Extruded Acrylic** is designed for superior strength and durability while maintaining the clarity and visual appeal of standard Acrylic. Formulated with enhanced impact resistance properties, it offers up to ten times the toughness of conventional Acrylic, making it the ideal solution for demanding environments. Lightweight, weather-resistant and easy to fabricate, **Impact Modified Extruded Acrylic** is perfect for protective screens, signage, glazing and outdoor applications where safety and longevity matters.

KEY FEATURES

- Superior impact resistance
- Lightweight
- Easily fabricated, thermoformed or polished
- Optical clarity & high light transmission
- High surface hardness
- Chemical resistance to common acids
- Excellent weatherability

PRODUCT APPLICATIONS

- Protective screens
- Glazing
- Exterior & interior signage
- Commercial & retail fit-outs

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

GENERAL	RESULTS
Weight (3mm)	3.57kg/m ²
Relative Density (ISO 1183)	1.19cm ³
Light Transmission (Clear colour)	92%
Cleaning: Warm soapy water & soft cloth	
MECHANICAL	
Tensile Strength (ISO 527.2)	55Mpa
Flexural Strength (ISO 527.2)	85Mpa
THERMAL	
Service Temperature (EGR TDS)	70°C
Vicat Softening Temperature (ISO 306)	98°C
Flammability (AS/NZS 3837:1)	Group 4

PRODUCT RANGE

COLOUR	GAUGE	SIZE
Clear	3mm 4.5mm	2540x1270mm (50% Impact Strength)
	3mm 4mm	3300x2050mm
	6mm	3050x2050mm
Opal	3mm 4.5mm	2540x1270mm (50% Impact Strength)
	3mm 4mm	3300x2050mm

