



SHINKOLITE CONTINUOUS CAST ACRYLIC

Shinkolite® Continuous Cast Acrylic Sheet has many of the excellent properties of cell cast acrylic. Continuous cast does however display advantages over cell cast acrylic with closer thickness tolerances, longer lengths sheets, easier formability and superior optical quality.

KEY FEATURES

- Tight thickness tolerance
- Better impact strength than glass
- Easily fabricated, thermoformed or polished
- Optical clarity & lightweight
- High light transmission (clear colour)
- Chemical resistance to common acids
- Excellent weatherability & UV resistance

PRODUCT APPLICATIONS

- Glazing & protective screens
- Picture framing
- Light diffusing panels
- Marine windscreens
- Skylight & domes
- Fish tanks
- Safety guards

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

GENERAL	RESULTS
Weight (3mm)	3.57kg/m ²
Density	1.19g/cm ³
Water Absorption (ISO 62/1)	0.3%
Light Transmission (Clear colour)	93%
Cleaning:	Warm soapy water & soft cloth
MECHANICAL	
Tensile Strength (ISO 527-2)	75MPa
Flexural Strength (ISO 178)	3200MPa
THERMAL	
Thermoforming Temperature	120~160°C
Heat Distortion Temp (ISO 75-2)	96°C
Co-Efficient (JIS K7 197)	7x10-5

PRODUCT RANGE

COLOUR	GAUGE	SIZE
Clear	1.5mm	2540x1380mm
	2mm	2440x1220mm
	3mm	2440x1220mm 2540x1370mm 2763x1905mm
	4.5mm	2540x1370mm 2540x1380mm
	6mm	2440x1220mm 2540x1380mm
	10mm	2440x1220mm
Grey	3mm	2763x1905mm
Green	4.5mm	
Museum Grade NF30 99.9% UV Filter	3mm 4.5mm	3000x1370mm

Cut to size available upon request

