



SHINKOLITE CONTINUOUS CAST ACRYLIC

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

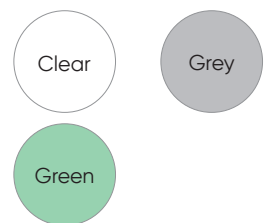
KEY FEATURES

- 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% UV Filter | 3mm 4.5mm | 3000x1370mm |
| Cut to size available upon request | | |

