



ABRASION RESISTANT POLYCARBONATE

Abrasion Resistant Polycarbonate is a sheet that offers higher abrasion resistance and surface hardness while providing a glass-like transparency. **Abrasion Resistant Polycarbonate** features a proprietary hard-coat technology for protection against vandalism, chemical and harsh UV rays, resulting in the ultimate blend of clarity, strength and durability for high-traffic applications.

KEY FEATURES

- 10 year warranty
- Outstanding impact strength
- Highly resistant to breakage compared to glass
- Hard-coated surfaces
- Excellent optical clarity
- UV & weather resistant
- High chemical & abrasion resistant

PRODUCT APPLICATIONS

- Protective & security glazing
- Machine guards
- Safety shields
- Signage & display covers

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

| GENERAL | RESULTS |
|---|-----------------------|
| Weight (9.5mm) | 11.4kg/m ² |
| Relative Density | 1.2g/cm ³ |
| Cleaning: Warm soapy water & soft cloth | |
| MECHANICAL | |
| Tensile Strength | 9,500psi |
| Flexural Strength | 13,500psi |
| THERMAL | |
| Service Temperature | 50-100°C |
| Vicat Softening Temperature | >115°C |
| Expansion/Contraction Rate | 3mm/m |
| Flammability | Group 1S |

PRODUCT RANGE

| COLOUR | GAUGE | SIZE |
|---|--------|-------------|
| Clear | 6mm | 2440x1830mm |
| | 9.5mm | |
| 12.7mm | | |
| Grey Tint | 12.7mm | |
| Cut to size available upon request Green Tint colour available on indent | | |

