Acrylic High-Impact

High impact Acrylic

Description

High impact acrylic is a modified acrylic sheet that is created to have much higher impact resistance than standard acrylic.

Along with having High impact, this modified acrylic has excellent light transmission and weather ability.
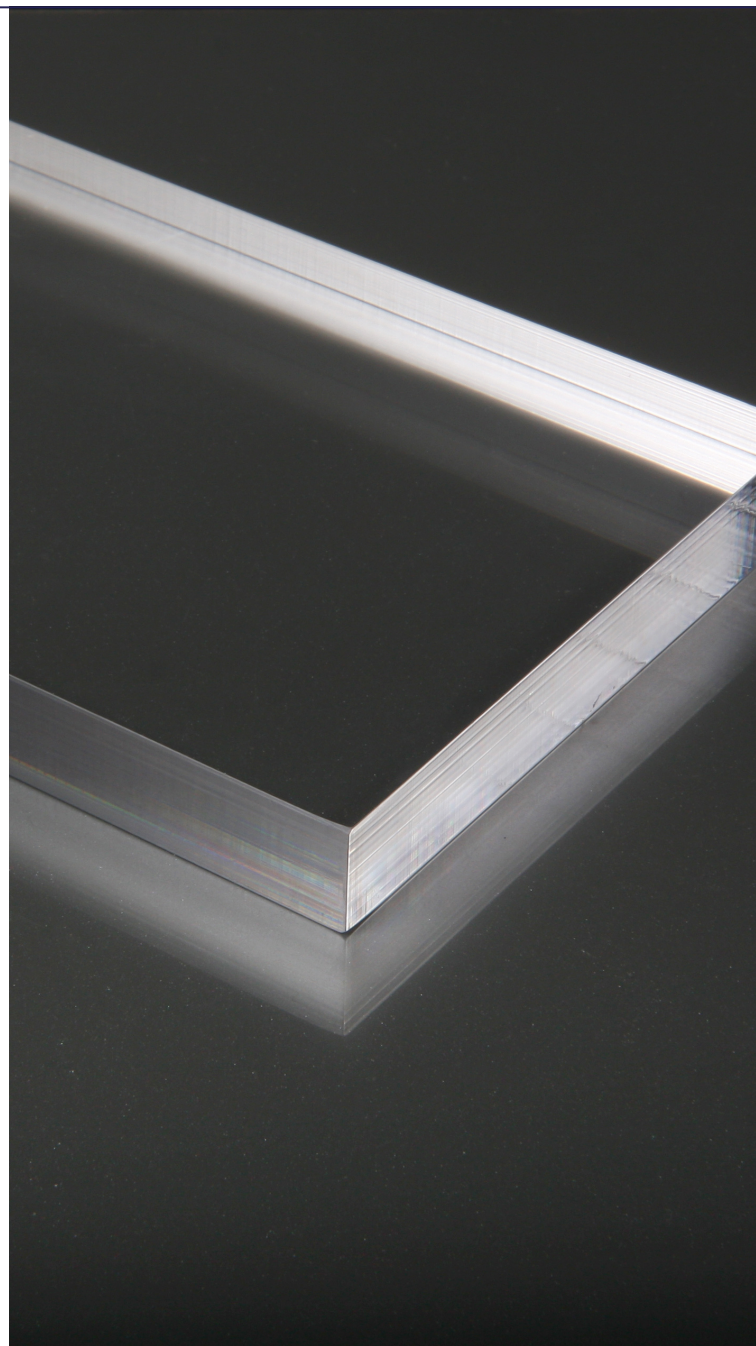
Uses

High impact acrylic is used widely for both indoor and outdoor uses. Common applications include:

- Security glazing
- Machine Guards
- Forestry Machinery
- Point of sale display
- Bulk food bins

Basic info

✔ UV and weather resiistant

✔ High impact strength

✔ Lightweight

✔ Easy to cut, saw, drill and form

✔ Easy to cut, drill and install

✔ Able to withstand a wide range of chemicals

High Impact Acrylic

Availability

Colour	Gauge mm	Sheet size mm
Clear	3.00	2450 x 1270
		3300 x 2050
	4.00	2450 x 1270
		3300 x 2050
	6.00	2450 x 1270
		3300 x 2050
Opal	3.00	2450 x 1220
		3300 x 2050
	4.00	3300 x 2050

Cebelio carries a large range of acrylic however, we are able to source , thicknesses and finishes by request.

Bulk food bins

Technical Properties

Type	Result
Density	1.19g/cm²
Weight (3mm)	3.69kg/m²
Gauge Tolerance	+/- 2%
UV Performance	Excellent
Abrasive Resistance	Fair
Impact Strength	Excellent
Light Transmission (clear)	91%
Service temperature	70°C
Vicat Softening Temperature	100°C
Forming Temperature	140° - 150°C
Minimum Cold Bending Radius	210x the sheet thickness
Expansion/ contraction rate	5mm/m
Fire Rating	Group 4
Cleaning	Vu-Plex cleaning spray or warm water & soft cloth

Contact

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