

PROTECTIVE SCREEN: SAFETY AND AESTHETICS

Cast and extruded acrylic sheets

For shop cashiers, public areas, bus & taxi drivers, offices, shops, restaurants, laboratories, research centers, hospitals, etc.

[more information on altuglas.com](http://altuglas.com)

Key benefits for ALTUGLAS™ acrylic sheets

	Extruded Sheets		Cast Sheets families			
	ALTUGLAS™ EX	ALTUGLAS™ EX impact	Classic Fashion Illumination	Protection		
				ALTUGLAS™ Essential	ALTUGLAS™ Impact	SHIELDUP™
Lightness (density)	1.19	1.19	1.19	1.19	1.18	1.17
UV resistance	+++	+++	+++	+++	+++	+++
Fire classification	E	E	E	E	E	E
Transparency	+++	+++	+++	+++	+++	+++
Scratch resistance	+	+	+	+	+	+
Thermoformability	+++	+++	++	++	++	++
Repolish	+++	+++	+++	+++	+++	+++
Machining (with same tool)	+	++	++	++	++	+++
Cleaning agent aggressiveness resistance						
• Soap water	+	++	+	+	++	+++
• Isopropanol (used in hydro alcoholic gel)						
• White Spirit						
Impact resistance	+	++	+	+	++	+++

* Extruded sheets are available in clear, opal and black but only in clear for the Impact grade

ALTUGLAS™ CAST SHEETS FAMILIES AND RANGES



To decorate and create ambiances

CLASSIC

- ❖ **ClearWhite** – From clear to different opal and opaque whites
- ❖ **Transparent Colours**
- ❖ **Smoke** - From grey to brown tinted sheets

ILLUMINATION

- ❖ **Fluo** - Transparent fluorescent product with an edge 'glow' effect
- ❖ **Soft Fluo** - Transparent product in soft pastel colour tones with a bi-chromatic effect
- ❖ **Colours** - Diffusing or opaque colored sheets

FASHION

- ❖ **Dual Satin / Mono Satin** - One or two matt faces (and a glossy one) for a smooth touch and look
- ❖ **Signature** - Fabrics imbedded inside the PMMA sheets.
- ❖ **Metallic & Iridescent** - 18 spectacular effects with this shining or iridescent sheets.

PROTECTION

- ❖ **Essential** – five times more resistant to chemicals such as solvents and alcohols
- ❖ **SHIELDUP™** is a range of nanostructured acrylic sheets strengthened for a better impact, temperature and chemical resistance
- ❖ **Impact** – with excellent impact resistance properties

All ALTUGLAS™ acrylic sheets can be easily thermoformed, bent, cut, drilled and glued and are available in different thicknesses see our catalogue