

ALTUGLAS®

Transparency and light transmission, toughness and light weight... The unique properties of Altuglas® PMMA have made this acrylic glass a material much sought after by contemporary artists and renowned architects alike. From Jean Nouvel to Italo Rota to street artist Gad Weil, they have all put their trust in Altuglas® to meet their requirements and turn their designs into reality. Colorful exhibits, amazing installations and aerial creations: discover the stunning artistic partnerships of Altuglas International.

AUTOMOTIVE AND AEROSPACE

Altuglas® PMMA offers characteristics that meet the latest challenges in the transportation sector. Half the weight and more transparent than glass, Altuglas® polymethyl methacrylate provides crystal clear visibility.

Altuglas® acrylic glass is the best alternative to glass for vehicle windows. It has become a standard material for designers of cars, motorcycles, caravans and other vehicles.

Altuglas® PMMA is used in many applications for automotive lighting:

- indicators
- light wells
- optical lenses for headlights

Altuglas® PMMA sheet can be found on all types of airplanes (gliders, recreational/commercial/military aircraft):

- cockpits
- portholes
- windshields
- exterior lighting
- helicopter windscreens

Altuglas® PMMA is the preferred product for aerospace windows thanks to:

- Resistance to chemicals, heat, cracking, shock, weather and temperature fluctuations
- Good long-term mechanical performance
- Superior surface quality (minimum impurities)
- Hardly any optical distortion or deviation

RETAIL

Altuglas® acrylic glass is an outstanding choice for meeting all your needs in marketing, sales outlets and display panels.

Cosmetics displays, perfume testers, display windows, aisles, counters, shelving units and projection screens, sales is becoming entertainment.

Layout is crucial for attracting attention to your products. Subtle, totally transparent or in colour, Altuglas® acrylic glass shows off the product on display like a rare gem in a priceless jewellery case.

LIGHTING

Altuglas® acrylic glass magnificently harnesses both natural and artificial light. Thanks to its exceptional transparency and better light diffusion than glass, Altuglas® optimises light rays and spreads them out evenly. Its amazing optical properties make it the best material for the lighting.

Lamps

Thanks to its remarkable transparency and light diffusion – not to mention heat-resistance – Altuglas® PMMA plays a key role in lamp manufacturing.

LEDs

Always on the lookout for advances and ways to save energy, Altuglas® is developing the ideal products for LEDs with an optimised formulation that evenly diffuses as much light as possible.

Sky Lights

Altuglas® PMMA has deflecting properties that lower the heat transmitted by skylights. This reduces energy costs and is very aesthetically pleasing.

BATHROOM

Altuglas® sheet for the wellness market is specially designed for baths and showers. A high-quality material that guarantees safety, durability and heat/sound insulation.

Bathtubs and showers

The huge selection of Altuglas® sanitary PMMA means your bathtubs and showers provide optimum safety, exceptional longevity, excellent sound insulation and long-lasting heat insulation.

Panels and fittings

The properties offered by the Altuglas® sanitary acrylic sheet range pinpoint the needs of bathtub and shower applications.

Shower cabin doors

Shower areas in gyms and spas are really put to the test and call for a high-performance material to ensure they last a long time. Learn about the Altuglas® sanitary sheet range.

SIGNAGE

Altuglas® acrylic glass is the perfect material for visual communications. Stylish, luminous, colourful and easy to maintain, it takes any shape and comes in an infinite array of colours and finishes.

Signs

Signs are one of the leading sectors for Altuglas® acrylic sheet. It is used worldwide and by providing the ideal lighting material, it has a direct hand in revolutionising how our cities look.

Museum casings

Altuglas® sheet is designed to create the ideal conditions for protective windows in museums and galleries. Low-reflection and subtle, they perfectly complement the colours and contours of the artwork on display.

ELECTRONICS AND ENERGY

Innovation is what drives the electronics and energy sector. Altuglas® offers an extensive product range that can satisfy needs that are as diverse as they are exacting.

Back light unit and screens

Competition is fierce in the electronics industry as companies seek out pioneering high-performance products. The superior properties of Altuglas® products make it one of this sector's top choices.

Back light unit of LCD TV

With unequalled transparency, Altuglas® PMMA also offers highly compelling features for TV and video equipment applications. Not only is it lightweight and resistant, it also protects against chemical aggressions.

Solar

Altuglas® PMMA is exceptionally stable in sunlight, so it is commonly used on solar panels and structures instead of glass.

ARCHITECTURE AND CONSTRUCTION

Acrylic glass is all around us in windows, doors, acoustic barriers, urban furniture, aquariums, etc. The features of Altuglas® resins and sheet meet the requirements for exterior applications!

Doors and windows

The optical qualities and resistance (impact, UV, weather) of Altuglas® products makes it a top choice for designing windows, doors and door panels.

Door canopies and balustrades

With its UV resistance, amazing transparency and easy machining capabilities (even for complex shapes), Altuglas®PMMA meets the constraints for door canopies and balustrades.

Noise barriers

The sound insulating characteristics of Altuglas® PMMA means it can be used to design noise barriers.

Aquarium and structural panels

Acrylic glass is extremely resistant to impact and abrasion but it is also known for its exceptional transparency that provides an unforgettable viewing experience when it comes to aquariums.

Facades

The properties of Altuglas® PMMA offer some amazing options for facades. Blend shape, colour and light for results that are both stylish and durable.

Street furniture

From newsstands to bus shelters, the benefits of acrylic glass do great things for urban furniture. Highly transparent, sturdy, stable, UV-resistant and easy to machine.

