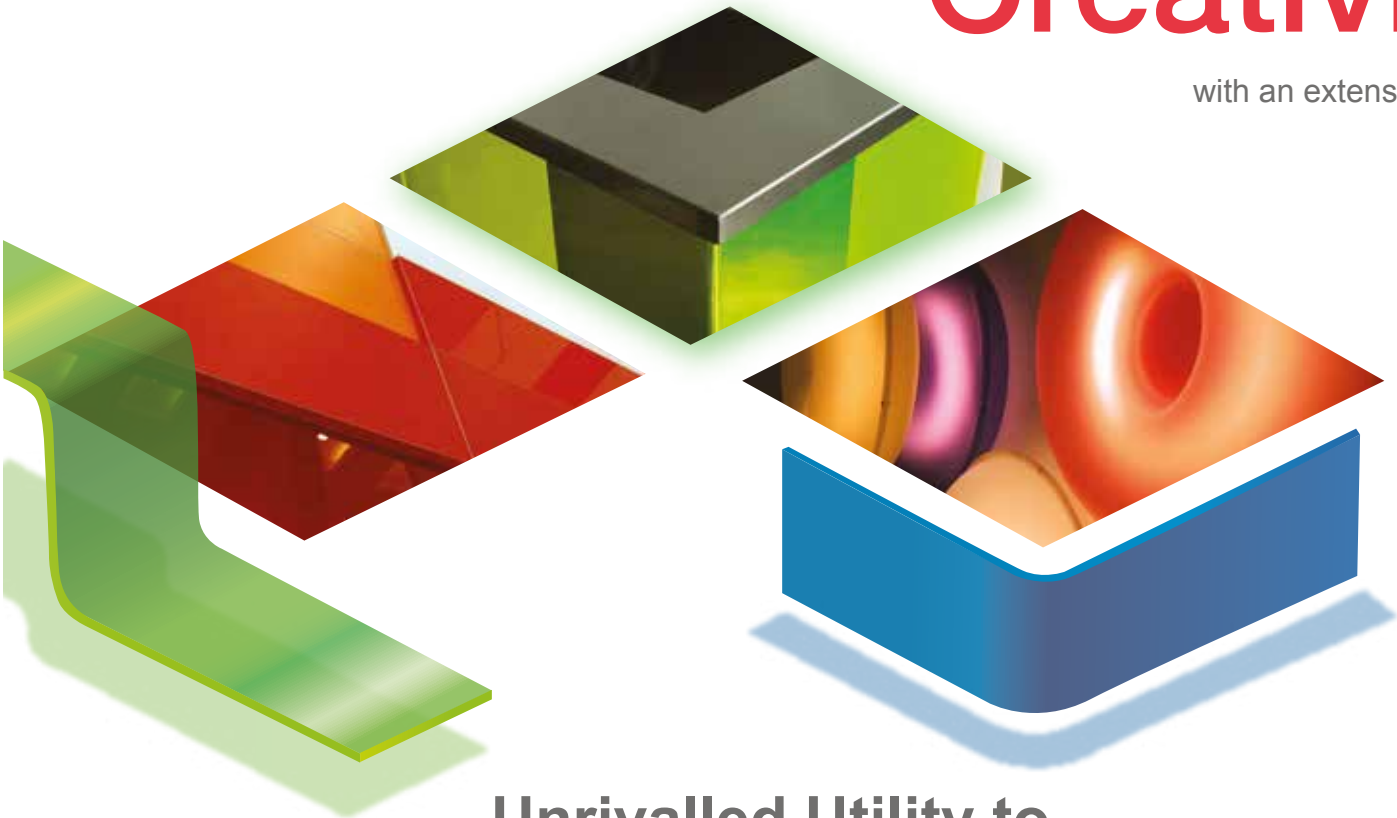


Empower your
Creativity

with an extensive range



Unrivalled Utility to Match your Creativity

Perspex SA supply a full range of products in an exciting selection of colours and finishes for creative interpretation by architects, specifiers, interior designers, furniture designers, shopfitters, brand architects and graphic designers. This extensive range includes Perspex® Cast Acrylic in a multitude of interesting effects, Extruded Acrylic, Multiwall Polycarbonate, Alupanel® and LED Solutions - all of which are sourced from leading local and international manufacturers.

Whether it's creative flooring and roofing or an imaginative, eye-catching piece of furniture, LED lighting or signage design – Perspex South Africa offer solutions. An expert sales and technical team will advise and explain the forming and fabrication capabilities of respective materials.

Perspex® Cast Acrylic

Aquaria | Architectural – Fittings and features | Balustrades | Civil aviation | Cladding | Flooring
Furniture | Glazing | Interior décor | Lighting | Partitioning | POS | Shopfitting | Signage | Skylights

Perspex® Cast Acrylic is consistent, high quality, durable and available in clears, tints, opals and a wide range of colours and finishes. Its infinite flexibility enables designers to accentuate and enhance the look and feel of brands and improve material design functionality.

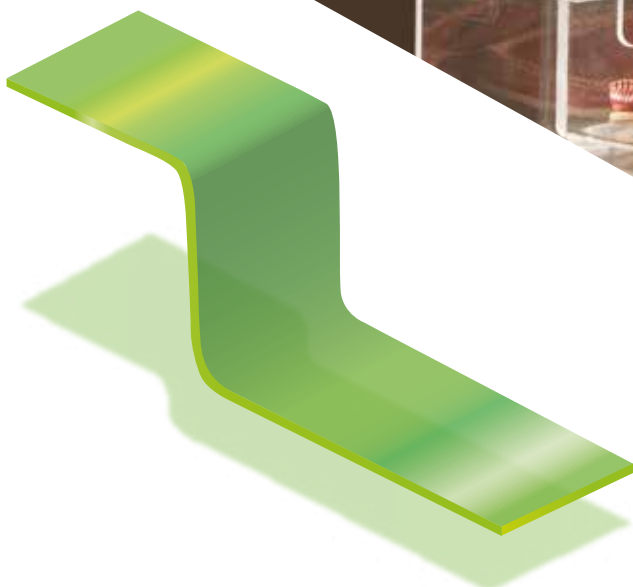
Complementing Perspex SA's extensive range, EcoShare IR products include an innovative, reflective component distributed uniformly throughout the sheet, which reduces heat penetration through windows and skylights. This results in lower energy costs and reduced environmental impact.

Perspex® Cast Acrylic can be:

- Laser, CAD or CAM cut
- Milled, drilled and sawn
- Cemented and assembled
- Screen printed and engraved
- Shaped and machined
- Thermoformed and bent
- Polished and routed
- Drape formed and pre-formed

Perspex® Cast Acrylic features:

- Excellent resistance to outdoor weathering
- Exceptional light transmission with no inherent edge colour on clear material
- More transparent than glass with 92% light transmission and half the weight of glass
- Fire retardant thermal properties ensure burning Perspex produces little smoke and does not promote the spread of fire. Perspex® Cast Acrylic Fire Rating: Class 3
- Low density, making it lightweight and economical
- Good scratch and chemical resistance
- Can be cold bent within certain limits
- 17 times stronger than glass
- High gloss, hard surface
- Durability / long lifespan
- Good thermoformability
- Fully recyclable
- Easy to clean
- UV Stability



Perspex® Clear Acrylic Sheet

Achieve a long-lasting result that continues to shine with Perspex® Clear Acrylic Sheet. It is ideal for use in glazing applications and superior to glass because it:

- transmits 92% of all visible light
- is half the weight of an equivalent sheet of glass
- is exceptionally strong, making it safe and more economical to transport and install
- is flexible and easy to thermoform and tint
- has excellent weatherability; a high gloss and is easy to clean

Perspex® Cast Acrylic Opals

Perspex® Opal acrylic sheets elegantly reflect and diffuse light to create stunning visual effects. From dense to highly translucent whites, different grades combined with LED Solutions, transmit light in a variety of ways.

Perspex® Cast Acrylic Colours

Accurately project your company's branding or your artistic intention with Perspex® Cast Acrylic Colours. From bright, vivid primary colours to delicate tints and muted pastel tones - the extensive range of options offers exceptional depth, quality and consistency.

Perspex® Sweet Pastels

Perspex® Sweet Pastels have all the excellent physical properties of Perspex® Cast Acrylic sheeting offered in 8 vibrant, fun and inspiring colours. Each sheet has a one sided satin finish, offering both matt and gloss surfaces. All 8 colours were specifically developed with the retail industry in mind, it's lightweight and easy to install for pop up displays, yet strong, durable and hard wearing for those more demanding interior applications.

Perspex® Cast Acrylic Fluorescent

Ideal for designing creative, eye-catching point of sale displays, Perspex® Fluorescent acrylic combines a delicate, transparent tint with a fluorescent edge effect for a modern look. Available in six colours and anti-reflective finishes.

Perspex® Cast Acrylic Frost

A frosted surface texture provides designers, fabricators, signage manufacturers and shopfitters endless opportunities to complement their design with a cool and contemporary feel. Perspex® Frost is resistant to surface scratching, performs well in all weather, is easy to cut, join, fabricate and thermoform, and is suitable for internal and external applications.



Perspex® Cast Acrylic Impressions

A contemporary, textured pattern makes Perspex® Impressions ideal for innovative retail and interior décor styles. It is understated, elegant and ideal for complementing and highlighting a wide range of merchandise on display.

Perspex® Cast Acrylic Coral

Shimmering with natural beauty and inspired by the visual effect of a sun-lit coral reef, Perspex® Coral is custom-made to customer requirements, making each installation completely unique. Textures are deep, rich, 3D in effect and pearly when illuminated.

Perspex® Cast Acrylic Pearlescent

Perspex® Pearlescent cast acrylic sheet has a shimmering, metallic lustre perfectly suited to modern design and is available in five shades including pearl, azure, candy, caramel, gold and platinum.

Perspex® Cast Acrylic Spectrum LED

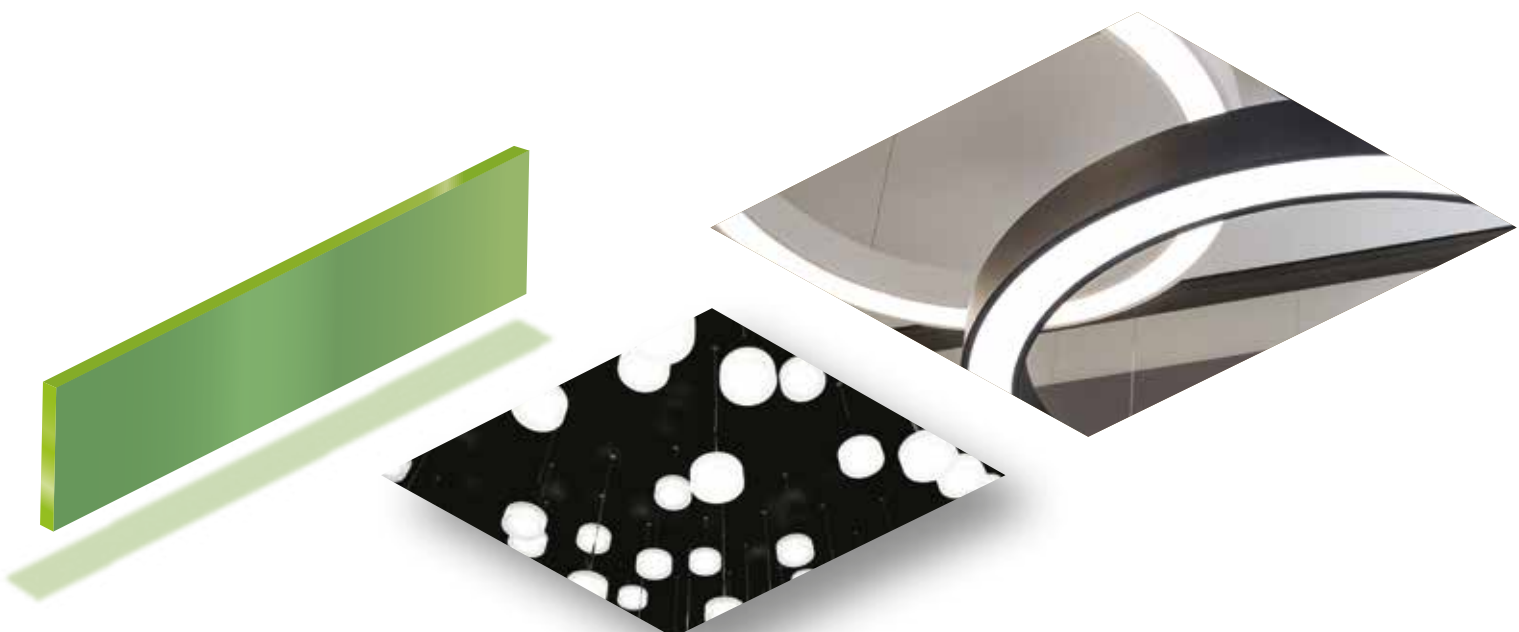
Perspex® Spectrum LED sheets provide optimised colour performance for both transmitted and reflected light using white LEDs. It is cost-effective and eco-efficient - emitting bright, intense colour in daylight or at night. An ideal material for any illuminated application including POP, directional systems, interiors and architectural.

Perspex® Diffuse

Perspex® Diffuse maximises light output and diffusion; offering superior brightness and evenness, whilst hiding LED hotspots. Its optimised performance is equally effective in both back and edge illuminated light panels and lighting units. Perspex® Diffuse is excellent for Illuminated Advertising and Display applications. The extensive range of grades, light transmissions and thicknesses provides ultimate flexibility, no matter what the luminaire design construction.

Perspex® Illumination

Perspex® Illuminate has been designed for producing LED light guide panels in luminaires, in particular, those used to light up a room or an area. Its high light output with even illumination comes from the specially developed technology within the sheet and is optimised for individual panel sizes so that no further fabrication is required, reducing overall luminaire production costs.



Extruded Acrylic

Curtain walls | Dividers | Furniture | Interior décor | Lighting | POS | Shopfitting | Signage

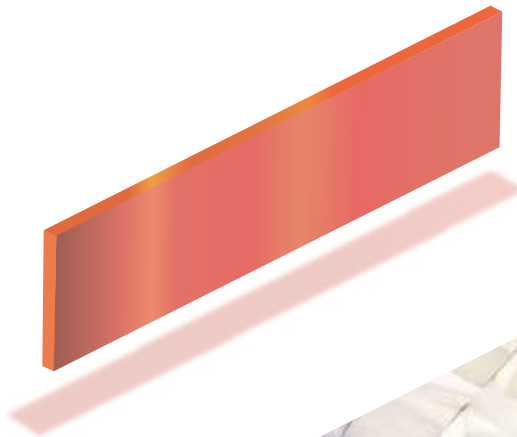
Ideal for retail projects - Extruded Acrylic, medium impact (MI) and ultra high impact (UHI), has properties similar to Cast Acrylic. Due to its lower molecular weight, however, designers and fabricators world-wide choose extruded acrylic sheeting because of its lower crazing, chemical and solvent resistance, and better vacuum forming definition.

Extruded Acrylic features:

- More transparent than glass with 92% light transmission and half the weight of glass
- Good weather and UV resistance making it suitable for outdoor applications
- Non-toxic fumes emitted in fire and easily extinguished with water.

Extruded Acrylic Fire Rating: Class 4

- Excellent colour consistency and stability
- Easily thermoformed and machined
- Scratched surfaces easily polished
- Ultra high impact resistance



Solid Polycarbonate Sheet

Shatterproof windows | Showers | Domes | Greenhouses | Outdoor decks | Skylights
Furniture | Covered walkways | Canopies/shelters | Riot shields | Clear burglar bars | Barrel vaults
Heat generating electronics | Machine guards | Screens | Fume boxes | Protective visors and goggles
Helmets | Vehicle body parts | Instrument cases.

With 200 times more impact resistance than glass at only half the weight - Polycarbonate is a thermoplastic renowned for its impact resistant toughness, affordability, ease of moulding and fabricating, and properties ideal for cold curving, thermoforming and vacuum forming. Industries supplied include: construction; electronics; security; domestic; signage; industry; telecommunications; and automotive.

A 10 year warranty is standard with Perspex SA's solid polycarbonate sheets.

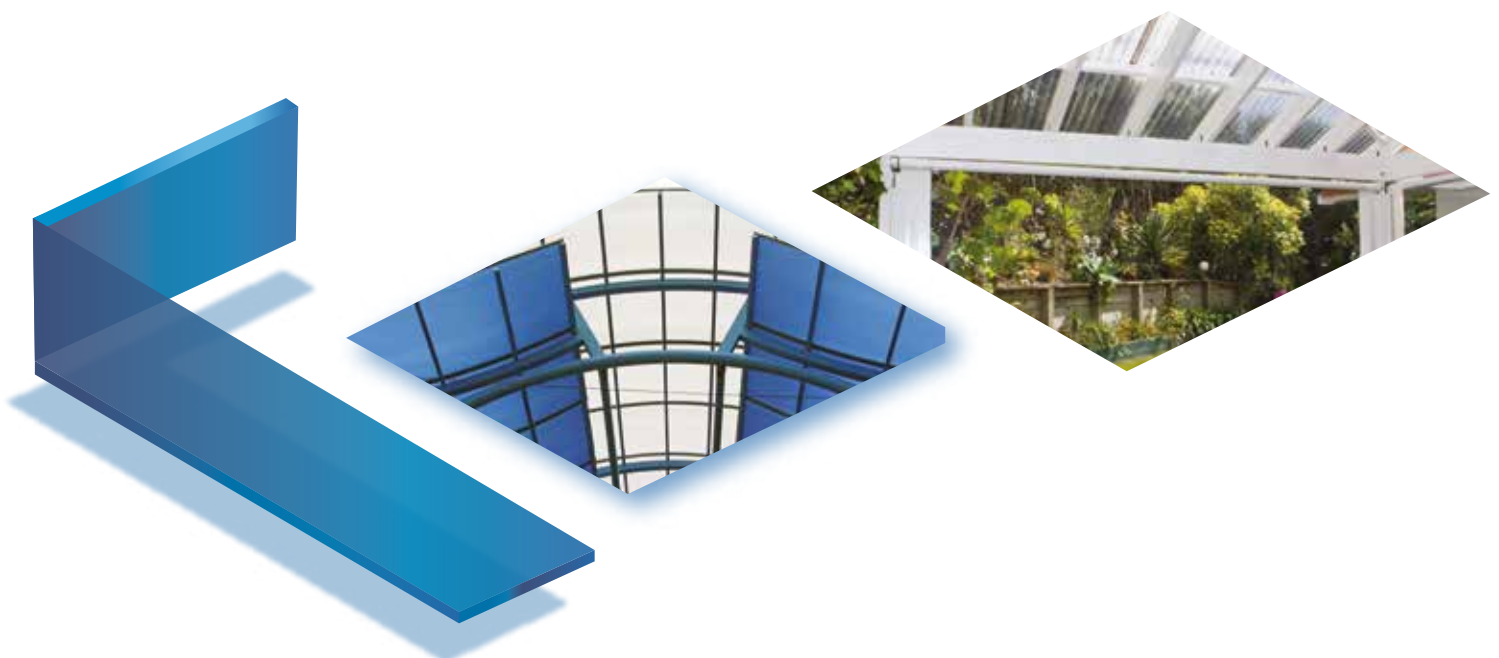
Multiwall Polycarbonate

Architectural – buildings | Awnings | Roofing | Carports | Display windows | Illumination panels
Exhibitions | Furniture | Greenhouses | Indoor pools | Interior décor | Partitioning | Passageways
Verandas | Patios | Pagodas | Signage | Skylights | Stages | Transportation

Multiwall polycarbonate twin wall sheets are durable, flexible and provides insulation while adding colour, interest and creativity to design projects from furniture to lighting to room separation or stage creation. Multiwall is available in a wide range of colours and thicknesses.

Multiwall Polycarbonate features:

- Lets in natural light
- Thermal properties provide insulation, saving on electricity
- Can withstand harsh weather
- Creates a sense of openness and flow while maintaining stability and strength
- Durable and flexible (allows cold bending)
- Available as sheets or as a system solution
- Can be screen printed directly onto the sheet allowing limitless options for creating unique spaces
- UV protected to withstand the harsh African climate
- 10 year warranty
- Polycarbonate is self-extinguishing
- Polycarbonate Glazing accessories are available to complement the Multiwall sheeting



Alupanel®

External façades | Signage | POS displays | Shopfitting | Partitioning | Exhibition stands
Outdoor advertising | Wall linings | Suspended ceilings | Rain screen walling | Wall cladding
Roofing | Tunnel linings | Canopies | Splashbacks | Flooring

Giving durable form to creative design – Perspex SA's high quality Alupanel® (aluminium composite material panels, from MultipanelUK) is essentially a polyethylene core, sandwiched between two premium aluminium sheets.

Benefits of Alupanel®:

- Strong
- Lightweight
- Highly UV resistant
- Available in a wide range of colours
- Simple to cut, router, fold and bend
- Dimensionally stable (minimal expansion and contraction rates)
- Suitable for digital printing, screen printing, vinyl application, painting and cladding

The Alupanel® range of sheets includes:

- **Alupanel®**

A high quality, composite panel composed of aluminium sheets sandwiching a Polyethylene core for creative display designs.

- **Alupanel® Lite**

Reduced weight aluminium composite panels for innovative flatbed printing applications where high load-bearing capacity is not required. Alupanel® Lite is not suitable for intense bending and forming applications.

- **Alupanel® XT**

A cost effective exterior cladding solution with a long lasting, durable finish for curtain walling and inspired architectural façades.



About Perspex SA

Perspex South Africa is the market leader in the supply of quality Perspex® Cast Acrylic products to Sub-Saharan Africa for over 60 years. The head office located in Johannesburg, South Africa, forms the hub of operations. An extensive national footprint includes sales offices and warehouses in Cape Town, Durban and Port Elizabeth, which also houses an extrusion manufacturing facility.

A comprehensive product range ensures that Perspex SA has a product for every project or industry. Products include Extruded Acrylic, PETG, PC, Multiwall Polycarbonate, Alupanel® and LED solutions all of which are sourced from reputable international manufacturers, and locally manufactured ABS, Acrylic Capped ABS, HDPE, PP, high impact polystyrene and high density polystyrene. Perspex SA's technical team will advise on the best solution for the job and explain the forming and fabrication capabilities of raw materials. All products carry appropriate warranties.

Perspex SA believes in pushing boundaries with a passion for the customer solutions plastic sheets and LED's offer, and the creative possibilities they present. The entire team take pride in finding inspired customer solutions that the Perspex SA range of products offer.

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