

Choose
from the most extensive
Print Product Range



The Choice is Yours

Perspex South Africa supplies products for the print and packaging industry including Perspex® Cast Acrylic, Alupanel®, PETG, ABS, PST, Polypropylene, Polycarbonate, Extruded Acrylic and LED Solutions. These materials are ideal for the manufacture of signage, point of sale and purchase displays, decorative elements, partitioning and screens.

Choose from the extensive range supplied by Perspex SA, who proudly offer a product for each unique project including suitability to screen and flatbed printing. Perspex SA's expert sales and technical team will advise on the best solution for the job and explain the forming and fabrication capabilities of materials. All products carry appropriate warranties.

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 harsh African climate
- 10 year warranty
- Polycarbonate is self-extinguishing
- Polycarbonate Glazing accessories are available to compliment 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.



Gauteng

Unit D3, Isando Business Park,
Cnr Hulley Road and Gewel Street
Isando, Kempton park, 1600

Tel: +27 (0)11 826 4061

Eastern Cape

20 Bennett Street, Sidwell, Port Elizabeth, 6001

Tel: +27 (0)41 453 1331

Fax: +27 (0)41 453 1712

Western Cape

Century City Offices: Suite B, Building 1,
15 Boundary Road, Century City,
Cnr Bridge Road and Boundary Road

Trade Warehouse: 26 Montague Drive,
Montague Gardens, Cape Town, 7441

Tel: +27 (0)21 551 0138

Fax: +27 (0)86 557 1268

Kwazulu-Natal

12 Hutchinson Street, Jacobs, Durban, 4026

Tel: +27 (0)31 461 1999

Fax: +27 (0)31 461 2014

Perspex® Cast Acrylic

Signage | POS displays | Interior décor | Lighting | Partitioning | Shopfitting | Furniture

Perspex® Cast Acrylic is a consistent, high quality and durable material, the first choice for quality signs and advertising material the world over. Printing can be applied directly and Perspex® Cast Acrylic is available in clears, tints, opals and a wide range of colours and finishes.

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

Extensive Range, for Inspired Solutions

Extruded Acrylic

Screen printing | POS and POP displays | Shopfitting | Signage | Dividers | Furniture | Interior décor
Lighting | Curtain walls

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, 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



Polycarbonate, PC

Construction | Shatter-proof windows | Building domes | Canopied and covered walkways | Industrial Machine guards | Screens | Fume boxes | Security | Riot shields | Clear burglar bars | Skylights
Bullet-proof windows | Domestic greenhouses | Electrical | Automotive

Offering 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, fabricating and is ideal for cold curving, thermoforming and vacuum forming. Polycarbonate is resistant to both high and low temperatures, is low maintenance and is available in various abrasion resistant, UV resistant and bulletproof grades. These characteristics and manufacturing options make polycarbonate perfect for manufacturing industrial, security, domestic, electrical and automotive products.

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

PETG

Signage | POS

PETG is a thermoplastic sheet used for visual merchandising, signage, display units and vacuum forming applications. It can be easily formed, die cut, punched, and is suitable for direct printing with pure optical clarity.

PETG features:

- Very good chemical resistance and impact properties
- Good optical properties and a brilliant surface for printing
- Easy to vacuum form and needs no pre-drying
- Exceptional low temperature performance
- Low water absorption
- Easy to recycle



ABS

Signage | POS

ABS (Acrylonitrile butadiene styrene) is a thermoplastic manufactured by Perspex SA locally that combines the strength and rigidity of acrylonitrile and styrene polymers with the toughness of polybutadiene rubber. It is not suitable for outdoor use unless UV stabilisers are added. Many variations of ABS are offered including ASA, a UV resistant ABS. Can be manufactured in corporate colours, but minimum order quantities are required.

ABS features:

- Tough and lightweight
- High rigidity and impact strength
- Excellent electrical insulating properties
- Easy to thermoform
- Can be printed, cut and glued
- Easily recycled
- UV stabilisers can be added when manufactured for outdoor use

PST

Indoor signage | POS

PST is a locally produced high impact Polystyrene sheet that can be vacuum formed, printed, silk screened and machined. It is not recommended for extended outdoor use.

PST features:

- Lightweight with good impact resistance
- Can be printed, cut and glued
- Absorbs little moisture
- Easy to thermoform
- Easily recycled
- Ideal for food contact and the Catering industry (PST is odourless and tasteless)

Polypropylene

Mud guards | Plastic parts | Household containers | Appliances | Packaging | Layer boards

Perspex South Africa locally manufactures leading, general purpose PP (Polypropylene). Used in a wide variety of applications including packaging, plastic parts, containers, labelling, textiles, stationery, and appliances - polypropylene thermoplastic delivers reliability.

Polypropylene features:

- Low density material
- Suitable for use in food contact applications
- Rigid, hard and strong with good impact strength

