

**PERSPEX** SOUTH AFRICA

*Sign*



## Sign Product Range

Our product range for signage, point of sale displays, lightboxes and fixtures includes cast acrylic, extruded acrylic, ABS and PST, all of which are either manufactured by Perspex South Africa or sourced from leading local and international manufacturers.

We strive to ensure that we have a suitable product for each project, whether it's an illuminated outdoor sign that will have to endure weathering or a point of sale stand destined for a retail outlet. Perspex South Africa's expert sales and technical staff will advise on the best solution for the job and explain the forming and fabrication capabilities of our materials. All our products carry appropriate warranties.



## Perspex® Cast Acrylic

Glazing | POS | Signage

Perspex® Cast Acrylic is a consistent, high quality, durable material and the first choice for quality signs and advertising material the world over. It is ideal for an extensive range of applications including router or laser cutting sign components; screen printing; digital printing; spray painting; the application of self-adhesive vinyl films; flatbed printing; LED displays, lightboxes and illuminated signs. It's also suitable for reverse printing on wall-mounted signs; 3D fabricated letters and designs; POS and shop front displays and shelves. Perspex® Cast Acrylic is available in clears, tints, opals and a wide range of colours, finishes and thicknesses.

This versatile material can be:

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

Perspex® Cast Acrylic features:

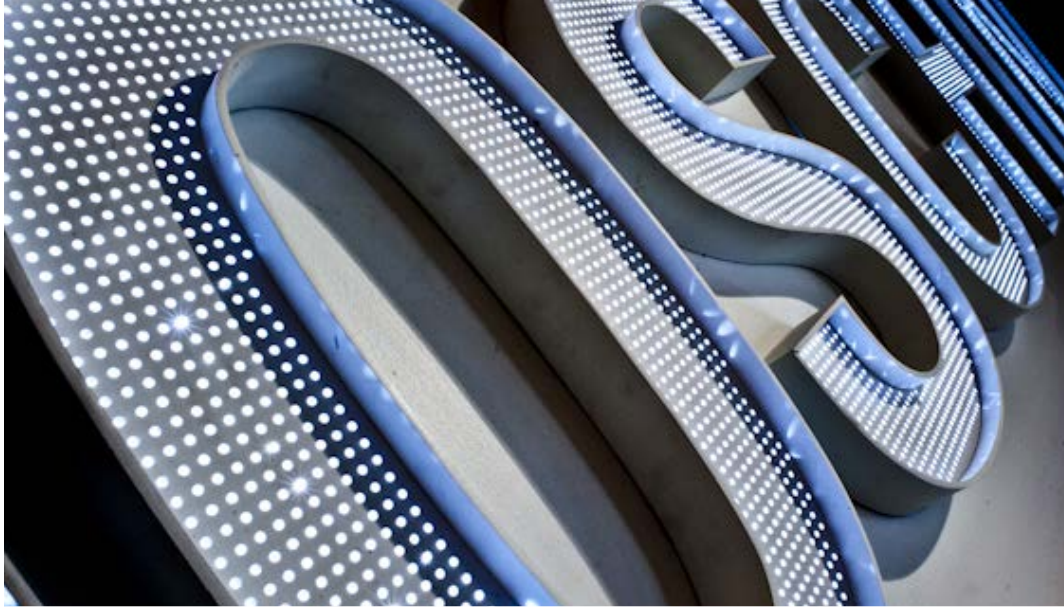
- Exceptional light transmission with no inherent edge colour
- Excellent resistance to outdoor weathering
- High gloss, hard surface
- Good thermoformability
- Easy to clean
- UV Stability
- 17 x stronger than glass
- Fire retardant thermal properties ensure burning
- Perspex® Cast Acrylic produces little smoke and does not promote the spread of fire. Cast Acrylic Fire Rating: Class 3
- Low density, making it lightweight and economical
- Can be cold bent within certain limits
- Fully recyclable
- Can match any corporate colour requirements
- Suitable for engraving and profile cutting

## Edge Lighting Solutions

A new range of Perspex® Cast Acrylic products has been developed to meet the changing needs of the POP, display and sign markets. Perspex S and D Lux Cast Acrylic offers edge lighting solutions enabling designers, specifiers and corporate clients to offer tailored solutions.

Features:

- Slim, elegant appearance
- Low energy usage and cost efficiency
- Bright cool, even, light distribution



## Extruded Acrylic

Glazing | POS | Signage

Extruded Acrylic, medium impact (MI) and ultra high impact (UHI), has properties similar to Perspex® Cast Acrylic, but does not exhibit the excellent outdoor weathering properties as Perspex® Cast Acrylic. MI Extruded Acrylic is available in clear and UHI in clear and opaque.

Extruded Acrylic features:

- UV and weather resistant so suitable for outdoor applications
- Excellent colour stability
- Scratched surfaces easily polished
- Non-toxic fumes emitted in fire and easily extinguished with water. Extruded Acrylic Rating: Class 4
- Easily thermoformed and machined

## ABS

POS | Signage

ABS (Acrylonitrile butadiene styrene) is a thermoplastic that combines the strength and rigidity of acrylonitrile and styrene polymers with the toughness of polybutadiene rubber. It is suitable for extended outdoor use and pigments can be added to the raw material for colouration.

ABS features:

- Can be manufactured in high gloss, matt, leathergrain and pinseal finishes
- Tough but 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 for extended outdoor use
- Easily coloured

## PST

Indoor signage | POS

PST is a high impact polystyrene sheet that can be vacuum formed, silk screened and machined. It is not recommended for extended outdoor use unless UV inks or UV vinyl are applied. PST is easily pigmented to achieve the colour you require.

PST features:

- Lightweight with good impact resistance
- Easy to thermoform
- Can be printed, cut, painted, clad and glued
- Easily recycled
- Absorbs little moisture
- Matt finish or matt on one side and semi-gloss finish on the other side



## ACM

Signage | POS displays | Shop fitting | Partitioning | Exhibition stands | Outdoor advertising | Wall linings | Suspended ceilings | Rain screen walling | External facades | Wall cladding | Roofing | Tunnel linings | Canopies

ACM is an aluminium composite sheeting that is ideal for signage of all descriptions. It is a high quality, rigid yet light and stable material with high UV resistance and is suitable for digital printing, screen printing, vinyl application and painting. It is simple to cut, router, fold and bend and is available in a wide range of colours.

Perspex South Africa supplies three types of aluminium composite sheeting including premium quality ACM, reduced weight ACM Lite and ACM XT.

ACM features:

- Lightweight but incredibly rigid
- Dimensionally stable
- Minimal expansion and contraction rates
- High UV resistance
- Flat, smooth surface
- Simple to cut, router, fold and bend
- Large colour range

ACM Range includes:

### ACM sheeting

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

### ACM Lite

Reduced weight aluminium composite panels for signage projects where high load-bearing capacity is not required.

### ACM XT

A cost effective exterior solution with a long lasting, durable finish for outdoor use.

## About Perspex South Africa

Perspex South Africa has been the market leader in the supply of quality cast acrylic products in sub-Saharan Africa for over 60 years. Our head office is located in Johannesburg, South Africa, and forms the hub of our operation. Our extensive national footprint includes sales offices and warehouses in Cape Town, Durban and Port Elizabeth, which also houses our extrusion manufacturing facility.

Our full product range ensures we have a product for every project or industry. It includes extruded acrylic, PETG, and Multiwall polycarbonate, all of which are supplied from reputable international manufacturers; and locally manufactured ABS, Acrylic Capped ABS, high impact polystyrene and high density polyethylene. Perspex South Africa's technical staff will advise on the best solution for the job and explain the forming and fabrication capabilities of our raw material. All our products carry appropriate warranties.

We believe in pushing boundaries because we're passionate about plastic and the creative possibilities it presents. We love finding solutions that show off the endless creative potential the Perspex range of products offers.

## Product Range:

Print | Fabricate | Create | Glaze | Sanware | Sign | Industrial | Chemicals

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Creatively inspired. Solutions driven