

**PERSPEX** SOUTH AFRICA

*Glaze*



## Glaze Product Range

Our glazing range of materials for caravan windows, boats, motor vehicle windscreens and civil aviation aircraft includes cast acrylic and extruded acrylic from leading manufacturers.

We strive to ensure that we have a suitable product for each project. 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

Skylights | Windscreens

Optical grade (defect free) Perspex® acrylic sheet is used for clear and tinted vehicle windscreens as it is much lighter than glass but offers double impact resistance, uniform thickness tolerances and low internal stress levels for consistent performance. It also has excellent weatherability and can be easily cut, sawn, machined, thermoformed and cemented for boats, aviation, motorcycles and vehicle windscreens.

**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
- Long lifespan
- Durable
- Good scratch and chemical resistance

## Extruded Acrylic

Skylights | Windows | Boat windscreens

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

**Extruded Acrylic features:**

- UV resistant so very weather resistant and suitable for outdoor applications
- Excellent colour stability
- Scratched surface easily reshaped
- Non-toxic fumes emitted in fire and easily extinguished with water. Extruded Acrylic Rating: Class 4
- No carcinogenic or hazardous substances
- Food contact approved
- More transparent than glass with 92% light transmission and half the weight of glass
- Low haze at less than 1%
- Easily thermoformed and machined
- Suitable for applications where glass is too heavy or will not withstand impact or vibration



## 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

Unit 15, Lakeview Business Park  
No 3 Yaldwyn Road, Jet Park

Tel: 087 097 0111  
Email: [orders@perspex.co.za](mailto:orders@perspex.co.za)  
Web: [www.perspex.co.za](http://www.perspex.co.za)

**PERSPEX** SOUTH AFRICA  
Creatively inspired. Solutions driven