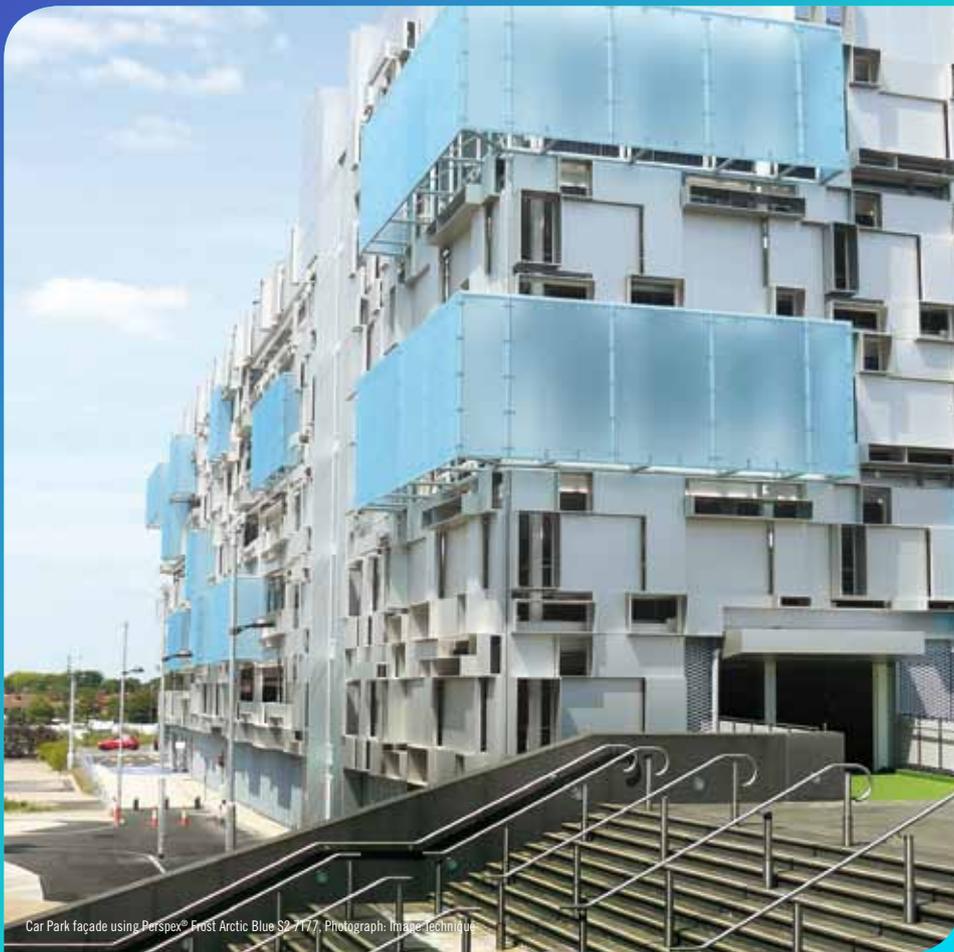




See Perspex® in a whole new light

An Introduction



Car Park façade using Perspex® Frost Arctic Blue S2 7177. Photograph: Image Technique

The Power of Perspex®

Seventy-five years ago a piece of acrylic caused a revolution in the world of design. It might not seem like the most radical of breakthroughs in a world where we can talk to people on the other side of the world from a device that fits in our pocket, but like so many of the best inventions its simplicity was what made it so brilliant. It was strong. It was clear. You could mould it, heat it, cut it and bend it. It offered a whole new world of possibilities to designers from all industries and made Perspex® a household name almost overnight.



Light wall for Engine's London HQ using Perspex® Frost and Gloss. Photograph: Nikhalesh Haval for Acrylicize



Perspex® Frost Glonuts, Photograph: BoBo Design Limited



Perspex® Clear 'Wagimann' Bubble Chair, Photograph: Rousseau Designs

Think of the potential.

A lot has changed in the world in the years since Perspex® launched, and our offering has evolved too. Today the possibilities are almost endless: different colours, different shades, different textures and different effects are all available. But the one thing that hasn't changed is our commitment to innovation. That's why whatever you're working on, Perspex® can help your designs reach their full potential.

Perspex® — quality performance

- 100% recyclable
- 10-year warranty for outdoor use
- Excellent weather and UV resistance
- Good chemical resistance
- Lightweight
- Highly versatile
- Excellent optical clarity
- Shock and abrasion resistant
- High tensile strength and rigity
- Batch-to-batch colour consistency
- Excellent fabrication properties
- Outstanding customer service
- Colour matching service
- Small batch quantities



Staircase featuring Perspex® Glass-Look 6121, Photograph: Saxum Design



Think of the possibilities

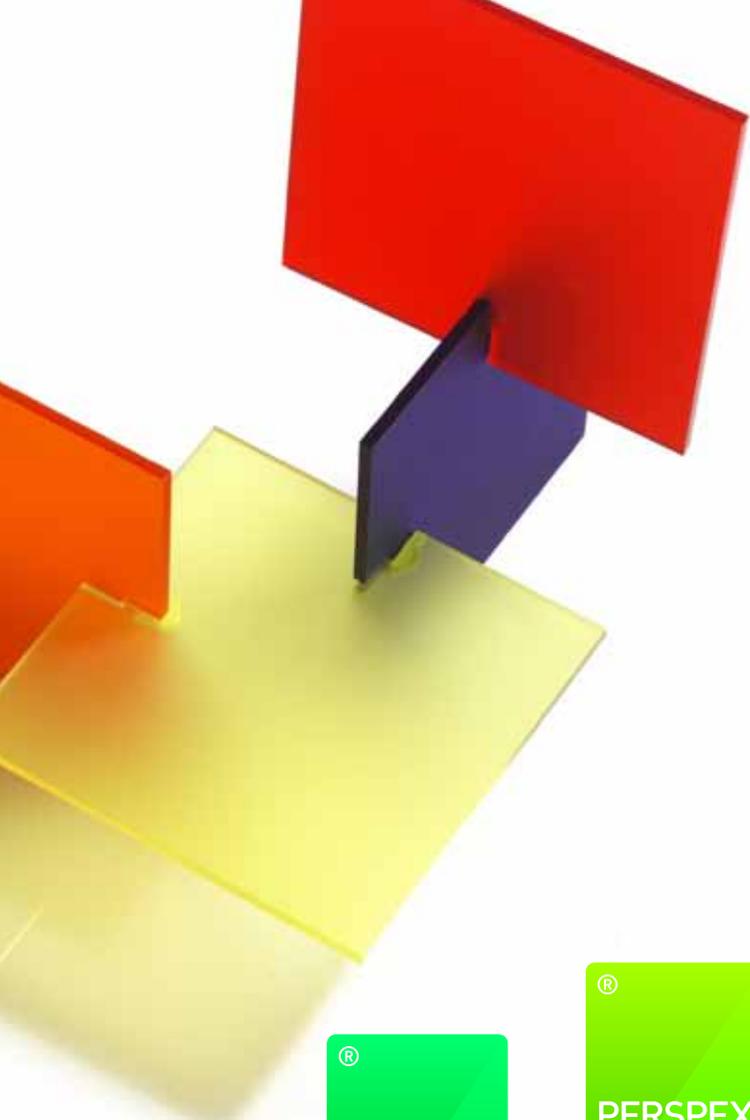
Perspex® is tough. Very tough, in fact. The kind of tough that protects you from dangerous chemicals, high temperatures and flying bullets. But it's also incredibly versatile. It can be lasered, shaped, sanded, machined, milled, drilled, formed, bent, printed and polished. These processes have created all sorts of exciting new possibilities for Perspex® beyond the typical signage and Point of Sale displays: from aquariums to architecture, boats to bathrooms, fashion to furniture and glazing to gliders. The list is almost endless.



Car Park façade using Perspex® Frost Arctic Blue S2 7177, Photograph: Image Technique



Perspex® Spectrum LED ITL2, Photograph: ASG



Perspex® Frost Cupboards, Photograph: Kewlox



Pick a colour, any colour

Take pink, for example. Or blue. Or green. Or red, yellow, black or brown. Or the colour of your favourite football team. Or the colour of that new dress that the fashion world's raving about. It doesn't really matter: the point is that whatever colour you're looking for, our in-house laboratory will be able to match it. Add to that the constantly evolving portfolio of effects and finishes we have on offer and you'll start to see Perspex® in a whole new light.



Perspex® Products

Perspex® is an acrylic thermoplastic. It can be divided into three groups – Perspex® Cell Cast sheets, Perspex® Continuous Cast sheets and Perspex® Extruded sheets, each production method offering different features and benefits.

Perspex® is available in a huge range of different thickness (1 mm to 60 mm), with a variety of effects that add a touch of stimulation and illumination to any project.

Perspex®



Clears

The original clear Perspex® sheet available from 1mm to 60mm



Opals/Whites

Available in a variety of light transmission options, depending on your requirements



Solid & Translucent Colours

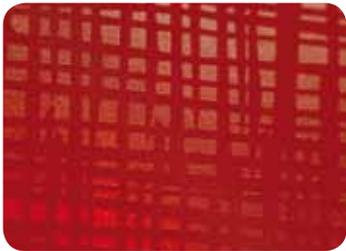
An extensive palette of opaque and translucent colours



Transparent Colours & Tints

From subtle greys to vibrant reds, a range of colours that use natural light to bring them to life

Perspex® Textures



Impressions

A new contemporary textured pattern



Frost

A popular, double sided matt finish available in four collections: Vivid, Urban, Hot and Pastel



Silk & Satin

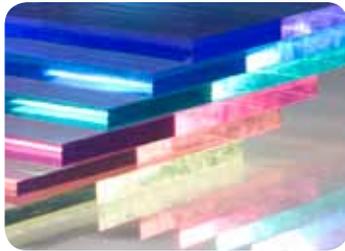
A single sided matt finish, available in clear, opal and a wide range of colours

Perspex® Effects



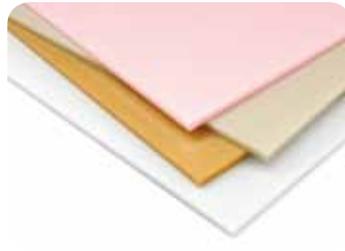
Fluorescent

An eye-catching tinted sheet with a striking fluorescent edge



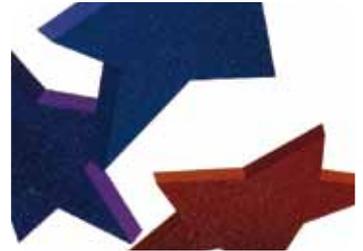
Vario

Transparent colours with a striking edge that produce variations in light and shade



Pearlescent

A deep, opulent product with a soft, shimmering effect



Sparkle

Six colours brought to life by thousands of shimmering, iridescent particles



Duo

A dual layer of either Gold or Silver which can be engraved to allow the black base colour through



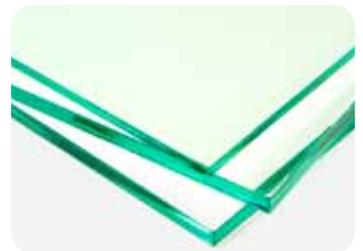
Coral

A unique, three dimensional shimmering effect, inspired by tropical coral reefs



Metropolitan

Transparent sheet with a highly defined neutral edge effect



Glass-Look

All the benefits of Perspex® Cast Acrylic sheet with the visual appearance of real glass

Perspex® – Optimized Performance

The Perspex® Team have developed a number of bespoke solutions that are specially formulated to give the ultimate performance.

Perspex® Spectrum LED

Optimized colour performance for use with LEDs in visual communications and lighting applications



Spectrum LED

Perspex® Vision

Specifically designed to give superior clarity in rear projection applications



Vision

Perspex® Glow Wire

Enhanced resistance against high temperatures



Glow Wire

Perspex® S-Lux, D-Lux and Prismex®

Our patented edge-lit technology for visual communications and lighting applications



S-Lux, D-Lux and Prismex

Perspex® VA/VE

Enhanced for the very best UV protection



VA/VE

For more details on any of these products, please contact our sales team on +44 (0) 1254 874120

Think of the future

It's not just homes, offices and businesses that Perspex® brightens – it helps brighten our future too. Perspex® can be recycled all the way back to its original state, regardless of its colour, regardless of its finish. That doesn't just make sense for the environment, it makes good business sense too.

Sustainable development is at the heart of our design process – we reduce, we reuse and we recycle, and that's helped us reach our goal of zero acrylic waste to landfill. This isn't some trendy, short-lived thing to help us get a certificate or meet some new legislation, it's simply part of our commitment to have maximum impact on your business with minimal impact on the environment.

We have set ourselves strict targets to reduce our energy and water consumption, as well as our carbon dioxide emissions by 2020. Here are just a few of the measures we are taking to achieve these:

For further information about our green credentials, including our target of sending zero waste to landfill, please take a look at our environmental brochure: "Shaping a greener, brighter, stronger, more durable world".

Carbon Footprint

We've been continually reducing our carbon footprint since 1989.



Packaging

Through recycling we save the equivalent of 109 trees a year.



Efficiency

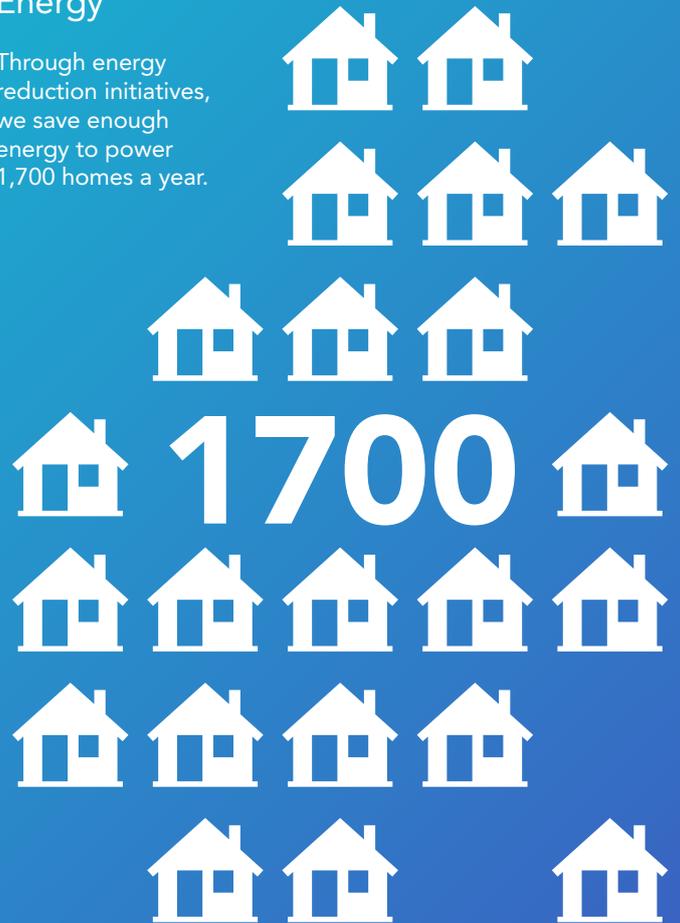
With over 97% manufacturing efficiency we are focused on 'getting it right first time': reducing waste and increasing efficiency.

97%



Energy

Through energy reduction initiatives, we save enough energy to power 1,700 homes a year.



Waste

We send zero acrylic waste to landfill and only 0.2% of our total waste.





Thinking Global

Perspex® is brought to you by the world's leading acrylics producer, Lucite International. With world-class research and development facilities in all four corners of the globe we're able to deliver a constant stream of inspiring solutions to all our customers quickly, efficiently and securely.

And whilst our reach is global, we make every effort to keep our service personal. Lucite International and Perspex® are proud to have an extensive history of strong relationships with clients – from small local businesses to huge multi-nationals.

Whatever the shape, whatever the size, whatever the project, we'll help you see Perspex® in a whole new light.





Perspex®
PO Box 34
Darwen
Lancashire
BB3 1QB
United Kingdom

T: +44 (0) 1254 874000
F: +44 (0) 1254 874098

info@perspex.com
www.perspex.com

For more details on any
of the products featured
in this brochure, please
contact our sales team on
+44 (0) 1254 874120

Potential.Performance.Perspex®



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