



Lexan* Tough
Polycarbonate Sheet Virtually
Unbreakable

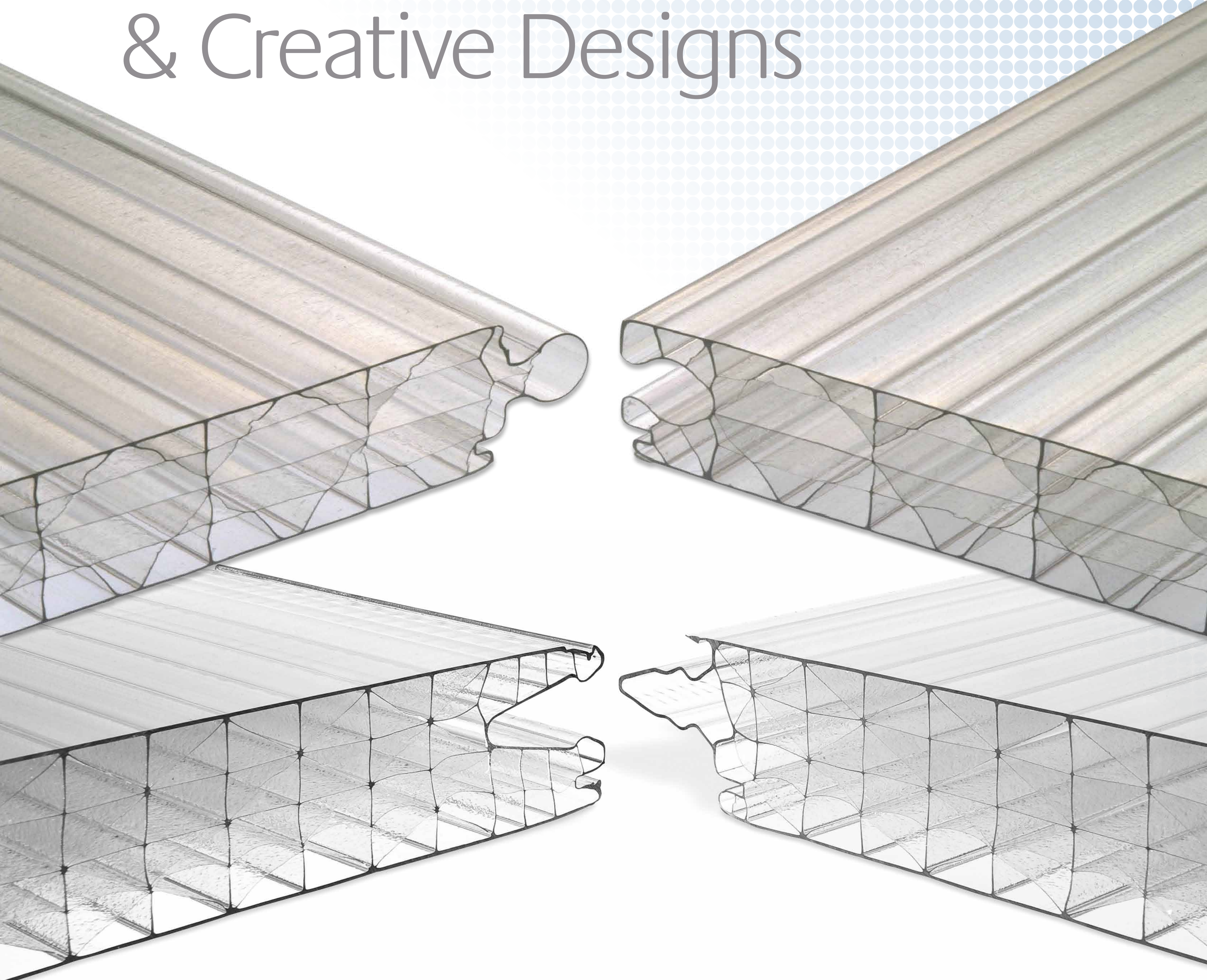
* Trademark of SABIC Innovative Plastics IP BV

Lexan* sheet
helps to meet tough
challenges facing
architects and builders



Lexan* Thermoclick* wall panels

High Energy Efficiency & Creative Designs



Mainly used in façade applications, the New and Innovative Lexan* Thermoclick* sheet systems are made up of 40 mm and 50 mm, UV protected, multiwall sheet panels with a profiled tongue and groove connection.

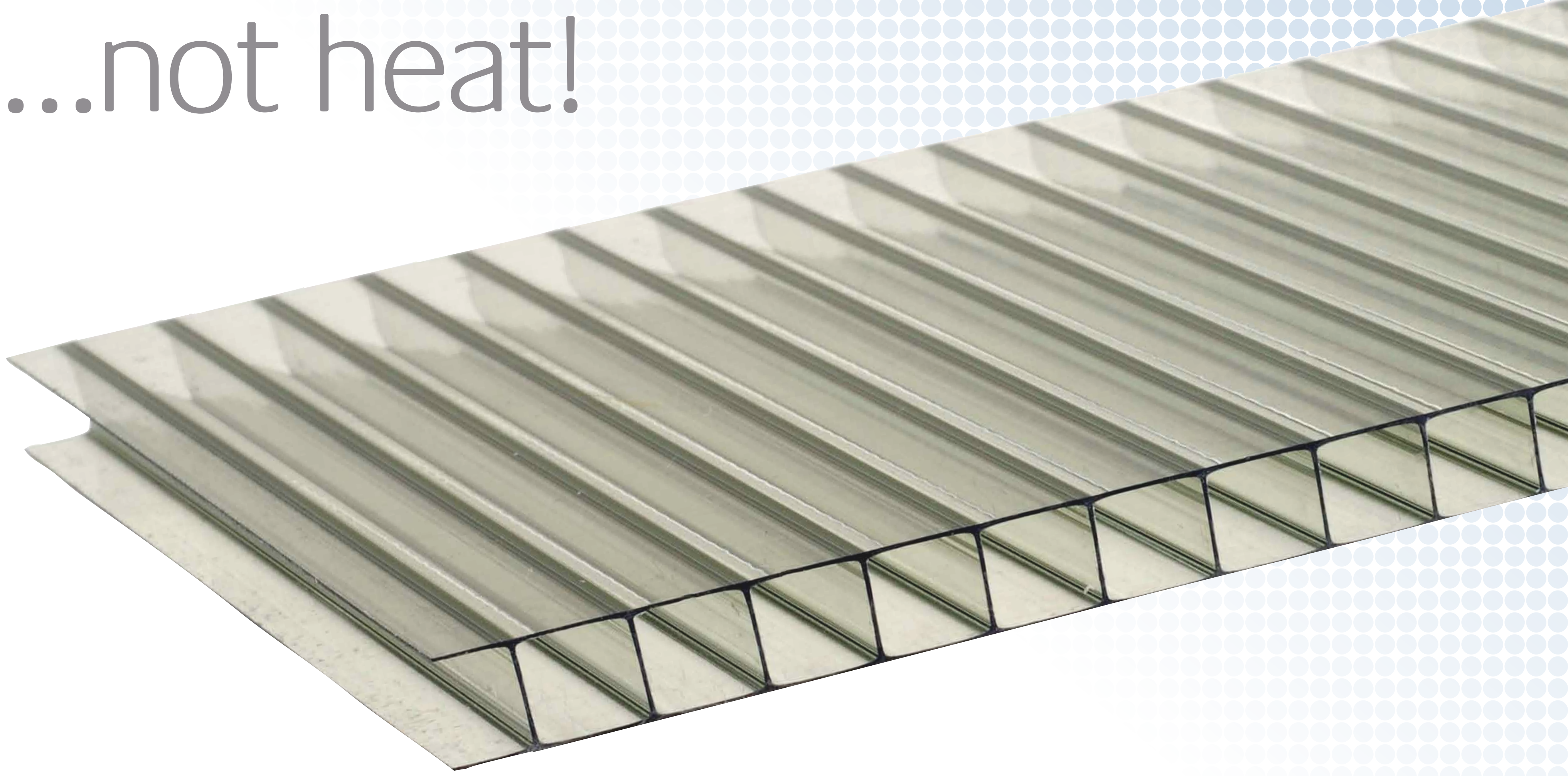
This inter-connecting system eliminates the need for vertical profiles, thereby potentially saving costs and enhancing aesthetics. The X-Structure of the sheet provides exceptional stiffness and thermal insulation.

Properties

- Unique four wall with X-Structure
- Profile free facades
- UV protected surface for long-term weather resistance
- Extremely high stiffness
- High impact strength
- Easy and fast installation
- Good thermal insulation; **U-value 1.27 W/m²K in 40 mm and 1.00 W/m²K in 50 mm**
- Available in 11 colours and aesthetic effects
- Available in Solar Control IR version for optimal solar heat reduction
- 10-year limited written warranty against long-term weathering conditions
- Wide range of aluminum glazing profiles available through our authorized distributors and installers.

Lexan^{*} Solar Control sheet family

Let light into your life ...not heat!



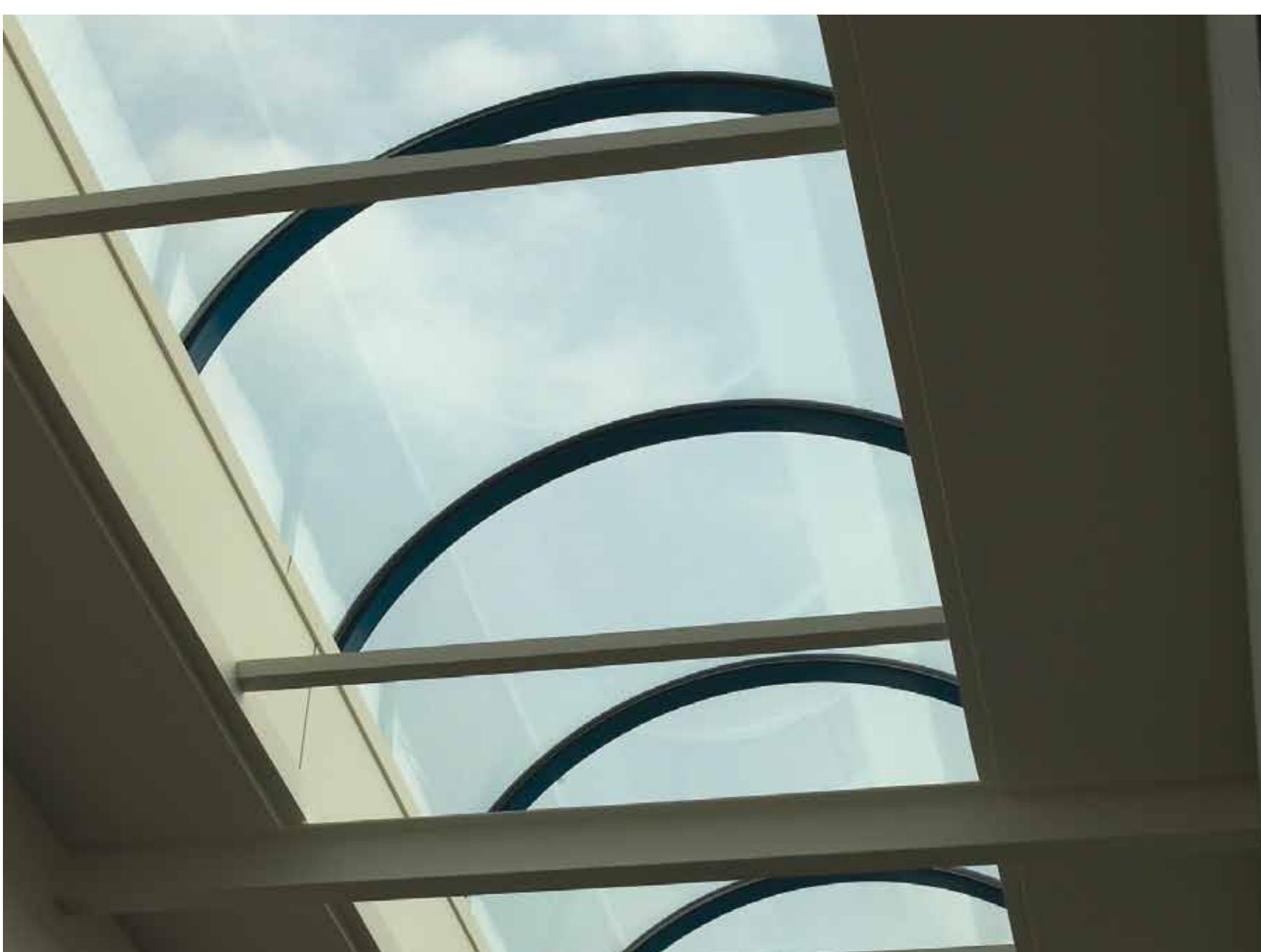
New thermoplastic transparent glazing to reduce interior heat build-up by selectively blocking the near infra-red region of the sunlight; while maintaining the highest level of light transmission.

Properties

- Patented IR absorption technology
- Reduces interior heat build-up up to ^40%
- Low energy consumption
- Hail resistance, virtually unbreakable
- Light weight, easy to install
- Guarantee against colour retention, weatherability, impact performance
- Available in solid and multi-wall sheet, Lexan Solar Control sheet

Applications

- Roof domes
- Skylights
- Walkways
- Conservatories
- Public transportation



Lexan^{*} SG305 OB sheet

Optical Bright sheet



Properties

- Aesthetic bright colour in combination with LEDs or other light sources
- High light diffusion; uniform light spread (light source not visible, even with LED lighting)
- Outstanding white colour retention after weathering
- High light transmission: saves energy, less LED's needed
- Virtually unbreakable / Anti-vandalism
- Fire resistance – flame resistant – safe
- Easy fabrication and processing

Applications

- Lighting
- Advertisement pillar
- Facades with LEDs
- Interior Design
- Sign & Displays

