

THOMSA GLASS

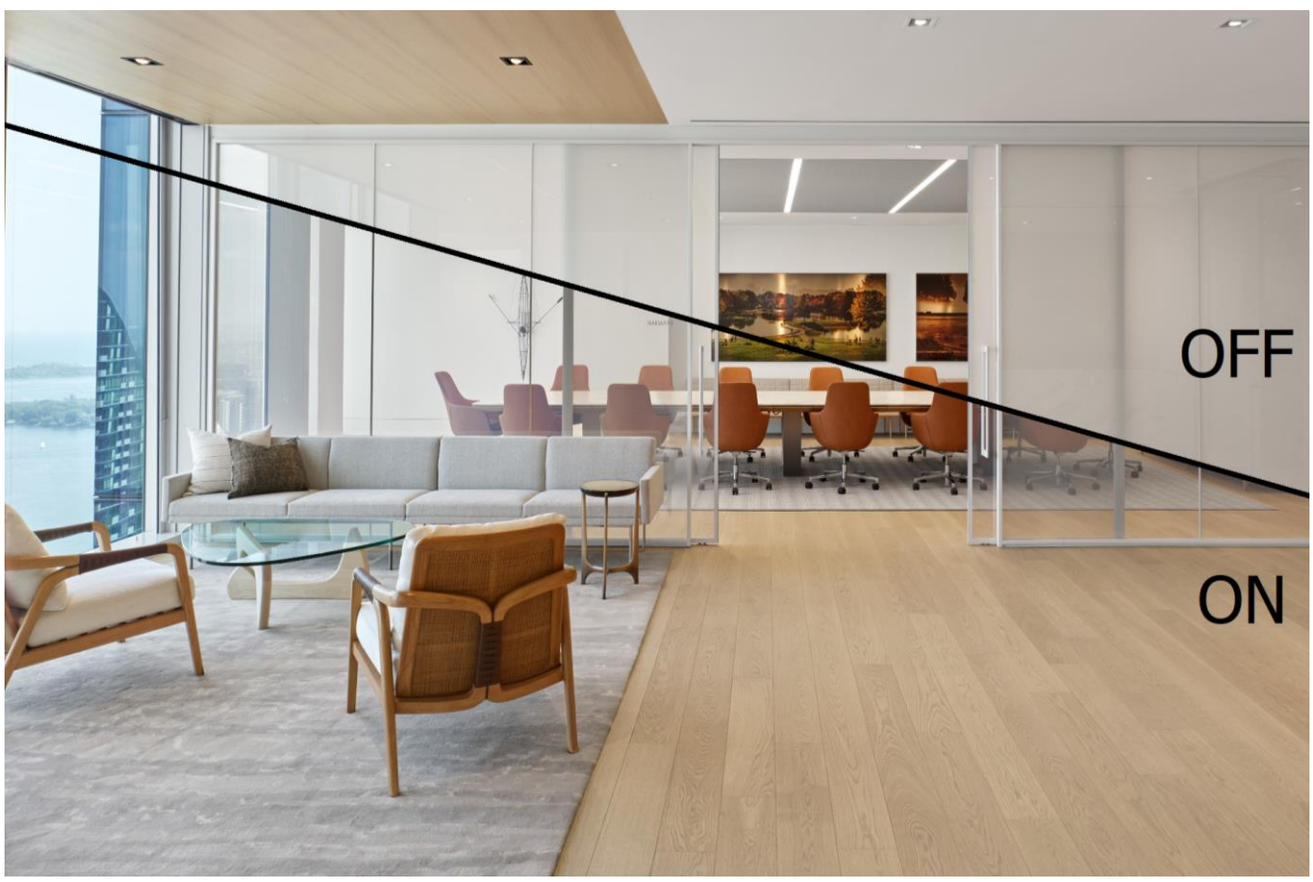
High Quality Smart Glass Products

www.thomsaglass.com

PRIVACY SMARTGLASS

TOTAL PRIVACY OR FULL TRANSPARENCY WITHOUT ANY MOVING PARTS.

The original ON/OFF switchable Privacy Glass is a laminated glass panel with a polymer dispersed liquid crystal interlayer film (PDLC). It offers instant privacy at the flick of a switch by changing its state from transparent to opaque and vice versa through a small electrical current.



WHAT IS UNIQUE ABOUT PRIVACY SMARTGLASS FROM THOMSA GLASS?

- No restrictions. Combinations with solar control, fire-resistant, x-ray glass, triple glass are all possible, with the necessary test reports.
- We also distinguish ourselves in dimensions. (Maximum sizes: 2000mm x 4200mm)
- Great product brightness, < 3% Haze.
- Minimum warranty 5 years and in insulated glass 10 years.

DYNAMIC SWITCHABLE GLASS

MAXIMIZING DAYLIGHT AND SUN CONTROL.

Dynamic glass can have both switchable and dynamic sun control that changes the SF and
solar thermal properties by applying voltage, light or heat. Because the heat and direct sunlight are blocked, without external sun protection, both visual and thermal comfort is immediately created.



WHAT IS UNIQUE ABOUT DYNAMIC SWITCHABLE GLASS FROM THOMSA GLASS?

- Glass laminate or insulating glass (2-4 glass)
- Up to 67% light transmittance (LT)
- Block over 90% of the solar energy (G 0.1)
- Insulate down to Ug = 0.3 W/m2K
- Natural daylight (Ra 94-90)
- Dimensions: maximum 1550 x 4400mm
- Free Form: Triangular, round, curved
- Functions: Anti-condensation, sound, protection, security
- Automatically controlled via control system, BMS, solar- & temperature sensor
- Fully autonomous via solar cells

ELECTRICALLY HEATED GLASS

CREATING A COMFORTABLE ENVIROMENT WITHOUT VISUAL OBJECTS.

Electrically heated glass is a special type of treated glass on which a transparent electrically conductive coating has been applied. The electric current passes through cables on this coating, generating heat and causing the glass to radiate heat.



WHAT IS UNIQUE ABOUT ELECTRICALLY HEATED GLASS FROM THOMSA GLASS?

- Primary heating
- Secondary heating
- Anti-condens
- Ice melting
- Coating or microwires
- Shapes: Triangle, Round, Beveled, Curved
- Heating power: 50 - 600 W/m²
- Maximum size: 3210 x 7000 mm
- 5 years warranty

SAFETY GLASS

WHERE SAFETY AND DESIGN MEET.

Thomsa Glass supplies all levels of safety glass that provides extreme protection to the most risk. For example prone military installations, government buildings, embassies, banks and money transport vehicles. Bullet-resistant glass in accordance with EN1063.



WHAT IS UNIQUE ABOUT SAFETY GLASS FROM THOMSA GLASS?

- Bullet-resistant glass (NS or S)
- Explosion-resistant glass
- Fire-rated glass
- Walkable glass
- Drivable glass
- Structural glass
- Special combinations: Heatable glass, Privacy glass, Dynamic glass etc.

CURVED GLASS

HIGH QUALITY CURVED GLASS FOR ALL PURPOSES.

Thomsa Glass has several partners that manufacture curved glass from complex curved glass walls, staircases and balustrades to double curved train windscreens, we have the technical expertise to bring you the most complex of shapes without compromising optical quality.



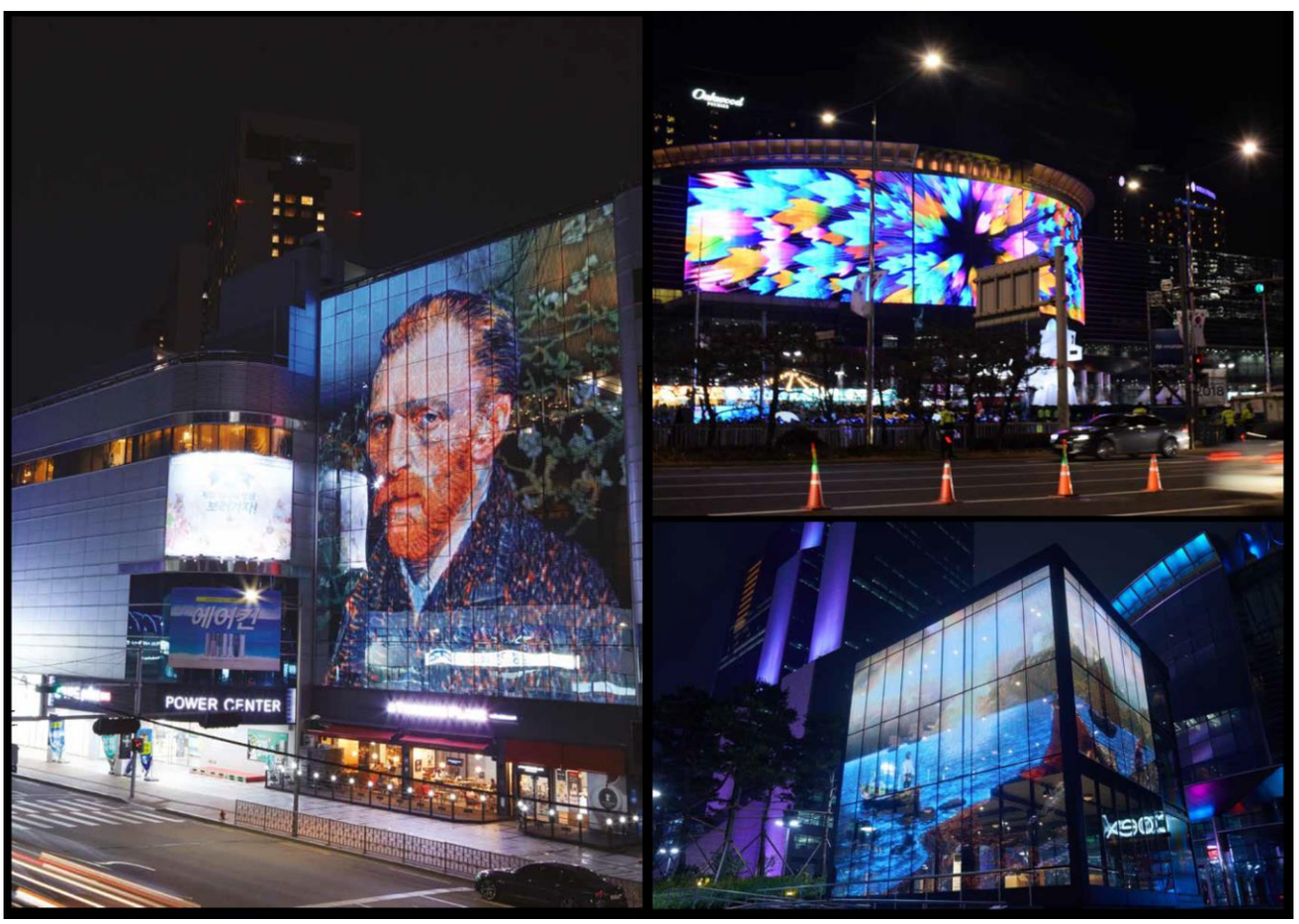
WHAT IS UNIQUE ABOUT CURVED GLASS FROM THOMSA GLASS?

- Maximum size: 3210 x 7000 mm
- Annealed
- Tempered
- Chemically Tempered
- Laminated
- Complex shapes: Cylindrical, Conical, Spherical
- Special combinations: Heatable glass, Privacy glass, Bullet- Ballistic glass, etc.

LED MEDIA GLASS

BRING YOUR BUILDING TO LIFE.

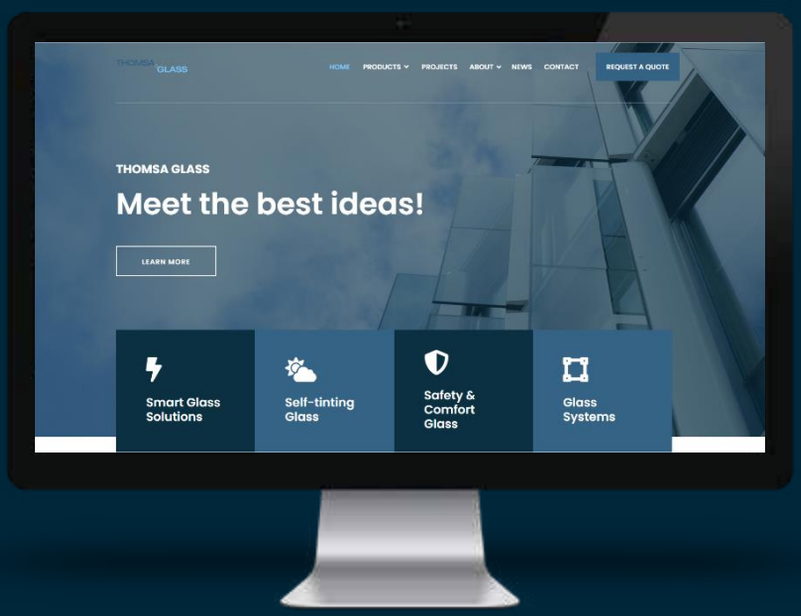
LED media glass a product that converges LEDs and glasses, and possesses the characteristics of both electronic and typical glass products. This innovative material was developed through the application of complex subsidiary materials using specially formulated factory equipment with exclusive production know-how..



WHAT IS UNIQUE ABOUT LED MEDIA GLASS FROM THOMSA GLASS?

- 99.7% transparency
- LED digital media and interactive display
- Construction-grade glass
- Full colour
- Single or IGU
- Retrofit from inside or outside
- 20-60 mm pitch

For more info visit our website



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