

DIAMANT®

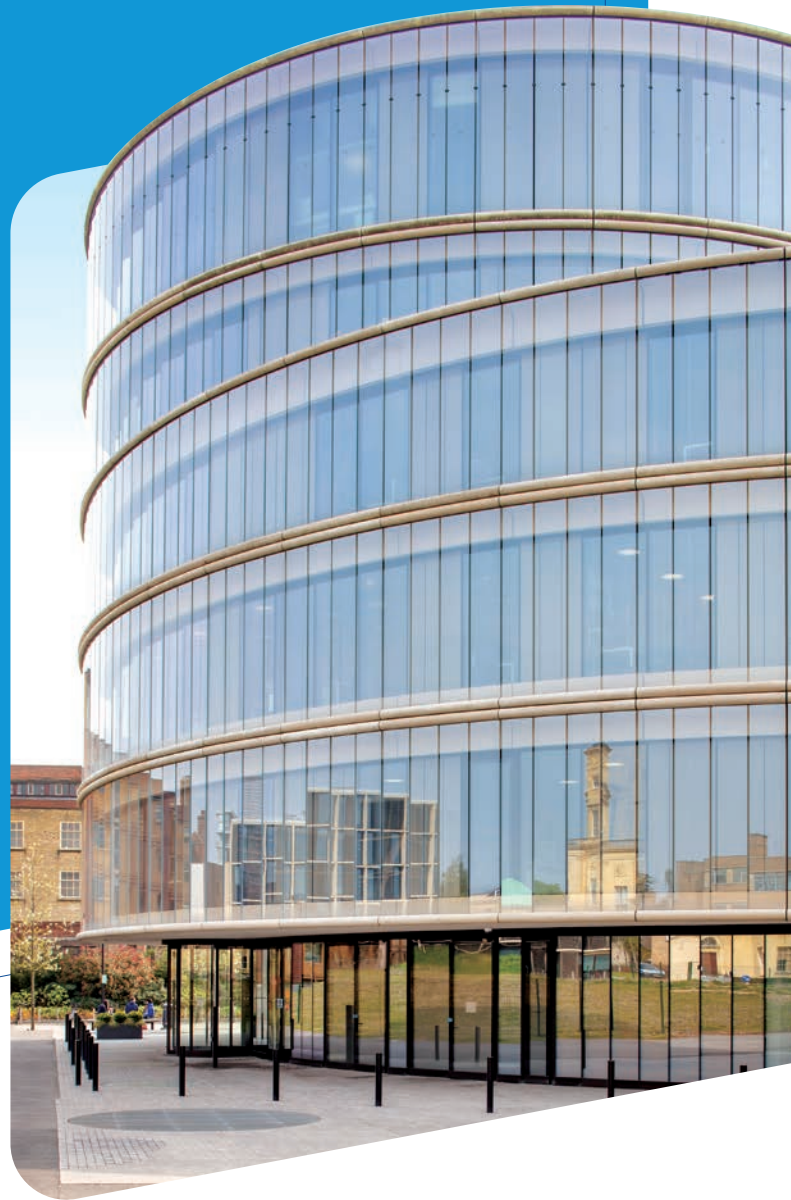
Optimum clarity with our low-iron glass

EXPERIENCE THE DIAMANT® DIFFERENCE

DIAMANT® from Saint-Gobain Glass is an extra-clear low-iron glass which is valued for its attractive appearance and exceptional optical qualities. Unlike standard glass, DIAMANT®'s ultra-low iron content eliminates the greenish tint, ensuring clarity and brilliance, seamlessly blending indoor and outdoor spaces.

With its superior light transmittance capabilities, DIAMANT® maximises natural illumination, creating bright and inviting environments, allowing you to embrace the warmth of sunlight while reducing the need for artificial lighting.

Whether for commercial spaces, retail displays, or architectural marvels, DIAMANT® elevates any project with its exceptional optical qualities. Showcase products in their true glory, enhance interior design and create awe-inspiring structures that captivate and inspire.



DIAMANT® ADVANTAGES



OPTIMUM TRANSPARENCY

DIAMANT® offers perfect clarity, allowing true colours to be seen with excellent vision quality, enhancing the display of items and interior spaces.



NATURAL LIGHT ENHANCEMENT

Unfiltered natural light floods interiors, showcasing decor and objects in their truest form, creating an inviting ambience with undistorted colours.



HIGH ENERGY TRANSMITTANCE

Ideal for applications requiring solar energy utilisation or high solar heat gain, DIAMANT® maximises energy transmittance to enhance efficiency.



THERMAL PERFORMANCE

With low energy absorption, DIAMANT® reduces heating of glazing and minimises the risk of thermal breakage, surpassing standard clear glass options. Custom options, such as COOL-LITE®, are available on order to further enhance functionality.

DIAMANT® is a versatile glass product perfect for a wide range of residential or commercial applications requiring high transparency, clear aesthetics, and optical brilliance. Whether you're designing façades, windows, verandas, canopies, interior spaces, or furniture, DIAMANT® offers clarity and visual appeal. Its exceptional qualities also make it ideal for enhancing the allure of shop windows and display cabinets, ensuring that your products stand out.

Incorporating glass into furniture not only adds a touch of modern elegance but also creates a sense of spaciousness and light within any interior. Glass tabletops, shelves, and cabinets crafted from DIAMANT® enhance the visual appeal of any room while providing durability and easy maintenance. Additionally, the transparency of glass allows furniture to blend

seamlessly into various design schemes, from contemporary to traditional, making it a versatile choice for both residential and commercial settings. Whether it's a sleek glass coffee table or a sophisticated glass display case, DIAMANT® brings a timeless aesthetic and practical functionality to furniture design.

PRODUCT RANGE

DIAMANT® is available in:

- **Sizes:**
2250 x 3210mm,
2550 x 3210mm,
3210 x 6000mm.
- **Thicknesses:**
4mm, 6mm, 8mm, 10mm
& 12mm.

TECHNICAL SPECIFICATIONS

Performance data

	DIAMANT®						
Thickness (mm)	2	3	4	6	8	10	12
Visible Parameters							
Light Transmittance, T _L	91%	91%	91%	91%	91%	90%	90%
Energetic Parameters							
Solar Energy Transmittance, T _E	91%	90%	90%	89%	88%	87%	86%
Absorption, A _{E1}	1%	2%	2%	3%	4%	5%	6%
Solar Factor, g Value	0.91	0.91	0.90	0.90	0.89	0.88	0.88

DIAMANT® is CE and UKCA marked. Light and solar performance according to EN 410. Performance data calculated using Calumen III 1.27 and is correct at the time of publishing (29.08.2024) but is subject to change at any time.



CERTIFICATION & CE MARKING

DIAMANT® and products manufactured using DIAMANT® are fully CE marked.

Declarations of Performance (DoP) can be downloaded from our CE marking website:

[HERE](#)

www.saint-gobain-glass.co.uk/en-gb/ce-marking



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