CARLTON GLASS
嘉 升 玻 璃

EST. 1987
SINGAPORE



1987	8,000 m²	S$8M+	ISO 9001
Established	Factory floor	Invested in machinery	Certified quality system

Precision-processed glass, since 1987.

Cutting, tempering, laminating and heat soak testing, all in-house.

ISO 9001 certified	SS 341	bizSAFE 3	8,000 m²
	Safety glazing · TÜV SÜD	Safety & health	Processing facility

01 — ABOUT US

The manufacturer behind the glass.

Almost 40 years of turning raw glass into finished, certified panels for Singapore's homes and buildings.



Our 8,000 m² processing facility at Changi North.

WHO WE WORK WITH

Contractors & fabricators

Accurate sizing, reliable lead times, quick replacements.

Renovation & design firms

Samples, spec sheets and certified safety glass.

Architects & ID consultants

Technical advice on glass type, thickness and safety.



Glass stock, ready for processing.

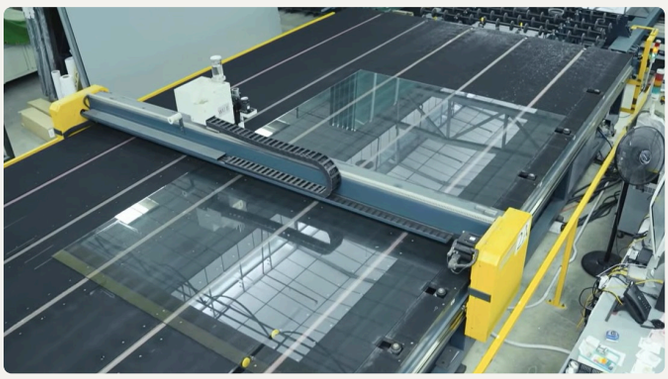


Handling large panels.

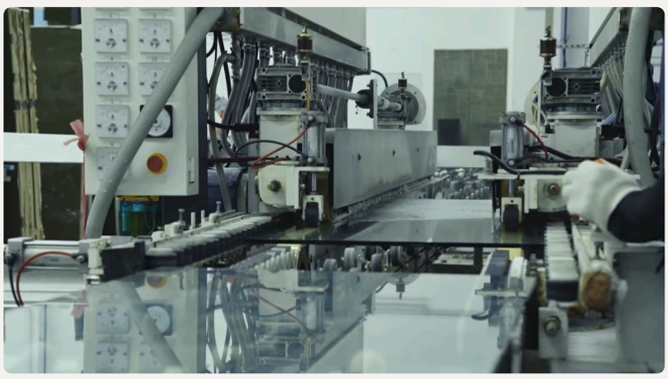
Project support On-site support for larger projects, alongside our contractor partners.

Every process under one roof.

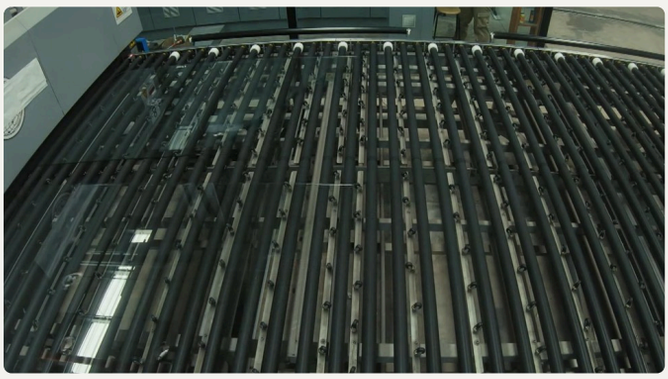
From raw glass to finished, tested panels, all in our own factory.



Automated cutting table.



Edge processing.



Tempering line.



Our team on the production floor.

01
Cut to size
Any size, fast turnaround.

02
CNC shaping
Round, curved and custom shapes.

03
Tempering
4–5× stronger than ordinary glass.

04
Heat strengthening
2× stronger, with excellent flatness.

05
Laminating
Stays in place if broken.

06
Heat soak testing
Reduces risk of spontaneous breakage.

07
Spray painting
A wide range of colours.

08
Frosting & satin finish
Privacy that still lets light in.

QUALITY & COMPLIANCE

ISO 9001
Certified quality management.

SS 341 · TÜV SÜD
Certified safety glazing.

bizSAFE Level 3
Workplace safety & health.

3.1

Clear glass

For partitions, railings, windows, doors and staircases.





Partitions, railings, shower screens.

Thickness	Max size (mm)	Heat strengthened	Tempered	Laminated	Heat soaked
3mm	1830 × 2440	—	—	●	—
4mm	2140 × 3660	—	●	●	●
5mm	2800 × 4880	●	●	●	●
6mm	2800 × 4880	●	●	●	●
8mm	2800 × 5200	●	●	●	●
10mm	2800 × 5200	—	●	●	●
12mm	2800 × 5200	—	●	●	●
15mm	2800 × 5100	—	●	●	●
19mm	2800 × 5100	—	●	●	●

3.2

Low iron glass

Extra clear, with minimal green tint. Best for frosted and painted glass.




Extra-clear low iron; back-painted low iron.

Thickness	Max size (mm)	Heat strengthened	Tempered	Laminated	Heat soaked
5mm	2800 × 4880	●	●	●	●
6mm	2800 × 5100	●	●	●	●
8mm	2800 × 5100	●	●	●	●
10mm	2800 × 5100	—	●	●	●
12mm	2800 × 5100	—	●	●	●
15mm	2800 × 5100	—	●	●	●
19mm	2800 × 4000	—	●	●	●

● Available — Not available Processes may depend on glass size.

3.3

Pattern glass

Sharp reeded, round reeded and extra-clear Flutelite, for doors, cabinets and partitions.



Pattern glass samples and a reeded partition.

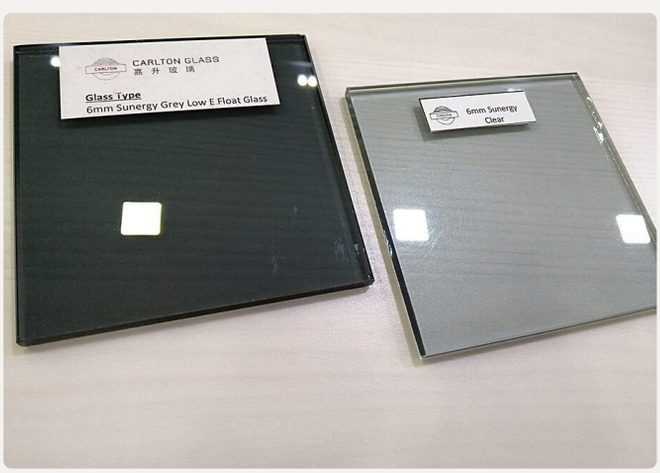
Type	Thickness	Max size (mm)	Heat strengthened	Tempered	Laminated	Heat soaked
Sharp reeded	5mm	2000 × 3300	●	●	●	●
	8mm	2000 × 3300	●	●	●	●
	10mm	2000 × 3300	●	●	●	●
Round reeded	5mm	2000 × 2800	—	—	●	—
Flutelite	8mm	2440 × 2100	●	●	●	●

3.4

Low-E glass

Keeps interiors cooler. For façades, skylights and canopies.

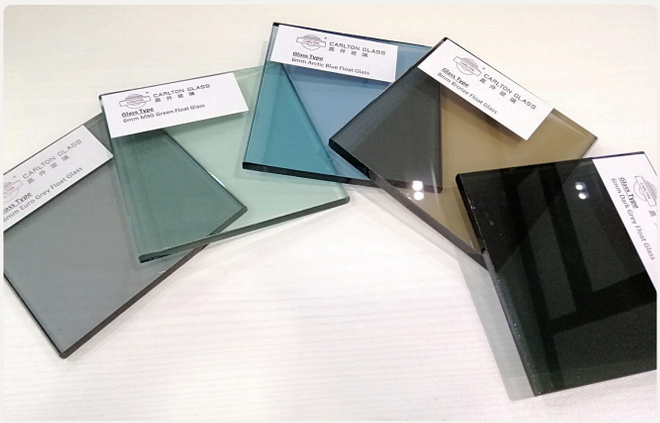
Heat	UV	Daylight
Reflected out	Reflected out	Passes through



Sunergy Grey vs Euro Grey.

Type	Thickness	Max size (mm)	Heat strengthened	Tempered	Laminated	Heat soaked
Sunergy Clear	6mm	2800 × 5100	●	●	●	●
	8mm	2800 × 5100	●	●	●	●
Sunergy Grey	6mm	2800 × 5100	●	●	●	●

● Available — Not available Processes may depend on glass size.



3.5

Tinted glass

Adds colour, cuts heat and glare.

Euro Grey **French Green** **Arctic Blue** **Bronze** **Dark Grey**

Indicative colours. Ask for samples.

Tint	Thickness	Max size (mm)	Heat strengthened	Tempered	Laminated	Heat soaked
Euro Grey	5mm	2440 × 3660	●	●	●	●
	6mm	2800 × 3660	●	●	●	●
	8mm	2440 × 3660	●	●	●	●
	10mm	2440 × 3660	—	●	●	●
	12mm	2440 × 3660	—	●	●	●
French Green	5mm	2140 × 3660	●	●	●	●
	6mm	2440 × 3660	●	●	●	●
Arctic Blue	6mm	2438 × 3353	●	●	●	●
Bronze	6mm	2438 × 3300	●	●	●	●
	8mm	2134 × 3300	●	●	●	●
	10mm	2438 × 3300	—	●	●	●
	12mm	2440 × 3660	—	●	●	●
Dark Grey	6mm	2440 × 3660	●	●	●	●

● Available — Not available Processes may depend on glass size.

3.6

Mirrors

Cut to any size or shape.





Cabinet and CNC-cut round mirrors.

Mirror	Thickness	Max size (mm)	Heat strengthened	Tempered	Laminated	Heat soaked
Clear / low iron	5mm	2440 × 3660	—	—	●	—
	6mm	2440 × 3660	—	—	●	—
Tea bronze / smoke grey	6mm	2134 × 3660	—	—	●	—

● Available — — Not available Processes may depend on glass size.

3.7

Decorative & custom glass

Painted, frosted or shaped. Just ask.



Spray-painted colours



CNC-cut shapes



GET IN TOUCH

Let’s talk about your next project.

OFFICE	(65) 6742 6882
WHATSAPP	(65) 9668 6720
WEB	www.carltonglass.com.sg
FACTORY	29 Changi North Crescent Singapore 499619
SOCIAL	Carlton Glass Enterprise Instagram · Facebook

Scan to contact us on WhatsApp

ISO 9001 · SS 341 (TÜV SÜD) · bizSAFE LEVEL 3

ESTABLISHED 1987