

Flat Glass

Flat glass is the main product used in all glass applications. Through various processing methods, it can be transformed into insulated glass units, tempered glass, heat-strengthened glass, enamelled glass, curved glass, coated glass, and mirrors. It is available in split, machine, and jumbo sizes ranging from 4 mm to 8 mm. Custom cutting services are also available upon request.

PRODUCT	THICKNESS (mm)	Standard Size (mm)	Thickness Tolerance
Clear Glass	4,0	3210x2250	± 0,2
Clear Glass	5,0	3210x2400	± 0,2
Clear Glass	6,0	3210x2500 3210x6000	± 0,2
Clear Glass	8,0	3210x2250	± 0,3

Tinted Glass

Şişecam Tinted Flat Glass is a colored glass product developed during the batching stage of Şişecam Flat Glass production. With its rich color options, it offers designers and end-users the ability to create aesthetic, modern, and visually striking spaces. In façade applications, it reduces solar heat gain, helps maintain interior temperature balance, minimizes glare caused by sunlight, and provides a more comfortable living or working environment.

It also enhances energy efficiency in air-conditioned spaces by reducing the need for cooling, thereby contributing to energy cost savings. Various secondary processes can be applied to Şişecam Tinted Flat Glass to produce insulated glass units, tempered glass, heat-strengthened glass, enamelled glass, curved glass, and coated glass. Green and grey are the standard color options offered.

PRODUCT	THICKNESS (mm)	Standard Size (mm)	Thickness Tolerance
Green Glass	8,0	3210x2250 3210x6000	± 0,3
Blue Glass	8,0	3210x2250 3210x6000	± 0,3
Bronze Glass	8,0	3210x2250 3210x6000	± 0,3

PRODUCT	THICKNESS (mm)	Standard Size (mm)	Thickness Tolerance
Smoked Glass	4,0	3210x2250 3210x2500 3210x6000	± 0,2
Smoked Glass	5,0	3210x2250 3210x2500 3210x6000	± 0,2
Smoked Glass	6,0	3210x2250 3210x2500 3210x6000	± 0,2
Smoked Glass	8,0	3210x2250 3210x2500 3210x6000	± 0,3

Tempered Glass

The tempering process involves heating and cooling stages on a horizontal line to induce compressive stress on the outer surfaces of the glass and indirect tensile stress at its core. Fully tempered glass is approximately five times more durable than untreated glass. When broken, it shatters into small, granular pieces resembling ice particles rather than large, sharp shards. This reduces the risk of injury compared to standard flat glass. Also known as toughened glass, it is a type of safety glass.

Tempered glass is commonly used in applications where both strength and safety are critical, such as façade glazing, home appliances, the automotive industry, shower and bathtub enclosures, furniture glass, railings, balustrades, and balcony glazing systems. These are areas where the glass is expected to resist breakage but, if it does break, should not cause harm to users.

No cutting, drilling, edge work, or surface processing (except sandblasting) can be performed after the tempering process.

Minimum size: 300 x 300 mm / Maximum size: 1500 x 2000 mm.

PRODUCT	THICKNESS (mm)	Minimum Size (mm)	Maximum Size (mm)	Thickness Tolerance (mm)
Tempered Glass	4,0	300x300	1000x2000	± 0,2
Tempered Glass	5,0	300x300	1500x2000	± 0,2
Tempered Glass	6,0	300x300	1500x2000	± 0,2
Tempered Glass	8,0	300x300	1500x2000	± 0,2

Satin Glass

Satina Glass provides excellent results wherever privacy is needed, making it an essential element in your decorative applications with its silky texture and varying levels of light transmission.

Featuring a consistent and homogeneous appearance, Satina Glass resists fingerprints, prevents light reflection, and is resistant to scratches. It can be produced in all Şişecam flat glass colors and is compatible with all processing techniques applicable to flat glass, including tempering.

Unlike sandblasted glass, Satina Glass is produced using acid etching, making it a refined solution for your decorative and architectural glass needs.

PRODUCT	THICKNESS (mm)	Standard Size (mm)	Thickness Tolerance
Satin Glass	4,0	3210x2250	± 0,2
Satin Glass	5,0	3210x2250	± 0,2
Satin Glass	6,0	3210x2250	± 0,2
Satin Glass	8,0	3210x2250	± 0,2

