

# China 10mm frameless strong toughened glass pergola glass wholesale supplier

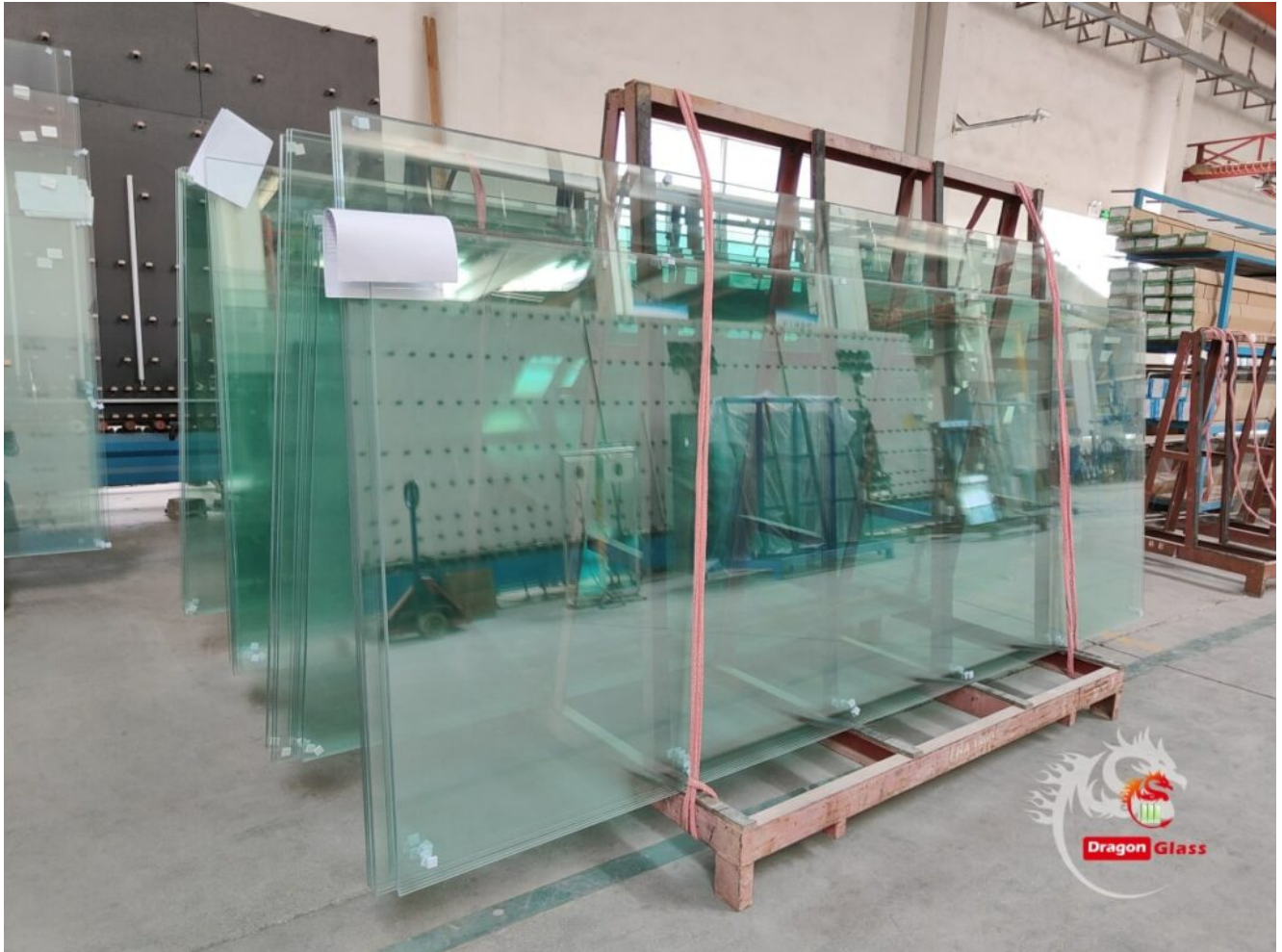


## What is safety frameless toughened glass pergola glass

A toughened glass pergola is a stylish and functional addition to outdoor spaces. Reach the pinnacle of indoor-outdoor living, with our top A-grade toughened glass for pergola – which ensures your outdoor space is perfect, whatever the weather.

An outdoor glass pergola not only adds beauty to your outdoor area but also extends your living space, allowing you to enjoy the outdoors year-round. Whether it's for entertaining, relaxation, or simply appreciating the view, a toughened glass

pergola is a delightful addition to any home!



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## **Why use toughened glass for outdoor glass pergola?**

1. • Up to 5x stronger than annealed
2. • Up to 3x stronger than heat-strengthened
3. • It breaks into small pebbles instead of large shards reducing the risk of serious injury.
4. • Perfect for thermal resistance and impacts, withstand high-temperature changes of up to 250°

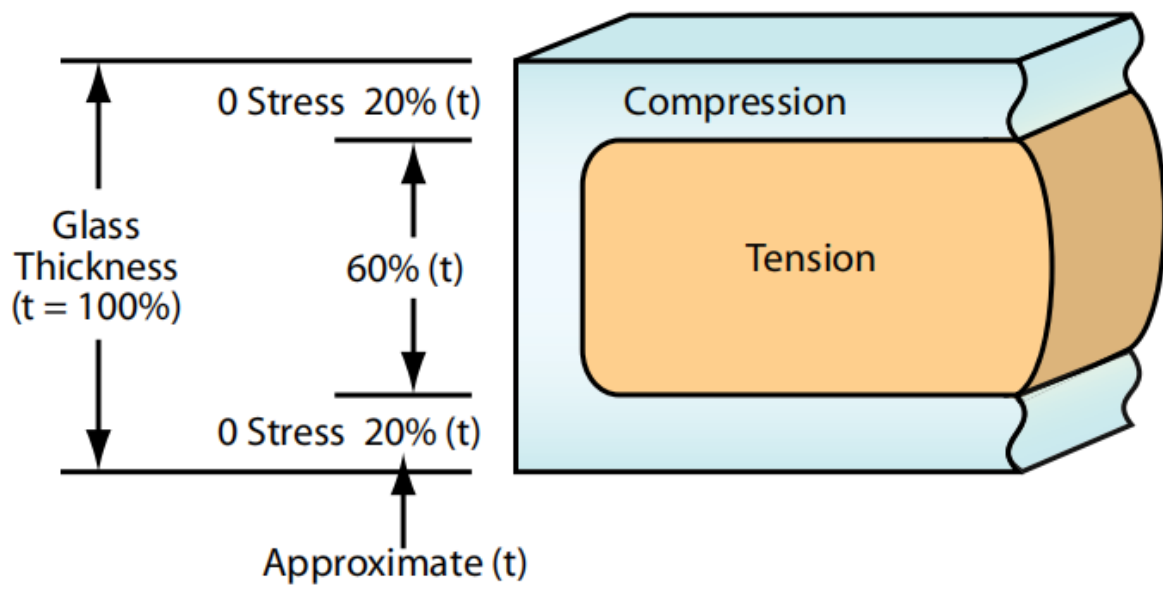
5. • Not change any of the visual qualities of the glass such as solar radiance and light transmission.
6. • A very high edge strength allows it to withstand thermal breakage.

## How to produce 10mm toughened pergola glass

Tempered glass is the process of heating annealed glass, using a special furnace, to an even and uniform temperature of about 700°. Once the glass is heated up, it is removed from the furnace and rapidly cooled down. This puts the glass in a state of compression while the core of the glass stays within tension.

Due to [tempering](#), a stress pattern is developed by the glass and the mechanical strength of the tempered glass is up to 5x higher than that of annealed glass.

When tempered glass is broken, all the stored energy from the stress pattern is released at once and the glass breaks into very small pebbles.



# Benefits

- 100% use of natural light.
- Does not distort the environment.
- Resistant to adverse weather conditions.
- An ideal system for the sector, attics, balconies, and porches.
- Perfect for use and enjoyment 365 days a year.
- Create new spaces, previously wasted.
- Materials and finishes of high quality and durability.
- Its multiple options make it a versatile system.

# Specifications:

<b>Production name:</b> 10mm frameless toughened glass pergola glass
<b>Glass thickness:</b> 10mm, other thicknesses 8mm, 12mm, 5 mm+5 mm, and 6 mm+6 mm, custom is also available.
<b>Glass color:</b> Clear, other colors low iron, bronze, blue, green, grey, etc available.
<b>Shape:</b> Flat or curved.
<b>Quality:</b> CE/ASTM/AS/IS09001/BS.
<b>Packing:</b> Strong Plywood Crates; Customized individual packaging or mixed packaging is available.
<b>Capacity:</b> 1000 SQM/day.





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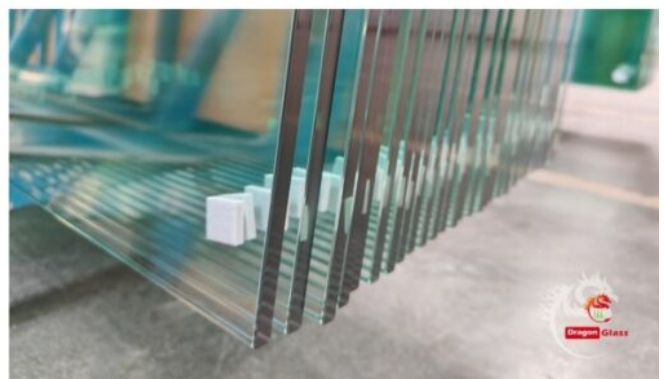
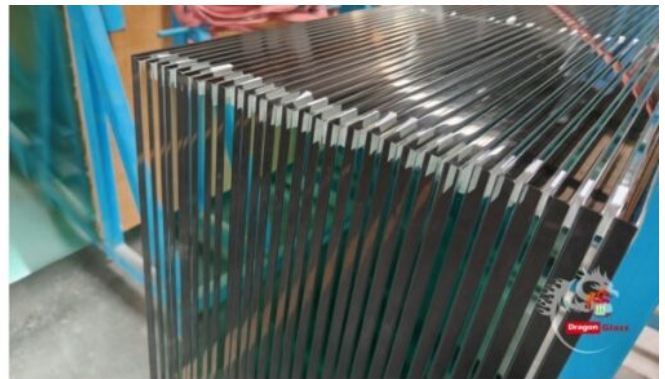




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## Application:



*Sliding Glass Doors Pergola*





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*Sliding Glass Doors Pergola*

**Packing and delivery:**





10mm frameless outdoor glass pergola is perfect for enjoying your outdoor area even on any weather day and experiencing many magical hours with family and friends.

[Shenzhen Dragon Glass](#) offers the best quality 10mm toughened outdoor glass pergolas, which are ideal as accessories for our pergolas as well as for our glass roofs.

Want the option to switch between outdoor and indoor living at will? Contact our sales team and the design should align with



your style of the pergola glass. Enjoy creating your beautiful glass pergola!