

Curved Glass Architecture: Super Elegance with R700 Small Radius Curved Tempered Glass



Curved glass architecture is revolutionizing modern building designs, bringing aesthetic appeal and enhanced functionality to contemporary structures.

Shenzhen Dragon Glass' innovative solutions in this field are the R700 small-radius curved tempered glass, which offers remarkable strength, flexibility, and visual appeal.



curved glass facade building

What is Small Radius Curved Tempered Glass?

Small radius curved tempered glass is a high-strength glass that undergoes a specialized bending and tempering process to achieve a curved shape with a small radius. It is widely used in curved glass buildings, interior design, and custom

architectural projects.

Benefits:

Choosing R700 small radius curved tempered glass provides multiple benefits, including:

Safety

Tempered bent glass makes it resistant to impacts, scratches, and breakage; in case of breakage, the glass shatters into small, blunt pieces, reducing the risk of injury.

Aesthetics

The big glass allows maximum light to pass through, making your building feel larger and more open. The crystal-clear glass provides a clean, luxurious look, ideal for modern and minimalist designs.

Flexibility

Curved glass provides endless design possibilities. Whether you prefer a sleek, minimalistic look or a more elaborate design, curved glass can be customized to suit various curved glass building themes.

Durability

Tempered glass, used for bent glass architecture, is up to five times stronger than regular glass, offering added security and longevity.

Enhanced design possibilities

Bent glass architecture enables architects to create fluid, organic designs that are impossible with traditional flat glass. Whether used in facades, partitions, or skylights, curved glass enhances the visual impact of a space.

Enhances Sustainability

Bent glass architecture contributes to sustainability by optimizing natural light, reducing the need for artificial lighting, and improving energy efficiency through advanced glazing techniques. Tempered glass also has a longer lifespan, reducing replacement frequency.

Specifications:

Production name: R700 Small Radius Curved Tempered Glass
Glass thickness: 8mm+16Ar+8mm, other sizes of 6mm+12A+6mm, 8mm+12A+8mm, etc. Custom is also available.
Spacer: 16A, other spacers like 6A, 9A, 12A, 15A, and 20A are available.
Maximum arc length: 1600mm
Maximum height: 3300mm
Spacer colors: Black, silver.
Sealing: Double sealing method.
Transmittance: 2%~82%
Argon-filled: Available
Shape: Curved.
Quality: CE/ASTM/AS/ISO9001/BS.
Packing: Strong Plywood Crates; Customized individual packaging or mixed packaging is available.
Capacity: 2000 SQM/day.



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Curved Glass Architecture Application:

Minimum bending radius: R700, these specifications ensure that we can meet diverse architectural needs while maintaining the highest quality standards. Small radius curved glass is utilized in various applications, such as:

- **□ Facade systems:** Modern curved glass buildings often feature sweeping glass facades that create a striking visual impression while improving energy efficiency through optimized insulation.
- **□ Glass partitions:** Curved glass partitions add a touch

of sophistication to office spaces, hotels, and retail stores by creating open yet defined areas.

- **☐ Railings and balustrades:** Using small radius curved tempered glass for railings and balustrades enhances safety without obstructing views, making it an ideal choice for balconies, staircases, and terraces.
- **☐ Skylights and domes:** Curved tempered glass is commonly used in skylights and domes to introduce natural light in a seamless and stylish manner.



Shenzhen Dragon Glass Curved Glass Railing



Shenzhen Dragon Glass Curved Glass Railing

Why Choose Our Small Radius Curved Tempered Glass?

We are committed to delivering high-quality curved glass solutions tailored to your architectural needs. With state-of-the-art production facilities and strict quality control, we ensure that our small radius curved tempered glass meets international standards for strength, durability, and clarity.

Packing and delivery:



Shenzhen Dragon Glass Curved Glass

Curved glass architecture continues to shape the future of building design, offering innovative and aesthetic solutions. Whether for a modern curved glass building facade or an elegant interior space, R700 small radius curved tempered glass is the ideal choice for architects and designers aiming to push the boundaries of structural creativity.

Ready to build your glass architecture? [Contact us](#) today to discuss how curved glass can future-proof your building with curved glass.