CORNING
Gorilla® Glass

Interior Architecture

Tough, yet elegant.

Product Information

Corning® Gorilla® Glass offers a unique combination of toughness, elegance and design freedom for interior architecture.

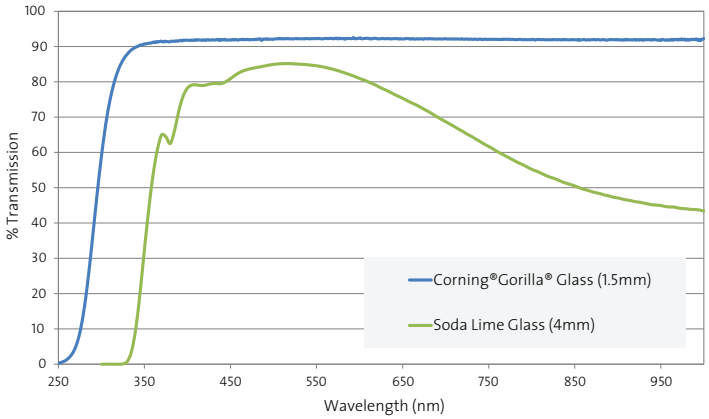
Benefits

- The optical clarity of the glass enables customers to realize their vision through true color match - whether pristine whites or vibrant colors
- Tough and durable, thin Corning Gorilla Glass preserves and helps protect the material beneath it with excellent durability and scratch resistance
- Thin, lightweight Corning Gorilla Glass allows refurbishment and new design within tight elevator weight budgets
- Corning Gorilla Glass provides endless possibilities for custom decoration

Properties

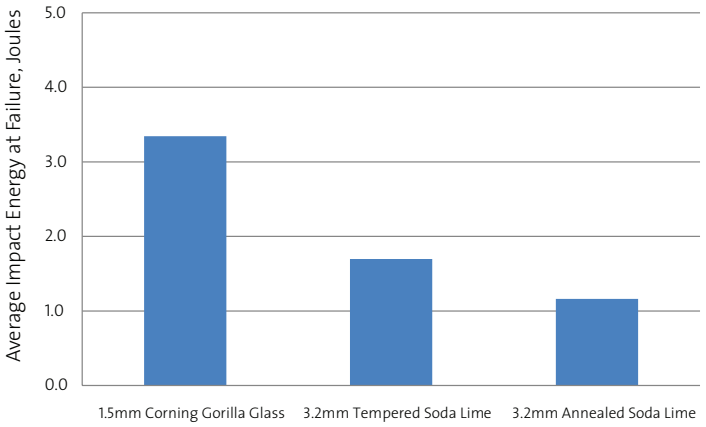
Size (maximum)	1390 mm x 1270 mm
Standard glass thickness	1.5 mm Others available upon request
Weight	3.66 kg/m² at 1.5 mm
Visible light transmission	Up to 92%
Chemical strengthening Compressive stress Typical depth of layer	 > 680 MPa > 40 µm
Standards testing	Meets ASTM standards for flat glass. With qualified panel backer, meets U.S. standards for indoor use, including CPSC 16, CFR 1201, ANSI Z97.1-2009, ASTM E84, ANSI maximum impact Class A, and CPSC maximum impact level Cat II.
Decoration	Solid colors, custom high resolution digital images, anti-glare frosting
Standard edge profile	C-Ground/Pencil

Superior optical clarity



Corning Gorilla Glass exhibits higher transmission performance and superior optical clarity in the visible range.

Greater impact resistance



Data is based on ball-drop impact with 535g steel ball.

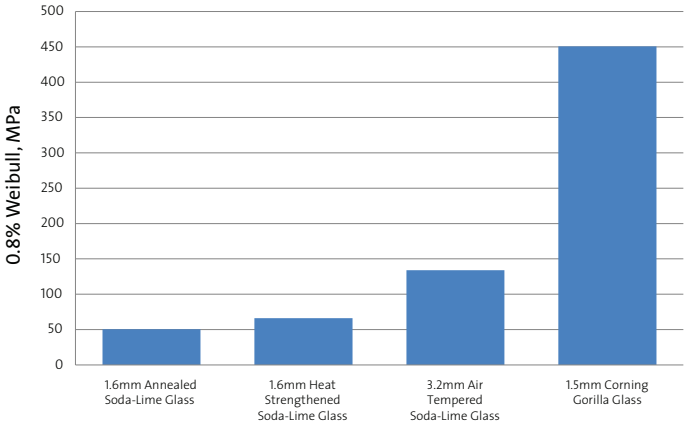
Corning Gorilla Glass demonstrated greater resistance to impact as compared to soda-lime glass typically used in interior architectural applications.

Lighter weight

Glass	Thickness (mm)	Weight per area kg/m²
Corning Gorilla Glass	1.5	3.66
Soda-Lime Glass	3.2	8.1

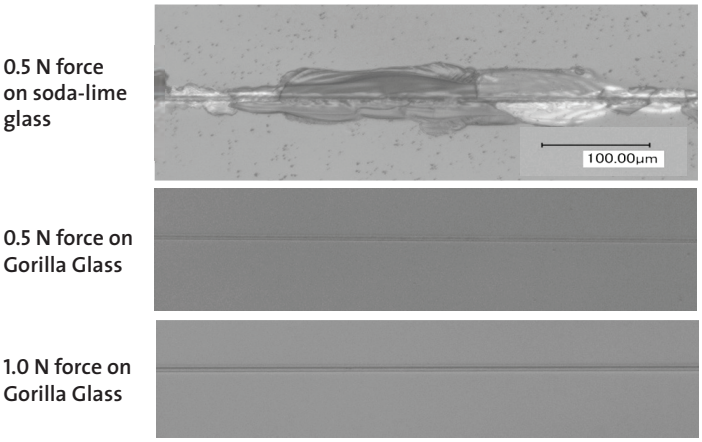
Corning Gorilla Glass offers similar performance with a thinner glass that is lighter than a typical soda-lime product.

Superior bending strength



In accordance with the ASTM E-1300 protocol (calculated 0.8% probability of failure), Corning Gorilla Glass demonstrated superior bending strength, enabling the use of thinner glass to support the same load when compared to soda-lime glass.

Greater scratch resistance



When subjected to a scratch resistance test involving loads of 50g of force (Knoop indenter), Corning Gorilla Glass showed greater scratch resistance compared to air tempered soda-lime glass. All results shown at same magnification.

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For more information: gorillaglass@corning.com, CorningGorillaGlass.com