

TEMPERED SAFETY GLASS

Safety & Standards

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Strength

RELIANCE HOME Tempered Glass is approximately 4 to 5 times stronger than ordinary annealed glass. It has a higher bending strength and is more resistant to impact.

Color

In addition to clear glass, **RELIANCE HOME** Tempered Glass also comes in various colors or tints, and can be reflective or low energy as well.

Thermal Stress Resistant







RELIANCE HOME Tempered Glass is more resistant to thermally induced stress and can, therefore, resist thermal shock which can cause ordinary annealed glass to crack.



Fabrication

RELIANCE HOME Tempered Glass cannot be drilled, cut or edged after being heat treated. All dimensions and specifications must be determined before the glass is tempered.

Certifications

Accreditation Body	Certificate Number	Standard Description
	BMP 555249	BS EN121250 - 1:2000 - Glass in Building - Thermally toughed soda lime silicate safety glass
	BMP 552816 (ID2394)	ASTM C 1048-12 Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass
	AR 2502	Manufacture of heat treated glass, laminated glass, insulated glazing units and ceramic frit coated and heat treated safety glass for various industries such as building, marine, furniture and home appliances as accordance to the standard of ISO9001:2008 quality management system.
 	2871	Has met all guidelines and requirements for the IGCC/IGMA certification program. The glass is in compliance with ASTM E2190 for seal durability of insulating glass units and passing gas content initial and after weathering (GCIA) certification requirements.
	MY-AR 2502	Manufacturer of heat treated glass, laminated safety glass, insulated glazing units and ceramic frit coated and heat treated glass.