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Address	Singapore Safety Glass Pte Ltd No. 112, Pioneer Road 639593 Singapore
Country	Singapore

PRODUCTS OR MACHINERY

Supplier of Tempered Glass, Laminated Safety Glass, Ceramic Frit Glass, Insulation Glass Unit, Specialty Glass, Bullet-Resistant Glass, Anti-Bandit Glass

DURAGLAS Tempered Glass uses the thermal process to enhance the basic strength of float glass. It is float glass (annealed glass) heated to near its softening point and then rapidly quenched by directing jets of cold air onto its surface. As the surfaces cool quicker than the core, the surfaces are placed in compression. This tempering process produces highly desirable conditions of induced stress, which results in additional strength, resistance to thermal stress and impact resistance. This process, however, does not alter the visible light and solar radiant heat properties of the glass. Wind pressure, foreign object impact and thermal stresses on other applied loads must first overcome this compression before there is a possibility of breakage.

AREA OF USAGE

- Windows
- Glass facades
- Shop fronts
- Structural glass
- Shower screens
- Bathtub enclosures
- Escalator side panels
- Sliding or swing doors
- Furniture and interior decoration
- Showcases
- Partitions
- Squash court walls
- Balustrades
- Glass tables
- Floors
- Wall claddings

Company Profile of **Singapore Safety Glass Pte Ltd**

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