

Armourplate®

Toughened Safety Glass

DESCRIPTION

Armourplate® toughened safety glass is ideal for bolted structural glazing and frameless applications. Superb resistance to thermal stress makes Armourplate® ideal for applications such as refrigerator and oven doors, where ordinary annealed glass would be likely to fracture. Armourplate® is available in different thicknesses and various colours.

TYPICAL APPLICATIONS

- Frameless doors
- Bolted assemblies
- Sliding or patio doors
- Balcony enclosures
- Shower doors and bath enclosures
- Barriers e.g. pool fencing
- Balustrades
- Table tops
- Squash courts (approved by the World Squash Federation)

BENEFITS & FEATURES

- Strength
- Thermal resistance
- Hail resistance
- Additional resistance to wind load

VARIATIONS

Available in the following colours:

- Clear
- Grey
- Bronze
- Serene Green

LEGISLATION AND STANDARDS

Armourplate® meets the safety glass requirements of SANS 1263 Part 1.

Transparent Float Glass	
Nominal Thickness (mm)	Approximate Mass (kg/m ²)
4	10
5	12.5
6	15
8	20
10	25
12	30
15	37.5 (250 kg max)
19	47.5 (250 kg max)

SIZES & THICKNESSES

Armourplate® is available in thicknesses ranging from 4 mm – 19 mm. The maximum size that can be processed is 3660 mm x 2440 mm, subject to a maximum weight of 250 kg. Different maximum sizes will depend on application and design load.

