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.

<table>
<thead>
<tr>
<th>Nominal Thickness (mm)</th>
<th>Approximate Mass (kg/m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>12.5</td>
</tr>
<tr>
<td>6</td>
<td>15</td>
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<td>8</td>
<td>20</td>
</tr>
<tr>
<td>10</td>
<td>25</td>
</tr>
<tr>
<td>12</td>
<td>30</td>
</tr>
<tr>
<td>15</td>
<td>37.5 (250 kg max)</td>
</tr>
<tr>
<td>19</td>
<td>47.5 (250 kg max)</td>
</tr>
</tbody>
</table>

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.