

Laminated Safety Glass





# Everyday safe

Providing Grade A safety with a number of additional benefits

Protekta<sup>™</sup> is ideal for low level glazing applications, providing safety where people may intentionally or unintentionally come into contact and break the glass. Offering increased resistance to penetration through the glass, Protekta<sup>™</sup> can also reduce the fading of furniture and help dampen unwanted noise.

#### **Applications**

- Any safety glazing where distortion free glazing is required
- Internal glazing, partitions
- Low level glazing below 1000mm where a safety glass is required
- Overhead glazing and sloped glazing
- Windows, doors and sidelights both to act as a safety glass and to virtually eliminate the transfer of UV from the outside to the inside

#### **Benefits**

- Cost effective Grade A safety glass to AS/NZ 2208
- Stockable and cuttable
- Breaks safely with glass pieces bonding to the interlayer and remains in the opening if broken. In certain applications, for example awnings and certain balustrades, the use of a toughened laminated glass is recommended
- Available in a range of thicknesses dependent on the application and/or size of finished glass required
- Easily incorporated within many KlymetControl™ IGU products

#### **Benefits**

- Highly resistant to UV penetration, screening out >99% of all ultra violet light, in turn helping to protect carpets and furnishings from fading
- Distortion free
- Available manufactured with a range of different toned interlayers to suit different applications, aesthetic and performance requirements needed
- Can provide more effective noise reduction when compared to the same thickness of float glass

### Suitable for overhead glazing

Protekta<sup>™</sup> helps prevent objects from falling through the glass when used in awnings, roofing or overhead applications.

#### Distortion free

Protekta™ is a perfectly flat and distortion free glass manufactured by permanently bonding two annealed pieces of glass together with the interlayer during a carefully managed heat and pressure process.

## Maintains integrity even when broken

Protekta™ manufacturing process ensures that the glass permanently adheres to the interlayer and helps to keep the integrity of the laminated piece of glass intact, even if subsequently cracked or broken.





www.solosglass.com.au

possibilities@solosglass.com.au Call 1800 4SOLOS An MHG Company



