

# Storm

Certified cyclone resistant glass that allows a building to remain habitable after a cyclone passes.





# Storm

StormGuard

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## Storm

# Protection against nature's most powerful storms

Viridian **StormGuard™** cyclone resistant glass has been specifically designed for buildings in Australia or New Zealand's cyclone prone regions described by AS/NZS1170.2, or wherever buildings require protection from strong winds and airborne debris.

### Description

StormGuard cyclone resistant glass is a laminated safety glass that incorporates an extra thick interlayer to resist penetration from flying debris such as timber associated with cyclones. Even if the glass is impacted and broken, it still retains its weather-tight ability allowing the building to remain habitable after a cyclone passes.

StormGuard cyclone resistant glass is suitable for all buildings in strong wind areas, specifically buildings that need to be habitable during and immediately after a cyclone – for example hospitals, emergency services, defence and government buildings, hotels and homes.

### Features and benefits

- ◆ Clear vision without the need for storm shutters.
- ◆ Protection from the weather even if glass is impacted.
- ◆ Tested to exceed AS/NZS1170.2.<sup>1</sup>
- ◆ Grade A safety glass.
- ◆ When broken, withstands wind pressure of 4.38 Kpa<sup>2</sup> for 5000 cycles.
- ◆ Range of tones and solar control options.
- ◆ Security, noise reduction, UV protection.

<sup>1</sup> Tested to withstand a 4kg piece of timber 100mm x 50mm cross section, striking the glass at 15m/s. Test FDLT-R-157A.

<sup>2</sup> Glass size 1850mm x 1150mm tested after impact of 24m/s by a 4.2kg 45mm x 95mm timber on end at 60° angle.

Note: The glass needs to be incorporated into a window frame capable of retaining the glass in positive and negative wind cycles.

## StormGuard™

### Applications

- ◆ Hospitals
- ◆ Hotels
- ◆ Emergency services
- ◆ Defence and government buildings
- ◆ Apartment blocks

### Maximum thickness

- ◆ Laminated – 12.28mm
- ◆ Laminated – 13.88mm

### How to specify

- ◆ **Select glass name**  
Viridian StormGuard
- ◆ **Select thickness – process**  
12.28mm or 13.88mm – Laminated
- ◆ **Select colour**

This glass must be glazed into a window frame designed to provide appropriate glass retention.

