

SECUR 5510

The approved glass
for cyclone protection - by TGSG
Keep your place safe from cyclone

SECURE 5510 Cyclone Resistant Glass of TGSG is specially designed to withstand the destructive effects of strong winds and flying debris during Cyclone. Unlike ordinary glass, SECURE 5510 reinforces the protection to all buildings from massive destructions of severe storm and Cyclone.



SECUR 5510 Cyclone Resistant Glass is a Grade A laminated safety glass certified to AS/NZS 2208 available in one standard 13.80mm thick made up of 2 lites of 5mm annealed glass and multi PVB interlayers. The certified product has been tested and able to resist flying debris penetration as specified in AS/NZS 1170.2 and withstand wind pressure of 4.38 Kpa (approx 300km/h wind velocity) from Cyclic Test to AS 4040.3



Security Glass



SECURITY



NOISE
REDUCTION



UV
PROTECTION



CLEAR
VISION

TGSG

Applications

- Windows & doors of household and office buildings
- Shop fronts
- Any building in coastal regions and islands
- Wherever in risk of storms and Cyclone

Features & Benefits

- manufactured and certified to AS/NZS 2208 as Grade "A" safety glass
- tested to AS/NZS1170.2 for Cyclone rated
- excellent in resistance to high impact penetration
- clear vision and high light transmission
- security, noise reduction and UV control
- available in clear and tinted with cut to size and stock size
- available in high performance glass for energy saving and/or solar control

Note : The glass needs to be fully glazed into frame with min. 25mm bite. Steel frames are preferably recommended. And glazing adhesives like Silicone must be used.

Relative Cyclone Category & SECUR 5510 Cyclone Resistant Glass Rated

Cyclone Category	Description	Average Wind Speed (km/h)	Power of destruction	SECUR 5510 Rated
1	Gales & Strong Gales	110 - 125	Damage to some crops, tree, and neglected houses	✓
2	Storms & Violent Storms	125 - 170	Damage to signs, trees, and small houses	✓
3	Hurricane	170 - 225	Some roof and structural damage	✓
4	Hurricane	225 - 280	Significant roofing loss and structural damage	✓
5	Hurricane	Over 280	Extremely dangerous with widespread destruction	✓