

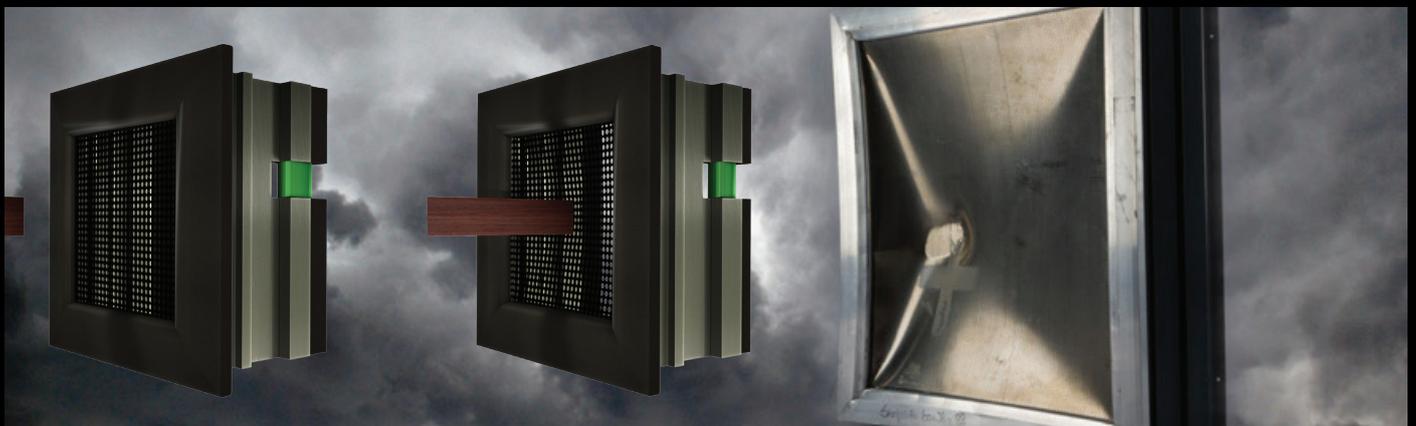
# ClearShield

## Cyclone-Shield

ClearShield is the market leader in design and technically superior cyclonic protection solutions. Ranging from full cover impact screens for Region C to Region D V10000 POE, and designed exclusively for Public Cyclone Shelters, ClearShield has you and your property protected.

ClearShield Cyclonic products have undergone extensive independent testing to guarantee compliance to the stringent requirements imposed under AS/NZS 1170.2.2011. For your added peace of mind, ClearShield has tested both the smallest and the largest size of its commercially available screens to categorically prove compliance above and beyond the testing requirements outlined in the standard.

Typically, standards call for a P.O.E. (probability of exceedance) rating of v500 when requiring cyclonic debris protection on the building envelope. Given this factor, the minimum projectile speed that a cyclonic screen needs to successfully deflect for habitable buildings is 27.7m/s in a Region C Class area and 35.2m/s for Region D. Refer to our full brochure for detailed tables and other P.O.E. requirements.



**ClearShield**  
STAINLESS STEEL SECURITY



[clearshield.com.au](http://clearshield.com.au)

## Products

### Cyclone Screen

Designed for the application of Basic debris protection

- 0.8mm thick perforated Stainless Steel sheet
- T6 Hardened aluminium framing
- 'Large Missile' Impact resistance of up to 20m/s
- '8mm Ballistic' Impact resistance of up to 32m/s

### Hurricane Screen

Designed for the application of Medium to Heavy debris protection

- 1.5mm thick perforated Stainless Steel Sheet
- T6 Hardened aluminium framing
- ClearShield 'Energy Absorbing Frame' design
- 'Large Missile' Impact resistance of up to 36m/s
- '8mm Ballistic' Impact resistance up to 44m/s

### Tornado Screen

Designed for the application of Extreme debris protection

- Reinforced perforated web design  
1.5mm thick perforated Stainless Steel sheet
- T6 Hardened aluminium framing
- ClearShield 'Energy Absorbing Frame' design
- 'Large Missile' Impact resistance of up to 44m/s
- '8mm Ballistic' Impact resistance of up to 44m/s

## Technical Data

### Aluminium Framing

Grade:	6063 – T6
Coating:	Anodised – min 15um to AS1213-2000 Powdercoating – Chromate Pre-treatment and powdercoated to AS3715-2002
Warranty:	As per Coating Selection

### Stainless Steel Sheet

Grade:	T304-2B
Finish:	Satin Black Powder Coated
Warranty:	15 Years, subject to adhering to the recommended cleaning schedule
Coating:	Powdercoating – Oxilane Chrome Free Pre-treatment and powdercoated to AS3715-2002
Open Area:	0.8mm – 39%-41%, 1.5mm – 29%-31%
Dimensions:	Ø 2mm Round Holes, 60° Staggered Pitch, 3mm Spacings, 0.8mm Thick
Or:	Ø 2mm Round Holes, 60° Staggered Pitch, 3.5mm Spacings, 1.5mm Thick
Or:	Ø 3mm Round Holes, 60° Staggered Pitch, 5mm Spacings, 1.5mm Thick

## Compliance

Australian Standard	Product	Suitability
AS/NZS 1170.2-2011	Over 20 tests on all ClearShield products	Passed



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