ClearShield

Fire Attenuation Screens

Protection against fire and its radiant heat is a large factor in building design. The ClearShield Stainless Steel Screen has many features which can be utilised in areas which require sustained protection against ember attack, reduction in radiant heat (kW/m^2) and maintaining integrity when exposed to temperatures from heat sources directly adjacent to the ClearShield Screen. Tested by the internationally recognised Warrington Fire Research Group, ClearShield Fire Attenuation Screens are clearly your first choice when needing to protect openings in exposed areas.

ClearShield
STAINLESS STEEL SECURITY

GOOD DESIGN Selection

clearshield.com.au

Usage

Using specific fixing requirements, the standard ClearShield fixed security screen has been shown to conform to the testing requirements as outlined in AS1530.4.2014. Where in the past, you would need to have a solid firewall with no openings, the ClearShield Screen allows you to have openings and still be protected against radiant heat that would otherwise cause spontaneous combustion of elements in an exposed neighbouring building.

Suitable Products

ClearShield Screens*

*Special fixing requirements apply. Can only be installed as a non-openable, fixed screen

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 – Oxsilane Chrome Free Pre-treatment and powdercoated to AS3715-2002
Open Area:	39%-41%
Dimensions:	Domestic Grade Ø 2mm Round Holes, 60° Staggered Pitch, 3mm Spacings, **1.0mm** Thick

Compliance

Standard	Date of test	Test No.	Details	Result
AS1530.2014	28 Oct 2021	FRT210115	Test of CS Screen over 130mins exposed to 80kW/m²	AVG Transmitted Radiation 27kW/m² AVG Blocked Irradiance 65%

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