



Windowshield

Integrity only single coil fusible link small span fire shutter specification

PERFORMANCE REQUIREMENT:

The vertical fire shutter shall be supplied and installed in accordance with AS1905.2:2005, activation should be by UL approved 68 degree Centigrade fusible link located centre of the unit. When fire tested in accordance with Clause 3 Determination of Fire Resistance they shall provide a minimum Fire Resistance rating (FRR) of -/90/- and radiation transmission of no more than 15kW/m² measured at 365mm at 30 minutes.

Note: If system is being installed into a surrounding construction where the FRR of the construction is less than 90 minutes the maximum FRR the system can achieve is equal to the FRR of the wall. I.e a Windowshield installed into a -/60/60 construction will achieve an FRR of no more than -/60/-.

PRODUCT SPECIFIED

Windowshield fire shutter by Smoke Control T: 09 300 1980; info@smokecontrol.co.nz

System parameters;

- a) -/90/- FRR AS1530.4:2014
- b) Maximum size (opening size); 2.75m W x 2.75m H
- c) Dimensions
 - i) Headbox – 145mm H x 132mm W
 - ii) Side Guide – 90mm W x 50mm D
 - iii) Bottom sill (if required) – 50mm H x 50mm W
- d) System weight;
 - i) 20kg/m of system width

Ancillary items required; **(delete not applicable)**

- e) Maintenance: All fire shutters shall be listed on the Essential Services Register and shall be maintained by competent technicians in accordance with AS1851 and the manufacturers recommendations

APPLICATIONS

- Protection of openings in external walls (NCC C3.4)
- Protection of openings from SOU on to common corridor (NCC C3.11)

Note: Windowshield Fire Shutters have been used on projects requiring compliance with NCC volume 2 for class 1 & 10 buildings protection of openings on external walls in accordance with Clause 3.7.2.4 (c)(ii), as an acceptable construction. Please check with your certifier for acceptance of this system prior to specifying system.

Note: Some applications listed above may require a Performance Solution to be compliant. Please check with your Certifier prior to specifying this product.

INSTALLATION

Fire Shutters

The fire shutter shall be installed, certified, commissioned and tagged in accordance with AS1905.2 -2005 and this Fire Engineering Report by an ISO9001 Quality, ISO18001 WHS and ISO14001 Environment Accredited manufacturer.

Threshold

The shutter must deploy onto a fire rated or non-combustible threshold as per requirements of AS1905.2:2005 and AS1530.4:2014.

COMMISSIONING

Once installed it shall be demonstrated that the system shall fail safe on simulation of activation of linked. Unit should be then tagged with appropriate AS1905.2:2005 compliant tag.

Certificates of Compliance shall be issued by the sub-contractor in accordance with National Construction Code A2.2 and A2.3 Evidence of Suitability and AS1905.2:2005 Clause 7 Certification.

All details and approvals are current as of the date displayed. This document supersedes all previous versions.