Smokedam®

Suspended Glazed Smoke Baffle

PERFORMANCE REQUIREMENT:

The Smokedam Suspended Glazed Smoke Baffle system shall be supplied and installed in accordance with the deem-to-satisfy building code requirements under NCC2019 Specification E2.2b Clause 4. (a).

Note: The Smokedam Suspended Glazed Smoke Baffle system is non-load bearing and shall not be used to support ceilings or other structures. Surrounding structure should be designed to carry any required supporting loads.

Characteristic	**Performance**
Glass thickness (nominal)	11.52mm
Weight (glass only)	31kg/m2
Light Transmission (EN140)	86%

PRODUCT SPECIFIED

Proprietary System: Smokedam Suspended Glazed Smoke Baffle system by Smoke Control T: 1300 665 471; info@smokecontrol.com.au

The system consists of a propriety aluminium smoke baffle channel, incorporating integrated black rubber gasketing and 11.52mm laminated toughened grade A safety glass.

System parameters:

a) Performance: 200 degree C (medium temperature smoke)
b) Maximum sizes:
    i) Single pane width; 1524mm @ 1500mm Height
    ii) Maximum run length: Unlimited @ 1500mm Height
c) Framing types:
    i) Proprietary Aluminium smoke baffle channel; 71mm h x 39mm Wide
d) Supporting construction type:
    i) Masonry
    ii) Concrete
    iii) Plasterboard with steel or timber stud
    iv) Structural steel section
e) Gasketing – Smoke Control proprietary integrated black rubber gasket
f) System weight:
    i) Glass; 31kg/m^2
    ii) Channel; 6.5kg/lineal meter of width
g) Powder-coating: Standard range Dulux Duralloy Colours. Other colour ranges available on request.

Ancillary items required:

h) Maintenance: All Visioneering systems shall be maintained by competent technicians in accordance with AS1851 and the manufacturers recommendations
i) Tinting and visibility control: Glass should include translucent privacy film

APPLICATIONS

- Smoke reservoirs for Smoke Exhaust Systems (NCC Spec E2.2b, AS1668.1:2015)
- Smoke reservoirs for Smoke and Heat vents (NCC Spec E2.2C, AS2665:2001)

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

INSTALLATION

The Smokedam Suspended Glazed Smoke Baffle system shall be installed, certified, commissioned and tagged in accordance with AS1288:2006 and Smoke Control Pty Ltd manufactures instructions by an ISO9001 Quality, ISO18001 WHS and ISO14001 Environment Accredited manufacturer.

Supporting construction must be analysed and verified to ensure structural adequacy to support the system self-load and any additional loads resulting from the present of mechanical ventilation, smoke exhaust or external wind loads. Where external wind loads are present glass strength for the project pane height must be check against the relevant design criteria in AS1288 for single sided support.

COMMISSIONING

Once installed it shall be demonstrated that the glazing system includes the appropriate markings in the bottom of each glazed panel indicating glass model and toughening standard.

Certificates of Compliance shall be issued by the sub-contractor in accordance with National Construction Code A2.2.

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