



## Stopline® Specification: -/60/- Fixed Window

### PERFORMANCE REQUIREMENT:

The Stopline® -/60/- fixed window system shall be supplied and installed in accordance with the deem-to-satisfy building code requirements under NCC2019 C3.4 (a)(ii)(B) and Specification C3.4 for fire rated windows in openings close to boundaries and achieve an FRL of -/60/- in accordance with AS1530.4:2014.

Note: The Stopline -/60/- fixed window system are non-load bearing. Surrounding structure should be designed to carry any required supporting loads. Structural adequacy with respect to FRL is not required for the glazed system in accordance with NCC 2019 Schedule 5 – Clause 6.

Characteristic	FIXED PANEL	
	Internal (DGU)	External (DGU)
<b>Glass thickness</b> (nominal)	6mm	24mm
<b>Sound Reduction</b> (Rw glass only, EN140-3)	32 (-2, -2) dB	45 (-2, -2) dB
<b>Light Transmission</b> (EN140)	89%	73%
<b>U-value</b> (glass only, EN673)	5.7 W/m <sup>2</sup> K	1.1 W/m <sup>2</sup> K
<b>SHGC</b> (G value, EN410)	0.85	0.58

### PRODUCT SPECIFIED

Proprietary System: Stopline® -/60/- fixed window system by Smoke Control T: 1300 665 471;  
[info@smokecontrol.com.au](mailto:info@smokecontrol.com.au)

The system consists of a propriety cold formed and seam welded steel profile, incorporating beading with concealed fixing and tested clear Class A safety Glass.

System parameters:

- a) Fire Performance:
  - i) Fixed Window:
    - i. Internal application; -/60/-, Glass Pyroswiss
    - ii. External application; -/60/-, Glass Pyroswiss DGU
- b) Maximum sizes:
  - i) Fixed Window(-/60/-)
    - i. Single window – 2760mm H x 1290mm W or 2300mm H x 1560mm W
    - ii. Partition – up to 3.5m height and unlimited width appropriate expansion joints and mullions
    - iii. Area – 3.6 m<sup>2</sup>
- c) Dimensions frame profile:
  - i) Fixed Window:
    - i. Internal application – 50mm deep x 70mm wide
    - ii. External application – 50mm deep x 70mm wide
- d) Framing types:
  - i) Galvanised
  - ii) Stainless steel (optional)
- e) Supporting construction type:
  - i) Masonry
  - ii) Concrete
  - iii) Fire rated plasterboard with steel or timber stud
- f) System weight:
  - i) Fixed glazing

- i. Internal; Nominally 15kg/m<sup>2</sup>
- ii. External; Nominally 30 kg/m<sup>2</sup>
- 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) Safety decals: These can be installed external on the glazing in accordance with EN testing or can be factory etched internally into the glass assembly.
- j) Tinting and visibility control: Glass should include translucent privacy film or tinted DGU.

#### APPLICATIONS

- Protection of openings in external walls & Acceptable methods of protection (NCC C3.2 & C3.4)
- Openings in external walls of fire-isolated exits (C3.8)
- Opening in bounding construction of SOU, Class 2, 3 and 4. (C3.11)
- Openings in external walls from the point of discharge of a fire isolated exit or on an external stairway or ramp (D1.7, D1.8)

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 Stopleveline fixed window system shall be installed, certified, commissioned and tagged in accordance with AS1905.1:2015 and Smoke Control Pty Ltd manufactures instructions by an ISO9001 Quality, ISO18001 WHS and ISO14001 Environment Accredited manufacturer.

##### *Fixed Window*

The fixed window system shall be installed into a fire rated wall structure of a type listed in System Parameters Clause e) of this document. The FRL of the wall shall be at least -/60/60 when tested in accordance with AS1530.4. Appropriate expansion gaps shall be included between the glazed partition and the wall structure and approved fire rated mastic and/or silicone shall be applied to this gap.

#### COMMISSIONING

##### *Fixed Window*

Once installed it shall be demonstrated that the window 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.

