

# Louvre Guard System

## Technical Datasheet

### Scope

The Louvre Guard system has been designed for applications which require excellent ventilation, whilst keeping occupants safe from falling. The system is compatible with most of our inward opening products. The Louvre Guard System is a non glazed ancillary system capable of blade lengths of 1000mm, set at multiple angles and centres to suit the specific project requirements.

### Materials

- Extruded aluminium is generally Aluminium Alloy 6060.T6/ T66, 6063.T6/T66, 6082.T6 to BS EN 755-9 and EN 12020-2.
- The fixings are generally A2 Stainless Steel screws.

### Finishes

The Louvre Guard sections are available typically in three finishes.

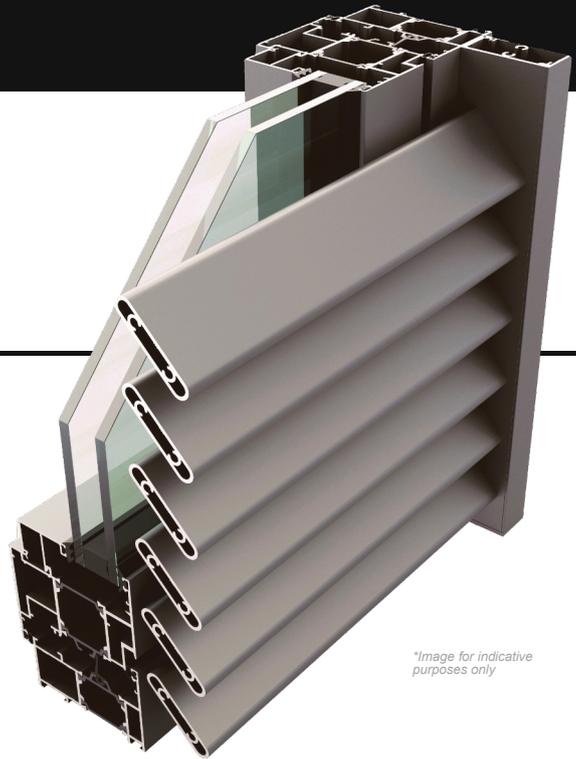
- Polyester Powder Coating to BS EN 12206-1 Part 1 painted in house. Surface finished to a minimum of 40 microns standard, or enhanced to suit project requirements, in accordance with ISO 9001, ISO 14001 and ISO 45001.
- Anodised finishes are to BS3897 to a minimum of 25 microns (AA25), supplied in either satin or polished finish in a limited range of colours.
- Mill Finish.

### Construction

The Louvre Guard System is constructed using louvre blades screwed to a receiver section, which is screw fixed to the relevant window outer frame/mullion. Screw fixings are then concealed with an extruded capping section which is then finished with an injection moulded end cap.

### Environmental

Senior Architectural Systems is fully compliant with BS EN ISO 9001, BS EN ISO 14001, ISO 45001 and BES6001 standards. When used on projects involved in a BREEAM assessment, or within the Code for a Sustainable Built Environment, (which therefore involves the Green Guide specification) can offer significant benefits. For project specific assistance, please contact our specification team.



*\*Image for indicative purposes only*

### Typical Sizes

Louvre Guard

The size limitation of the system as a whole must consider the span of the louvre blade and the size limitations of the window system to which the louvre guard system is fixed.

### Testing

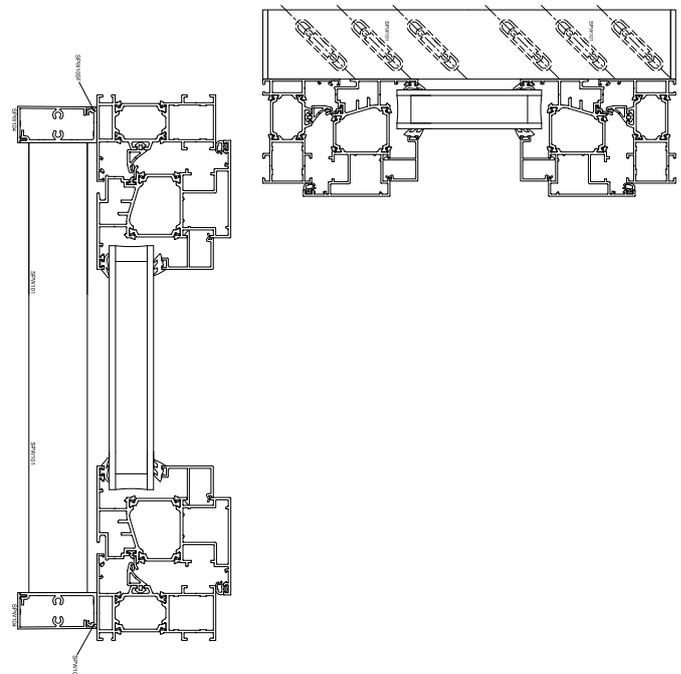
BS6180

Barrier Load Tested

EN13049

Impact Load Tested

*Test certifications available upon request.*



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