



Fire Resistant Horizontal Glass Floors



HORIZONTAL FIRE RESISTANT GLAZING SYSTEMS



GENERAL

STOPLINE H offers a unique and exciting solution for architectural design and fire compartmentation.

STOPLINE H is a patented fire resistant glazing system providing both large, virtually unlimited system dimensions and load bearing capabilities up to 4kN/m².

A new glass to glass design also allows long "slots" up to 1m wide of fire-rated glass flooring in unlimited lengths to be installed in buildings without the need for unsightly steel intermediate supports. Each sheet of glass only needs a small sealing joint to provide complete insulation and integrity against fire and radiant heat up to 48 minutes.

A range of surface finishes are also available to the upper structural sheet in the system. The system is also available double glazed to achieve higher acoustic performance.

Smoke Control offers a wide range of fire resistant glazing systems including timber and steel framed, frameless, door systems, sliding doors systems and more. Please do not hesitate to contact us for more details.

KEY FEATURES

- Fire ratings up to 2 hours
- Virtually unlimited spans available
- Load bearing
- Reclaim lettable/saleable floor space in light wells
- Glass-to-glass system available for smaller dimensions
- Available single or double glazed
- Available in a range of finishes

STOPLINE
H

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Description

STOPLINE H fire-rated glass flooring is available with fire resistance levels of 30/30/30, 60/60/60, 90/90/90 and 120/120/120.

Panel sizes up to 1m x 2m rectangular and 1.5m by 1.5m square are within the current approvals. Glass-to-glass panels sizes are typically less than 1m² with a maximum width of 1m.

The upper structural sheet of the STOPLINE H systems are available with a range of surface finishes.



Installation

In line with Smoke Controls mission to provide customers with reliable solutions, our glazing systems are installed by our fully trained and approved national installer network.

Verification of performance

Simply, Smoke Control offers Deemed-to-Satisfy fire resistant glazing systems fire tested in accordance with AS1503.4.

Maintenance

Annual maintenance and verification of system operation should be conducted by trained personnel in strict accordance with our document procedures.

The glass requires no special maintenance procedures. Once installed the glass should be cleaned regularly using warm water and a liquid detergent, washed down with clean water. Damaged or broken panels should be replaced, as this could affect the fire performance capabilities of the product. Contact us for details.

Technical Data

Safety Glass

All of Smoke Controls glass comply with AS2208 requirements for Safety Glass and are classified as Grade A.

Maximum fire tested size

St Gobain has conducted a myriad of fire tests on many different combinations of pane sizes and configurations. So much testing in fact that the Testing Laboratories have sufficient data on worse case scenarios to enable them to produce Field of Application Assessments for each system. This provides the Designer with flexibility of system design to suit their architectural requirements while also giving the Certifier confidence in the acceptance of the system at certification time.

These field of application approvals derive the maximum allowable pane sizes for the system. The system can then be expanded in a modular form in height and width. The following system data sheets summaries our approvals and illustrate this flexibility.

Freedom of design

Integration along side non-fire resistant glass systems can be easily achieved due to the glass' high transparency qualities. Systems are always being developed so if you don't see exactly what you need here, please contact to discuss your requirements.



CE Mark

All of Vetrotech/Saint-Gobain's fire resistant glasses are CE Marked. This means that stringent in-plant production control in addition to third party monitoring and certification is required. In-plant production control includes regular, random sample tests in accordance with a predefined plan; initial inspection of the factory and in-plant production control (documented procedures); and, ongoing monitoring of such control, (auditing).

Our customers can be assured of consistent and high quality products.

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System options

STOPLINE H 30 floor system

STOPLINE H 30 glass-to-glass floor system

STOPLINE H 60 floor system

STOPLINE H 90 floor system

STOPLINE H 120 floor system

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