VISIONEERING GLAZED FLOORS

VISIONEERING

GLAZED FLOORS



Visioneering Glazed Floors offer a unique and exciting solution for architectural design and fire compartmentation.

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

- 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

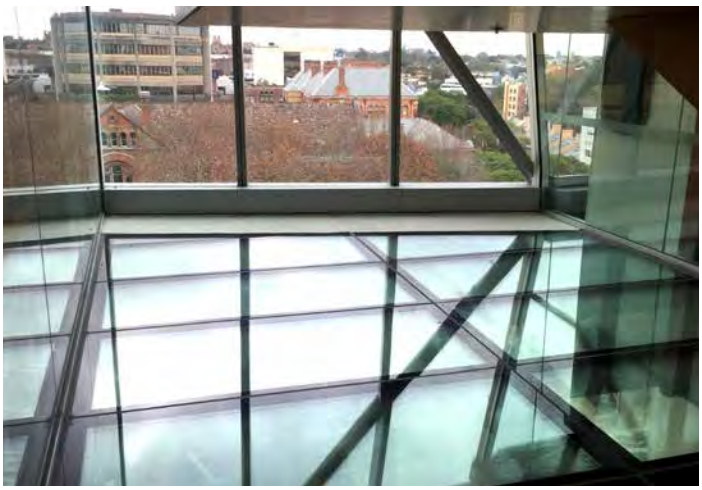
SMOKE CONTROL

VISIONEERING Glazed Floors

INTRODUCTION

Visioneering Glazed Floors offers a new glass to glass design which 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.





DESCRIPTION

Visioneering fire-rated glass flooring is available with fire resistance levels of 60/60/60 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 $1m^2$ with a maximum width of 1m.

The upper structural sheet of the Visioneering Glazed Floor 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.

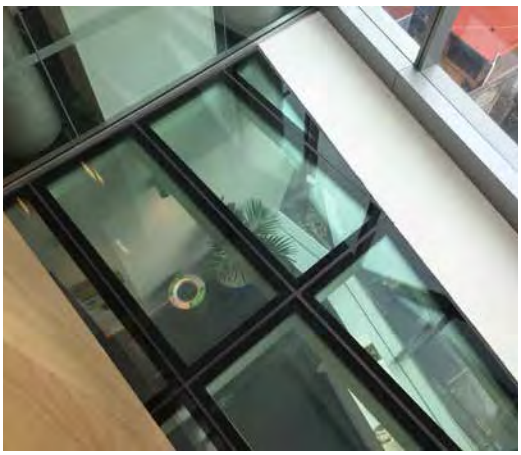
VERIFICATION OF PERFORMANCE

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 Smoke Control on 1300 665 471 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 to 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.



SYSTEM OPTIONS

VISIONEERING 60 floor system
VISONEERING 120 floor system

Smoke Control offers a wide range of fire resistant glazing systems including timber and steel framed, frameless, door systems, sliding doors systems and more.
Contact Smoke Control on 1300 665 471 for more details.

WE BELIEVE PEOPLE DESERVE TO WORK & LIVE IN SAFE & BEAUTIFUL BUILDINGS

GENERAL INFORMATION

TECHNICAL SUPPORT



Smoke Control offers obligation free technical support and pricing throughout your design and documentation stage so you can accurately prepare your budgets through value engineering.

You can also download the set of specifications, drawings and technical data from our website www.smokecontrol.com.au.

Contact our technical department to discuss your project requirements, or feel free to arrange a meeting.

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A LITTLE MORE ABOUT US...

Smoke Control was established in 2003. We partner with leading local and international organisations to work with the new performance-based design environment - in addition to the traditional prescriptive environment - designing and installing systems to meet the challenging Fire & Smoke control demands of modern buildings.

Constant research and development continue to enhance our offering of fire windows, fire shutters and Fire & Smoke curtains, bringing the most innovative technology to both regular and unique project challenges. If you cannot find what you are looking for, please contact our team as we may already have a solution for you.

Smoke Control services all regions in Australia and New Zealand via our own offices and people. International customers can contact our Australian office by phone or email for your nearest distributor.

SMOKE CONTROL

We believe people deserve to work & live in safe & beautiful buildings