

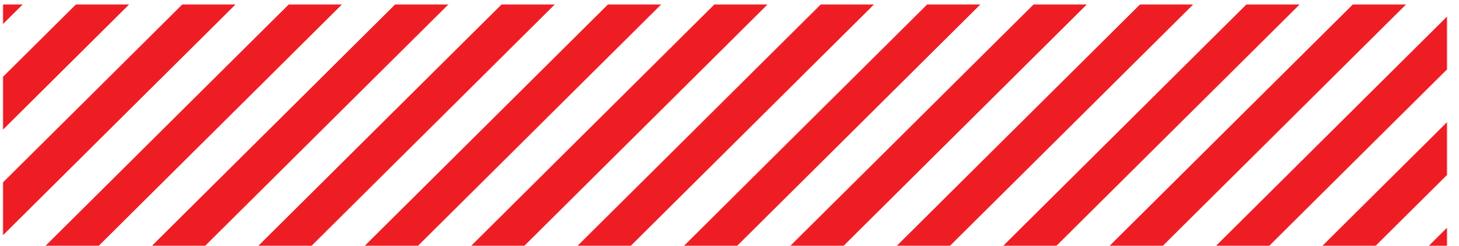


Promat Industry UK - PYROSEC®
Glazing for Life®



Technical Edition - PYROSEC®

www.promat.com/industry



Who Are Promat?

Promat Industry is an acknowledged leader in the manufacture and supply of high performance insulation, acoustic and passive fire protection products. We are proud to provide a range of products that are trusted, proven and installed worldwide, across a diverse range of industries and applications.

Promat Industry is a key part of the worldwide network of the Etex Group who have a presence in **45 countries**, operating **107 production sites** and **employing more than 15,000** skilled and dedicated professionals. In 2016, group **turnover was in excess of €2.9 billion**.



worldwide presence



107 production sites



over 15,000 employees



Etex 2016: €2.9 billion

For more than fifty years Promat has been synonymous with high quality solutions for a variety of industrial applications. Our market leadership is based on engineering competence, a uniquely broad range of products and systems (across the whole temperature range) and a first class service at every stage of your project.

Benefits

- Proven performance
- Excellent fire, acoustic and thermal insulation
- Lightweight
- Easy to install
- Excellent workability
- Sustainable

Our accreditations:



Our Mission - "To lead in sustainable, fire, thermal and acoustic solutions by consistently exceeding customer expectations "

Promat Glass

Promat's wide range of glass products and systems provide proven and assured levels of fire and smoke protection for fire resistant glazing applications within a wide range of building sectors.

Promat's knowledge and expertise provides clients with fully integrated design solutions that deliver required levels of fire protection across refurbished and new build properties.

Promat works closely with a wide range of customers, providing comprehensive support and advice including; Glass Specifiers, OEM Partitions and OEM Door companies.

The Heywood Site

The Promat Glass processing facility, named The Innovation Centre, is based in Heywood, which opened in 2015 to accommodate an expanding customer base and product range. The site is accredited with:

- Quality: ISO 9001
- Environment: ISO 14001
- Health and Safety: OHSAS 18001



RIBA Approved CPD

Promat offers a RIBA approved Glass CPD, named 'The Burning Question'. The 60 minute long presentation includes a range of topics relating to fire-resistant glass, such as regulations, types of glass and how to specify with confidence.

Trade Memberships

Promat continue to push the development of fire protection systems further, constantly searching for improvement for the construction industry as a whole through representation at trade associations, BSI and CEN technical committees. The glass related trade memberships include:



Glass and Glazing Federation

Glass and Glazing Federation (GGF)

Promat is active in the Fire Resistant Glass & Glazing Group (FRGG) who have undertaken a number of initiatives, the latest of which is the training of glass/glazing installers to a level of competency for the installation of fire resistant glass.



British Woodworking Federation (BWF)

Promat is actively involved in the management committee of the Fire Door Division, which covers the full plethora of joinery, including timber fire doors with glass vision panels.

For more information visit www.promat.com/industry

Types of Glass

Integrity Non-insulating (E)

Integrity glass has the ability to withstand fire exposure to one side without transmission of the fire as a result of flames or hot gasses. It acts as a physical barrier to stop the fire.

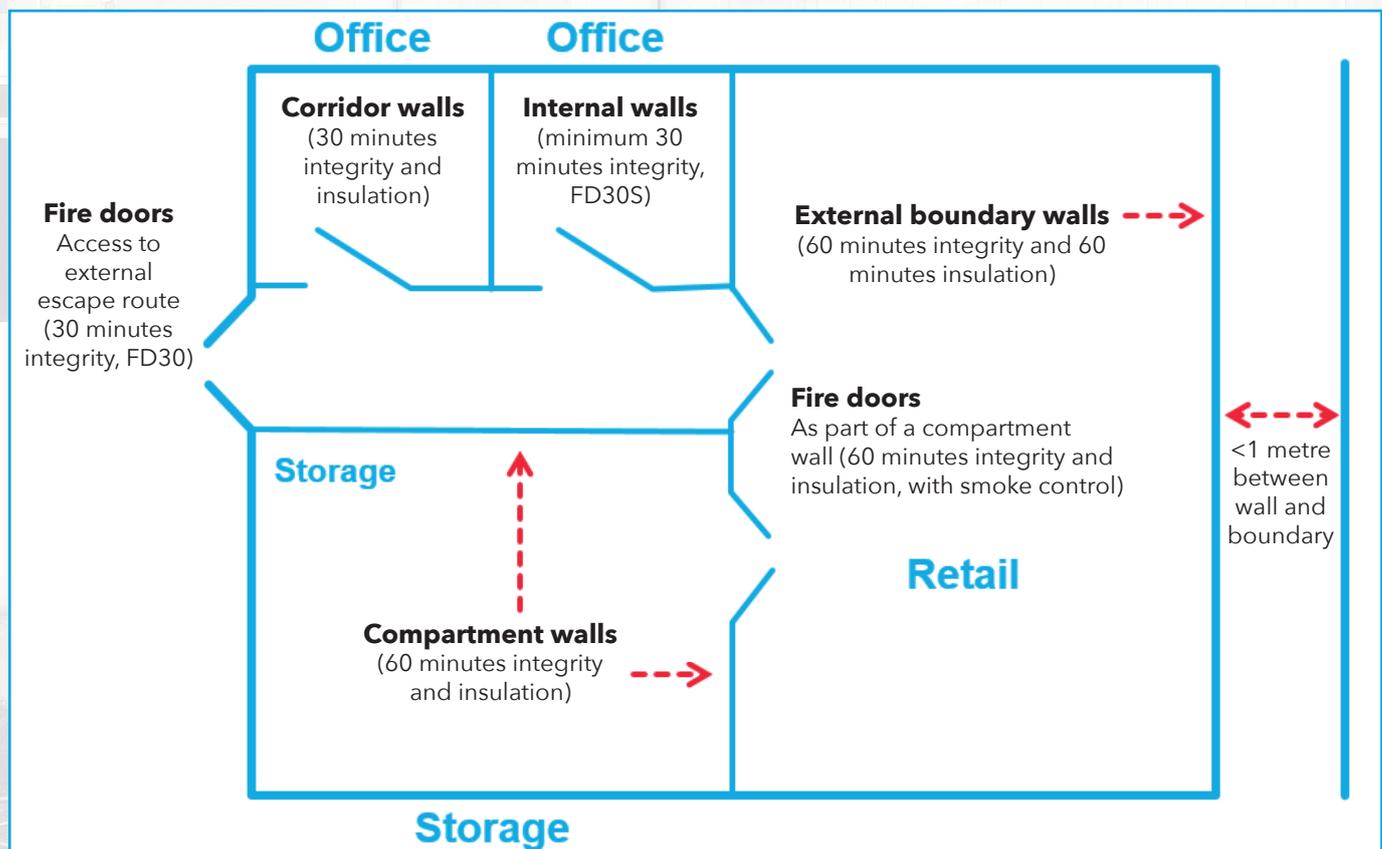
Integrity and Low Radiation (EW)

The ability of a material not to collapse in order to prevent the passage of flame to limit the heat transfer through the material.

Integrity and Insulation (EI)

The ability of a material to withstand fire exposure on one side without transmission of fire to the unexposed side by limiting heat transfer due to conduction, convection or radiation (in addition to integrity). It maintains a mean temperature of 140°C and maximum temperature of 180°C on the non-fire side of construction.

Where to Use Fire-Resistant Glass



Product Selector

 <p>Integrity</p>			<p>PYROCET®</p> <p>PYROSEC 19®</p> <p>SMOKESTREAM®</p>
 <p>Integrity and Radiation</p>			<p>PYROSEC® (7, 9, 12)</p>
 <p>Integrity and Insulation</p>			<p>SYSTEMGLAS®</p> <p>SYSTEMGLAS® F1</p> <p>PYROSEC® (16+)</p>

PYROSEC®

PYROSEC® is a leading type of fire integrity and insulation glass ideal for use in timber screens, timber doors, steel screens, steel door sets and Insulating Glass Units (IGU's). It can be laminated with 7.5mm pane to one or both sides using a single PVB interlayer.

Performance:

- Can achieve up to EI60 minutes low radiation fire resistance into timber doors
- Larger format test evidence available in to Timber, Steel (Doors/Screens) and Aluminium (Screens)
- E30 - EI120 fire performance
- Can be manufactured into IGU's for additional properties (Acoustic, Low E, Solar Control)
- Tested to big sizes therefore is ideal for covering large surface areas

Appearance:

- Clear, Low Iron or Acid edge finish
- Variety of glass thicknesses for E and EI performance
- Can be clear line butt jointed

Project Snapshot



Jewellers Shop, Blackpool, UK

Refurbishment of a reputable Jewellers store in Blackpool.

Glass used as windows and door panels to form an integrated system.

Aesthetically pleasing unwired glass that doesn't obstruct the product display.

Applications

- Commercial offices, escape corridors and stairwells
- Retail outlets, factories and hotels
- Universities and schools
- High specification residential properties
- Hospitals/healthcare
- Government buildings
- Airport terminals
- Museums, libraries and leisure facilities

Availability

- Cut from stocked products for shorter lead times compared with competitor products
- Nationwide deliveries available



Request literature or a sample by emailing
sales@promat.co.uk

PYROSEC® Technical Data

Type of frame	Timber	Timber	Timber	Timber
Fire resistance (BS476)	Integrity 30	Integrity 30	Integrity 30	Integrity 30
Product Specification	PYROSEC® – DOOR	PYROSEC® - SCREEN	PYROSEC® – IGU	PYROSEC® – IGU
Glazing Type	Single	Single	IGU COMPOSITE TIMBER DOOR	IGU TIMBER SCREENS
Grade	Internal	Internal	Internal/External	Internal/External
Application	Internal Door	Internal Screen	Internal/ External screen	Internal/ External screen
Nominal Thickness	7.9mm	7.9mm	Minimum 8mm cavity	Minimum 8mm cavity
Thickness Tolerance	± 0.9mm	± 0.9mm	± 0.9mm	± 0.9mm
Weight	17 kg/m ²	17 kg/m ²	Glass dependent on application	Glass dependent on application
Dimension Tolerance	± 2mm	± 2mm	± 2mm	± 2mm
Light Transmission (EN410)	89%	89%	89% (6mm)	89% (6mm)
Ug Value (EN673)	5.7 W/(m ² .K)	5.7 W/(m ² .K)	5.7 W/(m ² .K)	5.7 W/(m ² .K)
Safety Rating (BS6206) (EN12600)	Class C 3B3	Class C 3B3	Class C 3B3	Class C 3B3
Sound Reduction (EN12758)				
Rw index (C, Ctr)	34 dB (0; -3)	34 dB (0; -3)	Glass dependent on application	Glass dependent on application
Identification				
Certification	Certifire CF5155	Certifire CF5155	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22	BS476 Part 22	BS476 Part 22
Frame	Wood	Wood	Wood	Wood
Maximum dimensions (Width x Height)	890 x 2300mm (max area of 2.05m ²) (Screw fixed hardwood or pin fixed MDF beads)	1100 x 2900mm (max area of 3.95m ²)	528 x 979mm (max area of 0.52m ²)	840 x 2874mm (max area of 3.22m ²)

PYROSEC® Technical Data

Type of frame	Timber	Timber
Fire resistance (BS476)	Integrity 60	Integrity 90
Product Specification	PYROSEC® – DOOR	PYROSEC® - DOOR
Glazing Type	Single	Single
Grade	Internal	Internal
Application	Internal Door	Internal Door
Nominal Thickness	7.9mm	7.9mm
Thickness Tolerance	± 0.9mm	± 0.9mm
Weight	17 kg/m ²	17 kg/m ²
Dimension Tolerance	± 2mm	± 2mm
Light Transmission (EN410)	89%	89%
Ug Value (EN673)	5.7 W/(m ² .K)	5.7 W/(m ² .K)
Safety Rating (BS6206) (EN12600)	Class C 3B3	Class C 3B3
Sound Reduction (EN12758)		
Rw index (C, Ctr)	34 dB (0; -3)	34 dB (0; -3)
Identification		
Certification	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22
Frame	Wood	Wood
Maximum dimensions (Width x Height)	250 x 1563mm or 625 x 800mm (max area of 0.5m ²)	500 x 880mm or 550 x 800mm (max area of 0.44m ²)

Type of frame	Steel	Steel
Fire resistance (BS476)	Integrity 30	Integrity 60
Product Specification	PYROSEC® – SCREEN	PYROSEC® - SCREEN
Glazing Type	Single	Single
Grade	Internal	Internal
Application	Internal Screen	Internal Screen
Nominal Thickness	12.3mm	12.3mm
Thickness Tolerance	± 1mm	± 1mm
Weight	27 kg/m ²	27 kg/m ²
Dimension Tolerance	± 2mm	± 2mm
Light Transmission (EN410)	86%	86%
Ug Value (EN673)	5.6 W/(m ² .K)	5.6 W/(m ² .K)
Safety Rating (BS6206) (EN12600)	Class B 2B2	Class B 2B2
Sound Reduction (EN12758)		
Rw index (C, Ctr)	36 dB (-1; -3)	36 dB (-1; -3)
Identification		
Certification	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22
Frame	Steel	Steel
Maximum dimensions (Width x Height)	1315 x 2900mm (max area of 4.7m ²) or 1887 x 937mm (max area of 1.77m ²)	695 x 2040mm (max area of 1.41m ²) or 1538 x 641mm (max area of 0.98m ²)

PYROSEC® Technical Data

Type of frame	Timber	Timber	Timber
Fire resistance (BS476)	Integrity 60	Integrity 60	Integrity 60
Product Specification	PYROSEC® – DOOR	PYROSEC® - DOOR	PYROSEC® - SCREEN
Glazing Type	Single	Single	Single
Grade	Internal	Internal	Internal
Application	Internal Door – Therm A bead glazing tape	Internal Door – Neutral Silicone capping	Internal Screens – Neutral Silicone capping
Nominal Thickness	12.3mm	12.3mm	12.3
Thickness Tolerance	± 1mm	± 1mm	± 1mm
Weight	27 kg/m ²	27 kg/m ²	27 kg/m ²
Dimension Tolerance	± 2mm	± 2mm	± 2mm
Light Transmission (EN410)	86%	86%	86%
Ug Value (EN673)	5.6 W/(m ² .K)	5.6 W/(m ² .K)	5.7 W/(m ² .K)
Safety Rating (BS6206) (EN12600)	Class B 2B2	Class B 2B2	Class B 2B2
Sound Reduction (EN12758)			
Rw index (C, Ctr)	36 dB (-1; -3)	36 dB (-1; -3)	36 dB (-1; -3)
Identification			
Certification	Certifire CF5155	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22	BS476 Part 22
Frame	Wood	Wood	Wood
Maximum dimensions (Width x Height)	508 x 1196mm or 528 x 1150mm (max area of 0.61m ²)	710 x 1830mm (max area of 1.30m ²)	914 x 2400mm or 1480 x 1480mm or 1886 x 418mm (max area of 0.79m ²)

PYROSEC® Technical Data

Type of frame	Timber	Timber	Timber	Timber
Fire resistance (BS476)	30 Integrity and 30 Insulation	60 Integrity and 30 Insulation	30 Integrity and 30 Insulation	60 Integrity and 30 Insulation
Product Specification	PYROSEC® – DOOR	PYROSEC® - DOOR	PYROSEC® – SCREEN	PYROSEC® – SCREEN
Glazing Type	Single	Single	Single	Single
Grade	Internal	Internal/ External	Internal	Internal/ External
Application	Internal Door	External Door	Internal Screen	Internal/ External Screen
Nominal Thickness	17.3mm	21.1mm	17.3mm	21.1mm
Thickness Tolerance	± 1mm	± 1.5 mm	± 1mm	± 1.5mm
Weight	40 kg/m ²	48 kg/m ²	40 kg/m ²	48 kg/m ²
Dimension Tolerance	± 2mm	± 2mm	± 2mm	± 2mm
Light Transmission (EN410)	84%	83%	84%	83%
Ug Value (EN673)	5.4 W/(m ² .K)	5.2 W/(m ² .K)	5.4 W/(m ² .K)	5.2 W/(m ² .K)
Safety Rating (BS6206) (EN12600)	Class B 2B2	Class A 1B1	Class B 2B2	Class A 1B1
Sound Reduction (EN12758)				
Rw index (C, Ctr)	39 dB (-1; -3)	39 dB (-1; -3)	39 dB (-1; -3)	39 dB (-1; -3)
Identification			 	 
Certification	Certifire CF5155	Certifire CF5155	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22	BS476 Part 22	BS476 Part 22
Frame	Wood	Wood	Wood	Wood
Maximum dimensions (Width x Height)	710 x 1830mm (max area of 1.30m ²)	710 x 1830mm (max area of 1.30m ²)	E130 – 1600 x 2900 (max area of 4.64m ²) E60, I30 - 1400 x 2700mm (max area of 3.78m ²)	E130 – 1600 x 2900 (max area of 4.64m ²) E60, I30 - 1400 x 2700mm (max area of 3.78m ²)

PYROSEC® Technical Data

Type of frame	Timber	Timber
Fire resistance (BS476)	30 Integrity and 30 Insulation	30 Integrity and 30 Insulation
Product Specification	PYROSEC® – SCREEN IGU	PYROSEC® – SCREEN IGU
Glazing Type	IGU	IGU
Grade	Internal	External
Application	Internal Screen	External Screen
Nominal Thickness	Glass dependent minimum 8mm cavity	Glass dependent minimum 8mm cavity
Thickness Tolerance	± 1mm	± 1.5mm
Weight	Glass dependent	Glass dependent
Dimension Tolerance	± 2mm	± 2mm
Light Transmission (EN410)	Glass dependent	Glass dependent
Ug Value (EN673)	Glass dependent	Glass dependent
Safety Rating (BS6206) (EN12600)	Class B 2B2	Class A 1B1
Sound Reduction (EN12758)		
Rw index (C, Ctr)	39 dB (-1, -3)	39 dB (-1, -3)
Identification		
Certification	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22
Frame	Wood	Wood
Maximum dimensions (Width x Height)	1700 x 2900mm or 2125 x 1700mm (max area of 6.1m²)	1700 x 2900mm or 2125 x 1700mm (max area of 6.1m²)

Type of frame	Steel	Steel
Fire resistance (BS476)	Integrity 60	60 Integrity and 30 Insulation
Product Specification	PYROSEC® – SCREEN	PYROSEC® – SCREEN EI60/30
Glazing Type	Single	Single
Grade	Internal	Internal
Application	Internal Screen	Internal Screen
Nominal Thickness	17.3mm	17.3mm
Thickness Tolerance	± 1mm	± 1mm
Weight	40 kg/m²	40 kg/m²
Dimension Tolerance	± 2mm	± 2mm
Light Transmission (EN410)	84%	84%
Ug Value (EN673)	5.4 W/(m².K)	5.4 W/(m².K)
Safety Rating (BS6206) (EN12600)	Class B 2B2	Class B 2B2
Sound Reduction (EN12758)		
Rw index (C, Ctr)	39 dB (-1, -3)	39 dB (-1, -3)
Identification		
Certification	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22
Frame	Steel	Steel
Maximum dimensions (Width x Height)	695 x 2140mm (max area of 1.49m²) or 1613 x 641mm (max area of 1.03m²)	900 x 2900mm(max area of 2.8m²) or 2060 x 500mm (max area of 1.03m²)

PYROSEC® Technical Data

Type of frame	Steel	Steel	Steel
Fire resistance (BS476)	30 Integrity and 30 Insulation	30 Integrity and 30 Insulation	30 Integrity and 30 Insulation
Product Specification	PYROSEC® – DOOR	PYROSEC® – DOOR IGU	PYROSEC® – SCREEN
Glazing Type	Single	IGU	IGU
Grade	Internal	Internal/ External	Internal/ External
Application	Internal Door	Internal/ External Door	Internal/ External Screen
Nominal Thickness	17.3mm	Glass dependent Min 8mm cavity with min 6mm glass	Glass dependent Min 8mm cavity with min 6mm glass
Thickness Tolerance	± 1mm	± 3mm	± 3mm
Weight	40 kg/m ²	Glass dependent	Glass dependent
Dimension Tolerance	± 2mm	± 3mm	± 3mm
Light Transmission (EN410)	84%	Glass dependent	Glass dependent
Ug Value (EN673)	5.4 W/(m ² .K)	Glass dependent	Glass dependent
Safety Rating (BS6206) (EN12600)	Class B 2B2	Glass dependent	Glass dependent
Sound Reduction (EN12758)			
Rw index (C, Ctr)	39 dB (-1; -3)	Glass dependent	Glass dependent
Identification			
Certification	Certifire CF5155	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22	BS476 Part 22
Frame	Steel	Steel	Steel
Maximum dimensions (Width x Height)	1404 x 2980mm or 1755 x 2384mm (max area of 4.18m ²)	1404 x 2980mm or 1755 x 2384mm (max area of 4.18m ²)	1440 x 2935mm or 2835 x 1400mm (max area of 4.22m ²)

PYROSEC® Technical Data

Type of frame	Steel	Steel
Fire resistance (BS476)	30 Integrity and 30 Insulation	30 Integrity and 30 Insulation
Product Specification	PYROSEC® – SCREEN	PYROSEC® – SCREEN
Glazing Type	Single	Single
Grade	Internal	External
Application	Internal Screen	Internal/ External Screen
Nominal Thickness	17.3mm	21.1mm
Thickness Tolerance	± 1mm	± 1.5mm
Weight	40 kg/m ²	48 kg/m ²
Dimension Tolerance	± 2mm	± 2mm
Light Transmission (EN410)	84%	83%
Ug Value (EN673)	5.4 W/(m ² .K)	5.2 W/(m ² .K)
Safety Rating (BS6206) (EN12600)	Class B 2B2	Class A 1B1
Sound Reduction (EN12758)		
Rw index (C, Ctr)	39 dB (-1, -3)	39 dB (-1, -3)
Identification		
Certification	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22
Frame	Steel	Steel
Maximum dimensions (Width x Height)	1600 x 2900mm or 1920 x 1900mm (max area of 5.4m ²)	1600 x 2900mm or 1920 x 1900mm (max area of 5.4m ²)

PYROSEC® Technical Data

Type of frame	Timber	Timber	Timber	Timber
Fire resistance (BS476)	60 Integrity and 60 Insulation			
Product Specification	PYROSEC® – DOOR	PYROSEC® – DOOR	PYROSEC® – SCREEN	PYROSEC® – SCREEN
Glazing Type	Single	Single	Single	Single
Grade	Internal	External	Internal	External
Application	Internal Door	External Door	Internal Screen	External Screen
Nominal Thickness	26.6mm	30.4mm	26.6mm	30.4mm
Thickness Tolerance	± 2mm	± 2mm	± 2mm	± 2mm
Weight	60 kg/m ²	68 kg/m ²	60 kg/m ²	68 kg/m ²
Dimension Tolerance	± 2mm	± 2mm	± 2mm	± 2mm
Light Transmission (EN410)	81%	80%	81%	80%
Ug Value (EN673)	5.2 W/(m ² .K)	5.0 W/(m ² .K)	5.2 W/(m ² .K)	5.0 W/(m ² .K)
Safety Rating (BS6206) (EN12600)	Class A 1B1	Class A 1B1	Class A 1B1	Class A 1B1
Sound Reduction (EN12758)				
Rw index (C, Ctr)	40 dB (-1, -3)	43 dB (-1, -4)	40 dB (-1, -3)	43 dB (-1, -4)
Identification				
Certification	Certifire CF5155	Certifire CF5155	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22	BS476 Part 22	BS476 Part 22
Frame	Wood	Wood	Wood	Wood
Maximum dimensions (Width x Height)	700 x 1830mm (max area of 1.28m ²)	700 x 1830mm (max area of 1.28m ²)	1658 x 2874mm (max area of 4.77m ²)	1658 x 2874mm (max area of 4.77m ²)

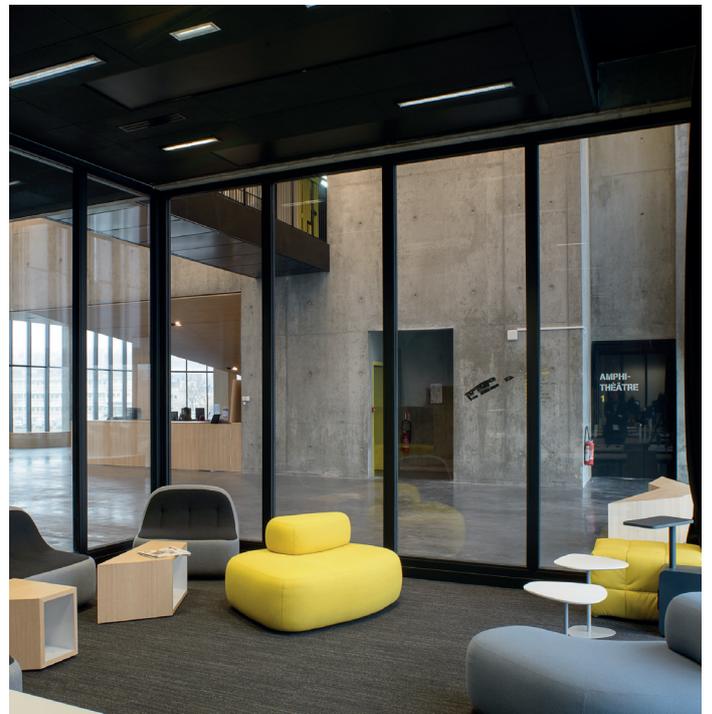
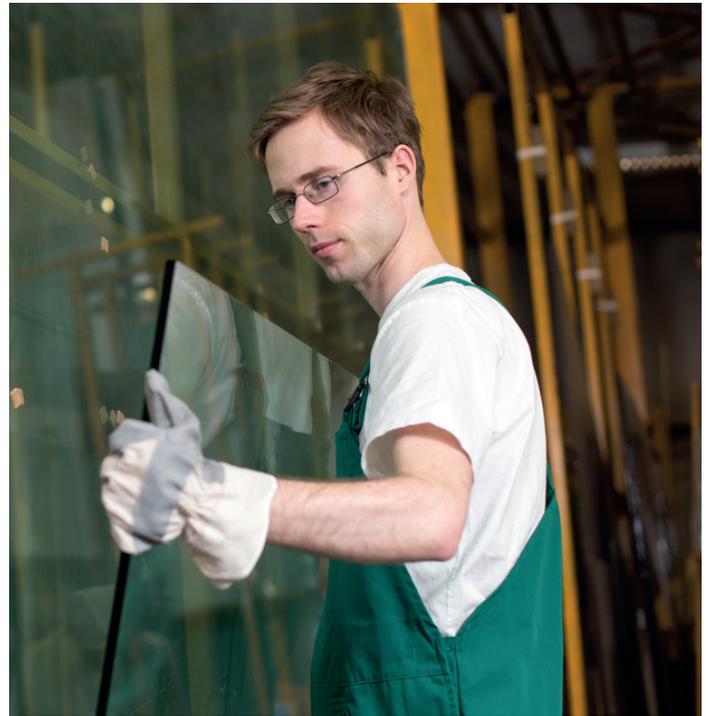
PYROSEC® Technical Data

Type of frame	Steel	Steel	Steel	Steel
Fire resistance (BS476)	60 Integrity and 60 Insulation	60 Integrity and 60 Insulation	60 Integrity and 60 Insulation	60 Integrity and 60 Insulation
Product Specification	PYROSEC® – DOOR	PYROSEC® – DOOR	PYROSEC® – SCREEN	PYROSEC® – SCREEN
Glazing Type	Single	Single	Single	Single
Grade	Internal	External	Internal	External
Application	Internal Door	Internal/ External Door	Internal Screen	Internal/ External Screen
Nominal Thickness	26.6mm	30.4mm	26.6mm	30.4mm
Thickness Tolerance	± 2mm	± 2mm	± 2mm	± 2mm
Weight	60 kg/m ²	68 kg/m ²	60 kg/m ²	68 kg/m ²
Dimension Tolerance	± 2mm	± 2mm	± 2mm	± 2mm
Light Transmission (EN410)	81%	80%	81%	80%
Ug Value (EN673)	5.2 W/(m ² .K)	5.0 W/(m ² .K)	5.2 W/(m ² .K)	5.0 W/(m ² .K)
Safety Rating (BS6206) (EN12600)	Class A 1B1	Class A 1B1	Class A 1B1	Class A 1B1
Sound Reduction (EN12758)				
Rw index (C, Ctr)	40 dB (-1, -3)	43 dB (-1, -3)	40 dB (-1, -3)	43 dB (-1, -3)
Identification				
Certification	Certifire CF5155	Certifire CF5155	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22	BS476 Part 22	BS476 Part 22
Frame	Steel	Steel	Steel	Steel
Maximum dimensions (Width x Height)	988 x 2900mm or 1282 x 2300mm (max area of 2.94m ²)	988 x 2900mm or 1282 x 2300 (max area of 2.94m ²)	1400 x 2900mm (max area of 4.06m ²) or 2615 x 1500mm (max area of 3.92m ²)	1400 x 2900mm (max area of 4.06m ²) or 2615 x 1500mm (max area of 3.92m ²)

PYROSEC® Technical Data

Type of frame	Steel	Steel
Fire resistance (BS476)	60 Integrity and 60 Insulation	60 Integrity and 60 Insulation
Product Specification	PYROSEC® – DOOR	PYROSEC® – SCREEN
Glazing Type	IGU	IGU
Grade	External	External
Application	Internal/ External Door	Internal/ External Screen
Nominal Thickness	Glass dependent Min 6mm cavity with min 6mm glass	Glass dependent Min 8mm cavity with 6mm glass
Thickness Tolerance	± 3mm	± 3mm
Weight	Glass dependent	Glass dependent
Dimension Tolerance	± 3mm	± 3mm
Light Transmission (EN410)	Glass dependent	Glass dependent
Ug Value (EN673)	Glass dependent	Glass dependent
Safety Rating (BS6206) (EN12600)	Glass dependent	Glass dependent
Sound Reduction (EN12758)		
Rw index (C, Ctr)	Glass dependent	Glass dependent
Identification		
Certification	Certifire CF5155	Certifire CF5155
Standard	BS476 Part 22	BS476 Part 22
Frame	Steel	Steel
Maximum dimensions (Width x Height)	898 x 2875mm or 1122 x 2300mm (max area of 2.58m²)	1875 x 2900mm (max area of 5.05m²) or 2900 x 1082mm (max area of 3.28m²)

Type of frame	Timber
Fire resistance (BS476)	IGU
Product Specification	PYROSEC® – SCREEN
Glazing Type	IGU
Grade	Internal/ External
Application	Internal/ External Screen
Nominal Thickness	Glass dependent Min 12mm Cavity with min 6mm glass
Thickness Tolerance	± 3mm
Weight	Glass dependent
Dimension Tolerance	± 3mm
Light Transmission (EN410)	Glass dependent
Ug Value (EN673)	Glass dependent
Safety Rating (BS6206) (EN12600)	Glass dependent
Sound Reduction (EN12758)	
Rw index (C, Ctr)	Glass dependent
Identification	
Certification	Certifire CF5155
Standard	BS476 Part 22
Frame	Wood
Maximum dimensions (Width x Height)	2283 x 2000m or 1658 x 2874mm (max area of 4.77m²)



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