



VETROTECH PRESENTS
LUNAX CONTRAFLAM
frameless fire doors

vetrotech
SAINT-GOBAIN

LUNAX PYRO Contraflam
LUNAX VETRO Contraflam
LUNAX PORTA Contraflam

**VETROTECH SAINT-GOBAIN,
A DEDICATED SPECIALIST FOR FIRE
RESISTANT GLASS SOLUTIONS**

Vetrotech Saint-Gobain is a leading producer of fire resistant glass products. Being a member of the Saint-Gobain Group, Europe's biggest producer and processor of glass, Vetrotech knows all the aspects of this material. With innovative research and development and state-of-the-art production technologies, solutions of the highest level of quality and complexity can be created. Not only do Vetrotech products comply with the strictest impact safety requirements, but they are also suitable for multi-comfort applications and meet the aesthetic demands of modern architecture.

**GLOBAL RESOURCES,
LOCAL SUPPORT**

Our products are manufactured and fabricated under license by authorised Saint-Gobain facilities located throughout Europe, Asia and North America. As a world leading international company with dedicated local presence you can trust Vetrotech Saint Gobain to deliver the perfect solution to meet your fireglass needs.

**SAINT-GOBAIN,
GLASS PIONEER SINCE 1665**

World leader in the habitat and construction markets, Saint-Gobain is present in 64 countries with more than 190,000 employees. The Group designs, manufactures and distributes building materials, providing innovative solutions to meet the key challenges of growth, energy efficiency and environmental protection.



VETROTECH OPENS NEW DOORS TO ULTIMATE TRANSPARENCY IN FIRE SAFETY

All products are suitable for multi-comfort applications and meet the aesthetic demands of modern architecture meaning our potential field of application is limitless. They are tested and certified to a wide range of international standards and national market requirements. We operate our own ISO 17025 accredited test laboratory, ensuring we are at the forefront of innovation and design.

VETROTECH INTRODUCES THE LUNAX CONTRAFLAM SERIES: FIRE DOORS FOR OPTIMUM TRANSPARENCY

Light and transparency are crucial elements in contemporary architecture. With the new series of frameless and self closing Lunax Contraflam doors we can offer you the optimal glass for every fire demand into timber, steel and brickwork solutions.

CRYSTAL-CLEAR ADVANTAGES OF THE NEW LUNAX CONTRAFLAM DOORS

- A fully glazed surface with only four discrete door clamps
- Swing door allowing freedom of movement in both directions
- Self-closing courtesy of floor spring
- Non-directional fire resistance
- Maximum transparency
- Minimum weight, ensuring no opening resistance
- Complies with the "E", "EW" and "EI" classifications



TM (TM) All Vetrotech products are CE marked and produced in independently audited production sites.

YOUR LUNAX CONTRAFLAM DOOR OFFERS EXTRA PROTECTION

TOUGHENED GLASS COMES WITH PERMANENT ADVANTAGES

All of our products including the Lunax Contraflam Door series offer the 'toughened glass advantage'.

TRANSPORT

Packaging developed and proven for shock resistant and 'worry-free' transport and offloading.

HANDLING

More robust glass means less chance of damage during routine jobsite storage and handling.

INSTALLATION

Higher resistance to breakage during installation means you can prevent costly delays and complete your project successfully.

END USE

Less maintenance cost in facility management and lower exposure to insurance risks.



A LUNAX CONTRAFLAM DOOR TO SUIT EVERY CLASSIFICATION LUNAX VESTA CONTRAFLAM DEUR

COMPLETE FIRE SAFETY

There are three European fire safety classifications, E (Integrity) , EW (Integrity and Radiation) or EI (Integrity and Insulation). Vetrotech has a purpose-designed door to suit every classification.

E = The Lunax Pyro Contraflam

EW = The Lunax Vetro Contraflam

EI = The Lunax Porta Contraflam

Each Lunax door is non directional ensuring it guarantees fire protection from both sides. Extensive testing as a fully assembled construction has proven that this series exceeds the European EN 1634 standard requirements.

MULTIFUNCTIONAL SOLUTIONS

As well as offering fire resistant properties, the Lunax Contraflam series also complies with all the latest technical requirements. The base glass we use within our fire door products is Saint Gobain float glass which offers the highest possible optical qualities available on the market. These state of the art doors are supplied as complete all – in – one systems including fittings, floor springs and top and bottom metal glass restraints available in every desired RAL colour. The door frame along with expansion strips can also be provided and if desired the door handle with or without a lock combination of your choice. A Lunax Contraflam door is not only fire safe and reliable but also extremely stylish and very bespoke.

3 EUROPEAN CLASSIFICATIONS



Provides a physical barrier against flames, hot toxic gases and smoke



Control of the transmission of radiated heat below a specific level



Highest performance limitation of surface temperature on the unexposed side

LUNAX PYRO Contraflam



VETROTECH SAINT-GOBAIN INT. AG.
CONTRA
FLAM
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EN 12543
EN 14449
ID : 26

THE CONTEMPORARY APPLICATION of the "E" classification

With the LUNAX PYRO Contraflam, you get to combine optimum fire safety with a fully glazed door. The LUNAX PYRO Contraflam has been purpose-designed to suit the requirements held out by contemporary architecture, which places a premium on light and space. The LUNAX PYRO Contraflam complies with the European directives in conformity with the "E" classification and as such is supremely suited for doors in a protected escape route.

SPECIFICATIONS

GENERAL

Type	LUNAX PYRO Contraflam
Classification	E30-60
Model	Frameless fire-resistant glass door for interior use

DOOR LEAF

Glass	Contraflam 30, fire resistant
Thickness	20 mm
Maximum width	1150 mm
Maximum height	2650 mm
Maximum surface	2.76 m ²
Weight	45 kg/m ²

PIVOT MECHANISM

Glass restraint	With top and bottom pivot
Pivot distance	Standard 80 mm against glass edge
Colour	RAL9005 or Stainless steel
Floor spring	Dorma BTS75 V (non hold open) Dorma BTS80 EMB (with electromagnetic hold open - 90°)

TESTED DOOR FRAMES

Support construction	
Hardwood (Meranti)	Volumic mass 600 kg/m ³
Steel	Steel construction with fire resistant protection
Gypsum board	Gypsum board construction, thickness 100 mm

HARDWARE AND FINISH

Standard door handle	LUNAX Type S, T or K
Colour	Stainless steel or RAL 9005
Lock	Electric lock 404 for access control
Other types of bonded handle are available on request	



LUNAX VETRO Contraflam



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THE CONTEMPORARY FACE of the "EW" classification

The LUNAX VETRO Contraflam is a typical example of unique contemporary design. This fully glazed door combines fire safety features with maximum transparency. This door system will see you meet all fire safety standards within the "EW" classification. The LUNAX VETRO Contraflam is perfectly suited for sub fire compartment partitions and extra protected escape routes.

SPECIFICATIONS

GENERAL

Type	LUNAX VETRO Contraflam
Classification	EW30-60
Model	Frameless fire-retardent glass door for interior use

DOOR LEAF

Glass	Contraflam 30, fire resistant
Thickness	20 mm
Maximum width	1150 mm
Maximum height	2650 mm
Maximum surface	2.76 m ²
Weight	45 kg/m ²

PIVOT MECHANISM

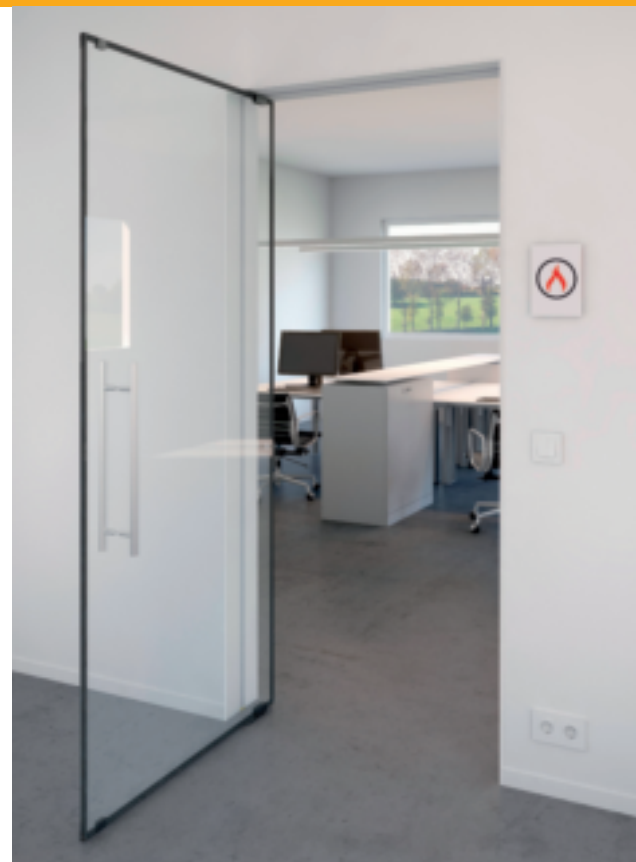
Glass restraint	With top and bottom pivot
Pivot distance	Standard 80 mm against glass edge
Colour	RAL9005 or Stainless steel
Floor spring	Dorma BTS75 V (non hold open) Dorma BTS80 EMB (with electromagnetic hold open - 90°)

TESTED DOOR FRAMES

Support construction	
Hardwood (Meranti)	Volumic mass 600 kg/m ³
Steel	Steel construction with fire resistant protection
Gypsum board	Gypsum board construction, thickness 100 mm

HARDWARE AND FINISH

Standard door handle	LUNAX Type S, T or K
Colour	Stainless steel or RAL 9005
Lock	Electric lock 404 for access control
Other types of bonded handle are available on request	



LUNAX PORTA Contraflam



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LESS IS MORE

within the "EI" classification

The LUNAX PORTA Contraflam complies with the strictest fire safety requirements, i.e. the "EI" classification. Within contemporary architecture, the LUNAX PORTA Contraflam lends itself for a successful combination of supreme fire safety and a trim, transparent interior full of light and spaciousness. The most fire-safe solution for buildings requiring enhanced fire safety..

SPECIFICATIONS

GENERAL

Type	LUNAX PORTA Contraflam
Classification	EI30
Model	Frameless fire-retardent glass door for interior use

DOOR LEAF

Glass	Contraflam 30, fire resistant
Thickness	20 mm
Maximum width	1150 mm
Maximum height	2650 mm
Maximum surface	2.76 m ²
Weight	45 kg/m ²

PIVOT MECHANISM

Glass restraint	With top and bottom pivot
Pivot distance	Standard 80 mm against glass edge
Colour	RAL9005 or Stainless steel
Floor spring	Dorma BTS75 V (non hold open) Dorma BTS80 EMB (with electromagnetic hold open - 90°)

TESTED DOOR FRAMES

Support construction	
Hardwood (Meranti)	Volumic mass 600 kg/m ³
Steel	Steel construction with fire resistant protection
Gypsum board	Gypsum board construction, thickness 100 mm

HARDWARE AND FINISH

Standard door handle	LUNAX Type S, T or K
Colour	Stainless steel or RAL 9005
Lock	Electric lock 404 for access control
Other types of bonded handle are available on request	

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TheAdoriginals.nl 10/2013

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