

GLAS-DOR

ROBUST

STEEL DOORS
FOR THE
REAL WORLD



FIRE RESISTANT
Up to 120 mins
EN 1634-1 up to EI120



ACOUSTIC REDUCTION
Up to 55dB



BALLISTIC RESISTANT
BS EN 1522
FB3NS to FB7NS



INTRUDER RESISTANT
BS EN 1627
RC2 to RC5
& PAS 24

Secured by Design



Official Police Security Initiative

Glazed fire resistant
steel profile and
doorsets

GLAS-DOR

OUTA-DOR

INNA-DOR

TUFF-DOR

SECUR-DOR

LOUVRED

HARDWARE
& FINISHES

GLAS-DOR

Glazed Steel Profile System

Secured by Design



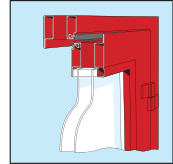
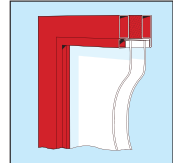
Official Police Security Initiative

ROBUST GLAS-DOR offers a fire rated fully glazed profile available in insulated and non-insulated profiles for glazed doors, sliding doors, partition walls and window sections. GLAS-DOR is now tested to PAS 24 and Secured By Design approved*.

Ideal for use in offices, shopping centres, airports, hotels, hospitals, schools and similar public buildings. GLAS-DOR is manufactured in the UK and is available made to measure.

> KEY FEATURES

- > Fire resistance up to 2 hours – EN 1634-1
- > Available tested to PAS 24
- > Burglary and bullet resistance
- > Door leaf and frame profiles available 30, 50 and 85 mm
- > Narrow 20mm and wide profiles available: 85, 130, 180 or 260 mm
- > Finger trap gasket tested to EN 1634-1



GLAZED WALL SECTIONS - UP TO 120 MINS FIRE RESISTANCE



*Available tested to PAS 24 in certain configurations. Speak to our sales team for more information.

> FIRE RESISTANCE

Up to 2 hours fire resistance

GLAS-DOR steel fire resistant sections have been tested in accordance with **EN 1634-1**. Wall sections offer up to 120 minutes integrity and insulation, doorsets up to 90 minutes integrity and 60 minutes insulation. Double leaf sliding doors can now offer 30 minutes integrity and insulation.

Door and wall sections make up the fire cell partitions in, for example, corridors, main passageways and stairwells used as evacuation routes in the event of a fire. The solid fire-resistant insulating core between the steel profiles effectively reduces heat transfer from the side of the door or wall exposed to the fire.

GLAZED DOORSETS - 90 MINS FIRE RESISTANCE



GLAZED DOUBLE LEAF SLIDING DOORS - 30 MINS FIRE RESISTANCE



> COMBINED FIRE AND SECURITY RESISTANCE

GLAS-DOR system is type-approved for fire-resistance in combination with burglary resistance, e.g. EI 60 and PAS 24. Fire resistance is provided in accordance with the applicable type approval certificate. Burglary-resistance classes RC3 and RC4 are in accordance with standard ENV 1627.

The type approval certificates mean that “labelled” sections can be used to comply with specific requirements for fire and burglary resistance with a transparent solution in stairwells, for instance. It is also possible to move exterior protection from an entrance and also comply with these requirements in stairwells, for example, that may separate various activities.

The profile depth can be adjusted to suit specific requirements, e.g. 65, 70 and 90 mm.

In addition to requirements for fire resistance, glass must also comply with requirements for burglary resistance as per EN 356 as well as fittings. Type-approved solutions include, among other things, multipoint locks (MPL).

> UNIQUE FIRE-RESISTANT SLIDING DOOR SECTION

We have developed and tested type-approved 30/30 fire resistant glazed sliding door to EN 1634-1. The door is operated using Besam Unislide (including LD 550494). Max section dimensions are 10m x 3m, and the max door leaf dimensions are 1250mm. This provides a max opening of 2210mm for bi-parting sliding doors.

Please note that door leaves in sliding doors must not pass over any vertical element as there is a risk of damages. Sliding doors must not be installed along evacuations routes, and if required, an emergency exit door should be installed at the side.



> SIZE AND CONFIGURATIONS

The systems can be adapted to suit requirements and are type approved, with features including finger trap gaskets. The systems have profiles adapted for modular locks (85 mm) as well as narrow (20 mm) and wide (130, 180 and 260 mm) profiles. These tested and approved systems also come in a wide variety of heights and widths. Wall sections up to 3.3m height and with a free edge have been tested as per EN 1634-1 to ensure compliance up to EI 120.

> APPLICATIONS

Robust GLAS-DOR profile systems are intended for use in glazed door and sliding door sections and wall and window sections in offices, shopping centres, airports, hotels, sports centres, banks, embassies, prisons, schools, and hospitals, etc.



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NovoFire®

Aluminium systems for doors and walls

Novofire® aluminium profile frames are the perfect solution for modern property construction. With their elegant surface finish, timeless design and numerous options, they offer virtually limitless possibilities for ambitious architects and planners when designing transparent fireproof and smokeproof seals in building interiors.

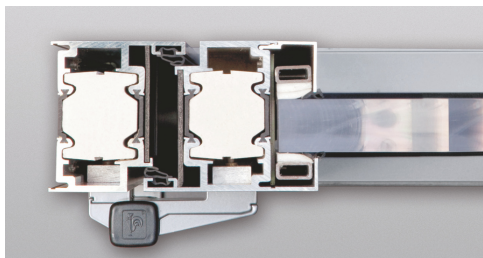
> KEY FEATURES

- > Smokeproof to DIN 18095
- > Fire resistance classes T30/F30 (EI30) or T90/F90 (EI90) to DIN 4102
- > Burglar resistance to ENV 1627 for T30 (EI30) doors in classes WK1 or WK2, optionally in WK3
- > Door closer, electric opener or anti-panic functions to EN 179 or EN 1125 can be integrated
- > Available with "Anodized Aluminium" finish for Stainless steel look

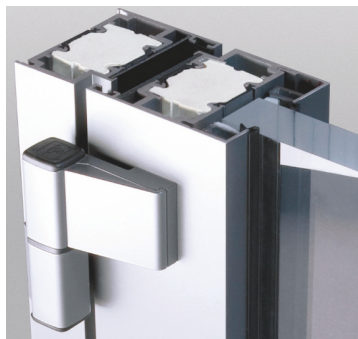


> SYSTEM DESCRIPTION

Aluminium door element made of single chamber hollow profiles. In combinations with an automatically lowerable floor seal, this door is tested for smoke protection in accordance with DIN 18095. Visible width of frame and seal: 150mm, pedestal height: 98 - 238mm, installation depth: 74mm (EI30) or 90mm (EI90). The inactive leaf on a double door unit must not be less than 500mm. The elements are pre assembled for brushing assembly or weld-on fitting.







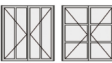



The fire protection core, which is anored in the middle, leaves space free on each side, which can be used for cable routing or for fastening add-on parts.



> **TECHNICAL DATA**

T30-1 (EI 30) door, T30-2 (EI 30) door, F30 (EI 30) fire-resistant glazing

Resistance Class		T30 (EI 30)			F30 (EI 30)	
Type		NovoFire T30-1 (EI 30)	NovoFire T30-1 (EI 30) combo door	NovoFire T30-2 (EI 30)	NovoFire F30 (EI 30) with T30 (EI 30)	
Models	Doors and fixed units with glazing					
	Doors can be combined with fixed units - in any transom spacing					
Dimensions	Shell Dimension	Width min - max	634 - 1834*	811 - 3312*	1500 - 3270*	Unlimited
		Height min - max	1755 - 3135*	1915 - 3820*	1755 - 3135*	Max. 5000 ¹⁾²⁾
	Clear passage when opened 180°	Width min - max	453 - 1412	453 - 1413	1320 - 2850	-
		Height min - max	1665 - 2925	1665 - 2616	1665 - 2925	-





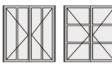

- Not possible

* Incl. 120mm wider door frame on the left and right hand sides and at the top

1) In keeping with static requirement

2) Installation of the T30-1 (EI 30) or T30-2 (EI 30) door in the F30 (EI 30) fire-resistant glazing: Stiffening tube on the left and right of the frame profile of the fixed glazing. H ≤ 3500 without stiffening tube, H ≤ 4000 with Al tube 80 x 50 x 4, H ≤ 4500 with Al tube 100 x 50 x 4, H ≤ 5000 with Al tube 120 x 50 x 4

T90-1 (EI 90) door, T90-2 (EI 90) door, F90 (EI 90) fire-resistant glazing

Resistance Class		T90 (EI 90)		F90 (EI 90)	
Type		NovoFire T90-1 (EI 90)	NovoFire T90-2 (EI 90)	NovoFire F90 (EI 90) with T90 (EI 90)	
Models	Doors and fixed units with glazing				
	Doors can be combined with fixed units - in any transom spacing				
Dimensions	Shell Dimension	Width min - max	624 - 1730*	1500 - 2730*	Unlimited
		Height min - max	1750 - 2610*	1750 - 2610*	Max. 4000 ¹⁾²⁾
	Clear passage when opened 180°	Width min - max	454 - 1320	1320 - 2310	-
		Height min - max	1665 - 2405	1665 - 2405	-

- Not possible

* Incl. 120mm wider door frame on the left and right hand sides and at the top

1) In keeping with static requirement

2) Installation of the T90-1 (EI 90) or T90-2 (EI 90) door in the F90 fire-resistant glazing: Stiffening tube on the left and right of the frame profile of the fixed glazing. H ≤ 3500 without stiffening tube, H ≤ 4000 with Al tube 80 x 50 x 4, H ≤ 4500 with Al tube 100 x 50 x 4, H ≤ 5000 with Al tube 120 x 50 x 4

For more information on Novofire, please speak to our sales office or go to our website.

HARDWARE

We stock a wide range of steel door parts, including: handles, locks, hinges, seals, panic hardware, closers & stays, cylinders, paint, thresholds, access control hardware, and plates.

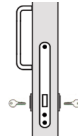


> MORTICE LOCKS AND LATCHES



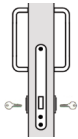
DEADLOCK ALT 1

DeadLock fitted with external cylinder pull, double cylinder and internal escutcheon. Standard for plant rooms.



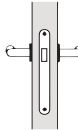
DEADLOCK ALT 2

Deadlock fitted with 19mm bolt through handle, and push plate to opposite side. Double cylinder with escutcheons as standard.



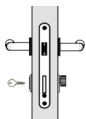
DEADLOCK ALT 3

Deadlock fitted with double 19mm bolt through handle. Double cylinder with escutcheons as standard.



LATCH

The standard latch fitting is with a pair of 19mm stainless steel levers, suitable for non-secure doors to provide privacy.



SASHLOCK

The standard fitting for sashlocks is with pair of 19mm stainless levers and a double cylinder deadbolt. Illustrated is optional thumbscrew on non-secure side.



TOILET LOCK

As the sash lock but the deadbolt is fitted with a privacy/indicator set instead of a cylinder.



NIGHTLATCH ALT 1

Suitable for automatic locking entrance doors, used manually or in conjunction with an electric strike. Illustrated optional cylinder pull.



NIGHTLATCH ALT 2

As Alt 1 but fitted with a pull handle. Doors fitted electric strikes provide key access for authorised persons as a manual override, whilst the internal handle gives escape at all times.



NIGHTLATCH WITH SNIB

The snib allows the locking latch to be secured within the lockcase giving free access. Doors with night latches are normally fitted with closers.



> STANDARD PPC COLOUR CHART

 RAL 1021 RAPE YELLOW	 RAL 3000 FLAME RED	 RAL 3020 TRAFFIC RED	 RAL 5002 ULTRAMARINE BLUE	 RAL 5003 SAPPHIRE BLUE
 RAL 5005 SIGNAL BLUE	 RAL 5010 GENTIAN BLUE	 RAL 5011 STEEL BLUE	 RAL 5012 LIGHT BLUE	 RAL 5015 SKY BLUE
 RAL 5024 PASTEL BLUE	 RAL 6002 LEAF GREEN	 RAL 6003 OLIVE GREEN	 RAL 6005 MOSS GREEN	 RAL 7000 SQUIRREL GREY
 RAL 7004 SIGNAL GREY	 RAL 7005 MOUSE GREY	 RAL 7011 IRON GREY	 RAL 7012 BASALT GREY	 RAL 7015 SLATE GREY
 RAL 7016 ANTHRACITE GREY	 RAL 7021 BLACK GREY	 RAL 7022 UMBRA GREY	 RAL 7024 GRAPHITE GREY	 RAL 7030 STONE GREY
 RAL 7035 LIGHT GREY	 RAL 7037 DUSTY GREY	 RAL 7038 AGATE GREY	 RAL 7039 QUARTZ GREY	 RAL 7040 WINDOW GREY
 RAL 7042 TRAFFIC GREY A	 RAL 7043 TRAFFIC GREY	 RAL 8004 COPPER BROWN	 RAL 8019 GREY BROWN	 RAL 9002 GREY WHITE
 RAL 9003 SIGNAL WHITE	 RAL 9004 SIGNAL BLACK	 RAL 9005 JET BLACK	 RAL 9006 SILVER	 RAL 9007 GREY ALUMINIUM
 RAL 9010 WHITE	 RAL 9016 TRAFFIC WHITE	 BS 04 E 53 POPPY RED	 BS 08 B 29 VAN DYKE BROWN	 BS 10 A 05 GOOSE WING GREY
 BS 12 B 21 MOORLAND GREEN	 BS 12 B 29 JUNIPER GREEN	 BS 18 B 17 HERON	 BS 18 B 25 MERLIN GREY	 BS 18 E 53 COBALT BLUE

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You always get more with Pearson Industrial Doors



**10 YEAR ANTI-CORROSION
WARRANTY**



MADE-TO-MEASURE



10-DAY TURNAROUND
On standard specifications



**HARDWARE FITTED
IN FACTORY**



**HIGH QUALITY LOCKS
AS STANDARD**



**FULL FITTING KITS SUPPLIED
WITH EVERY DOOR**



**QUICK, HASSLE-FREE
FITTING**



SOME LITTLE EXTRAS



**DELIVERY TO SITES
ACROSS THE UK**



**INSTALLATION TRAINING
AND SUPPORT**



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All doors manufactured by
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Scandinavian design. Manufactured in Britain

Individual specifications may vary as Robust UK conduct a policy of continuous product development.