

LOUVRED

**STEEL DOORS
FOR THE
REAL WORLD**



**TEN YEAR
GUARANTEE**

Our doors are manufactured in a range of materials offering strength and durability. Our external doors are manufactured using magnelis sheets and can offer an anti-corrosion warranty of up to 10 years with a standard PPC coating.*



**MADE TO
MEASURE**

All steel doors are made to order at our UK factory, are available in a wide range of heights and widths to suit any requirement, and are delivered fully assembled.



**CE marked to
BS EN 14351-1**

ROBUST 

Steel Door Solutions

GLAS-DOR

OUTA-DOR

INNA-DOR

TUFF-DOR

SECUR-DOR

LOUVRED

HARDWARE
& FINISHES

VENT-DOR

Steel and aluminium doors for ventilation



ROBUST manufacture a range of louvred doorsets including fully louvred options in steel or aluminium and louvred panels for inserting into our OUTA-DOR or INNA-DOR range.

Our fully louvred doors are suitable for plant rooms, boiler rooms, etc. where continuous airflow is required to ventilate machinery, etc.

Steel Louvred Doors

Louvred doors are used to ventilate plant areas but also to offer protection against machinery otherwise open to potential vandalism. Robust Louvred Steel Doors are stronger than traditional lightweight aluminium louvres and can be used with side and overpanels. In addition to this, we can also produce louvred screens and enclosures.

Another application for our louvred doors is in refuse areas, allowing air to circulate in from the bottom and allowing foul odours and potential dangerous fumes to escape.



Aluminium Louvres

As an option Robust can also supply doors with leaves formed from extruded aluminium louvres in a 114mm single rebate frame. These doors are available in single or double configurations and can also be supplied with matching overpanels and side panels. In addition the aluminium louvres can be provided as screen sections for plant enclosures etc. All louvres are available in a choice of PPC colours from standard range.

> DOOR LEAF

Thickness:	55mm
Material:	2mm corrosion resistant Zintec/ Aluzinc as standard, wide variety of colours and finishes available. Also Stainless Steel.
Construction:	Doorblade manufactured from 2mm steel. The louvre blades are inclined at 45° and mounted at 50mm centres within a 50mm deep angle frame, which is mounted on a box section sub-frame for rigidity. A galvanised bird and vermin mesh can be supplied.



> DOOR FRAME

Construction:	Folded from 1.6mm Zintec/Aluzinc. Screw and tab construction with 4no. adjustable fixing feet per jamb, variable subframe supplied as standard to accommodate site tolerance of -0/+30mm. The frame is fitted with 3no. Class 13 stainless steel hinges with 2no. security dog bolts.
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Profile: Types A & B available in both inward and outward opening versions.

Standard

TYPE C

Optional

TYPE A

TYPE B

TYPE D

> THRESHOLD

15mm aluminium (DDA compliant)

Standard

5mm aluminium driveable (DDA compliant)

No threshold

Optional

15mm steel pressed rebated threshold

01933 448850

www.samsondoors.co.uk

ROBUST Steel Door Solutions

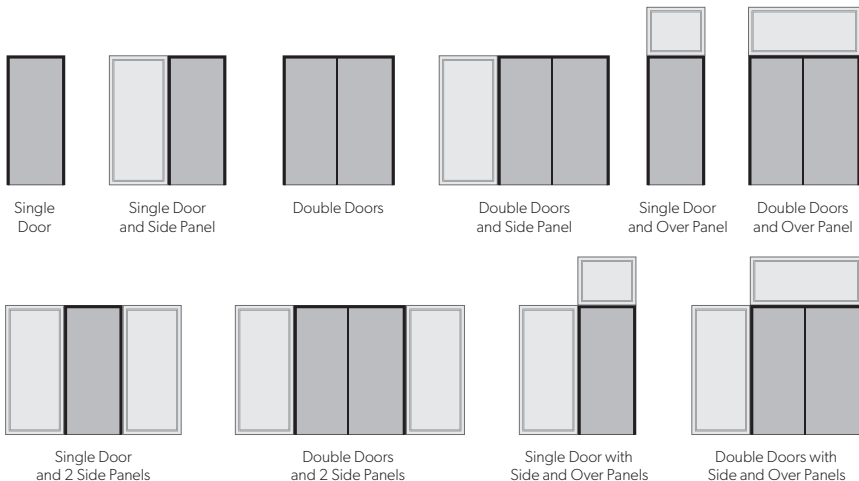
10/20

> SIZES

Sizing:	Doors are custom manufactured in 10mm increments for single openings 690mm to 1100mm and double openings 1290mm to 2300mm, at heights up to 2500mm. Over these sizes fully louvred performance can be achieved by custom design. Contact the Sales office for special configurations and finishes.
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> PANEL ARRANGEMENTS

Construction:	Side and over panels can be supplied.
Construction:	Side panels are available up to 1100mm wide x 2500mm high. Over panels are available up to 2500mm (single door) or 2200mm (double door).
Options:	Hinged or removeable panels are available. Also combinations to create enclosures. Please consult the Sales office with specific requirements.



TUFF-VENT

Certified to PAS 24* and approved by Secured by Design, our TUFF-VENT doorset offers maximum free airflow whilst maintaining strength and security. A standard 2mm galvanised steel louvre vane is used throughout, welded at every junction for additional strength. Side panels and overpanels can also be manufactured to make up large openings where large doors may be impractical.



When calculated on a 1000mm x 2100mm over frame door, the Robust TUFF-VENT achieves a free area of 55% (based on the area of the louvres only, this equates to 72%). Robust TUFF-VENT doors are fully CE compliant and can be polyester powder coated in a standard range of colours.

*Please note our TUFF-VENT doors are certified to PAS 24 but are not available certified to LPS1175. They are approved by Secured By Design - the Official Police Security Initiative.



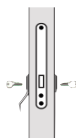
HARDWARE

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.

We have tried to include our most commonly requested parts and to make it quick and easy to order parts via our online store located at **www.robust-hardware.com**.



> MORTICE LOCKS AND LATCHES



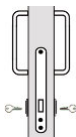
DEADLOCK ALT 1

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



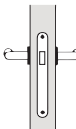
DEADLOCK ALT 2

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.



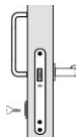
TOILET LOCK

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



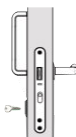
NIGHTLATCH ALT 1

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



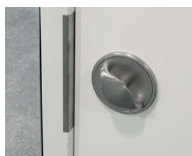
NIGHTLATCH ALT 2

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.



> MORTICE MULTI-POINT LOCKING**3-POINT SASHLOCK**

This lock has a sashlock fitted centrally with top & bottom deadbolts. The cylinder operates all locks from the central point. Either a double or euro cylinder & turn can be fitted. An escape version is also available. Note this lock is only available on custom built doors.

**DEADLOCK ALT 2**

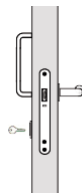
Additional locks, usually deadlocks, can be fitted to standard doors to aid security. In the illustration are additional deadlocks & a sashlock, which can be fitted in either the upper or lower quarter, or both. The standard option is two locks, one fitted centrally and one in the lower quarter (it is more difficult to apply leverage to the upper half of a door when attacking it).

Additional locks can be fitted with panic bolts and latches to provide night time security, subject to Fire Regulations.

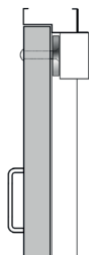
Typically locks are Hooply Sashlock or Deadlock with Securefast Escutcheons.

> LOCKING: ACCESS CONTROL**MECHANICAL KEYPAD**

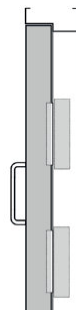
As standard this is provided with a latchbolt complete with a pair of stainless steel levers and a deadbolt for security, operated by a double cylinder. Illustrated is optional thumbscrew on non-secure side.

**ELECTRIC STRIKE**

As standard the door blade is fitted with a nightlatch complete with an external pull handle and internal half-lever. The lever allows manual egress from the inside (this can be replaced by a push button or a secure access system). A half-cylinder can be fitted to allow fail-safe override. The strike can be activated by the full range of secure access systems, eg. keypad, swipe card, etc. Available in 12 or 24vDC and with Fail Open (power to hold strike) or Fail Closed (power to open).

**ELECTRO-MAGNET LOCK, SURFACE MOUNTED**

Available in 12 or 24vDC the magnet can be activated by the range of security access systems, eg. keypad, swipe card, etc. It is fitted to the frame with a bolt through armature plate on the door blade. The magnet is locked when power is applied and automatically Fails Open when it is removed. The lock can be fitted to single or double doors.

**ELECTRO-MAGNET LOCK, CONCEALED MOUNTING**

The door is fitted with two mag-locks flush mounted into a special frame section, whilst the armature plates are recessed into the door blade. This arrangement is ideal for high traffic entrance doors to offices and flats, as it provides an esthetically pleasing door offering high security and resistance to attack or abuse. The lock can be fitted to single or double doors (on double doors only active leaf operation is allowed).

CLAS-DOR
OUTA-DOR
INNA-DOR
TUFF-DOR
SECUR-DOR
LOUVRED
HARDWARE & FINISHES

FINISHES

> STANDARD COLOUR FINISHES

All Robust doors are supplied with a choice of polyester powder coatings from our Standard PPC Colour Range (see chart opposite)



> OPTIONAL FINISHES

We also offer a range of optional finishes to fit your exterior or interior application.



Polyester Powder Coated from Non-Standard Colour Range



PVC Laminate from Standard Range



Stainless Steel Brushed, Polished or Patterned



Unfinished for site finishing

Woodgrain PVC Laminates



NORDIK OAK



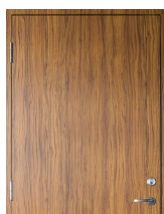
ASH



MAHOGANY



MAGIC OAK



TEAK



CHERRY




VIRGIN WHITE



GOLDEN OAK

> **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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LOUVRED

HARDWARE & FINISHES

You always get more with a Robust door



**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**

ROBUST®

Steel Door Solutions

Scandinavian design. Manufactured in Britain

