

STEEL DOOR SOLUTIONS



FIRE RATED
UP TO 4 HOURS



1.3W/(m²K)
ACHIEVABLE



UP TO 10 YEARS
WARRANTY



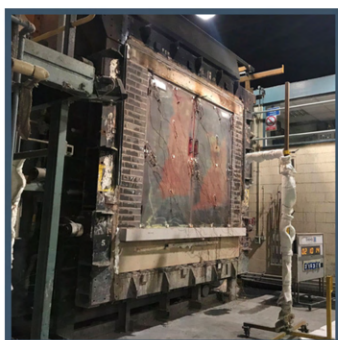
0845 00 66 777

INVESTING IN TESTING

THE GOLD STANDARD

Whether it's security rating, fire resistance, thermal transference or acoustic ratings, all our products are third-party tested to give you peace-of-mind that they perform how we say they do.

We make continual improvements to our product range in line with changing regulatory demands – for example, CE Marking. Doors are tested with independent bodies to gain certification, such as Secured by Design (the official police initiative to 'design out crime'), the Loss Prevention Certification Board (LPCB) and Warrington Fire.

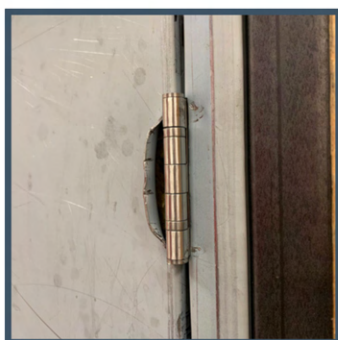


FIRE RESISTANCE

We offer a broad range of certified fire resistant doors including our highly versatile **INNA-DOR** and **OUTA-DOR** products, which both offer up to 4 hours fire resistance if needed.

Our security rated doors **TUFF-DOR 2.I** and **SECUR-DOR 2.I** are both available with 60 minutes fire rating on request in addition to their security rating (certain specifications only).

GLAS-DOR combines fire protection with other requirements such as acoustic reduction, ballistic resistance and security certification, and we can also provide **OUTA-DOR Premio** and Novofire® from Novoferm for even more choice and flexibility.



INTRUDER & BLAST RESISTANT DOORS

We offer a broad range of security rated steel door solutions – these include the **SECUR-DOR** range (available with PAS 24, STS202 BR3 and ENV 1627 Level 4 certifications as required), and **TUFF-DOR** collection (LPS 1175 certified to SR2, SR3 or SR4 levels).

Certified to PAS 24 and approved by Secured by Design, **TUFF-VENT** offers maximum free airflow whilst maintaining strength and security, and **GLAS-DOR** provides a fire rated fully glazed solution that's also burglary-resistant (PAS 24 and RC3 and RC4 classes in accordance with standard ENV 1627).



OUR PRODUCTS

Our broad product range ensures a stylish, high performance solution suitable for a variety of applications across the industrial and commercial sectors.

OUTA-DOR

Our industry leading **OUTA-DOR** external door solutions include general purpose doorsets, emergency escapes, fire rated options and low U-value products.

Available with vision panels, louvres, over panels and side panels, along with the hardware of your choice.

Fire rated on request, for intervals of 60 minutes, 120 minutes or 240 minutes.

Manufactured from Magnelis® steel for unrivalled corrosion resistance.

OUTA-DOR THERM is available with a U value of just 1.3W/(m²K), or 1.5W/(m²K) if combining with 60 minutes fire resistance.

OUTA-DOR can be manufactured as a sports hall door in line with Sports England guidance, without impacting thermal resistance.

Up to 10 years warranty.



INNA-DOR

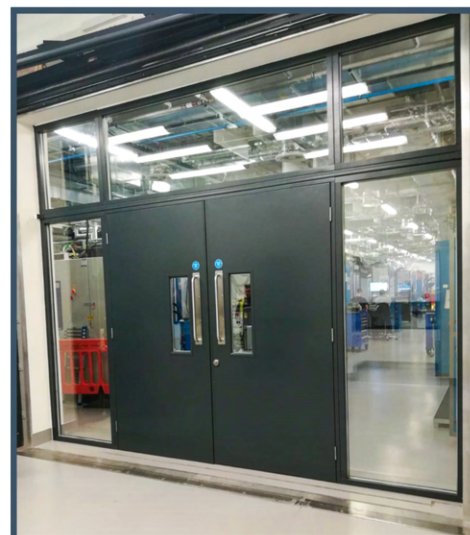
Offering an aesthetic design, durable construction and up to 4 hours fire protection, **INNA-DOR** is ideal for internal applications and compatible with a wide variety of wall constructions.

Available with vision panels, louvres, over panels and side panels, along with the hardware of your choice (dependent on fire rating requirements).

Designed to protect people and property from the spread of flames & smoke, with all doors tested to BS EN 1634-3 for smoke leakage and up to 240 minutes fire rating available on request.

Manufactured from Magnelis® steel for unrivalled corrosion resistance.

Up to 10 years warranty.



SECUR-DOR 2.1

Re-designed and enhanced, our new and improved **SECUR-DOR 2.1** offers more choice and versatility than ever before, but without compromising on performance.

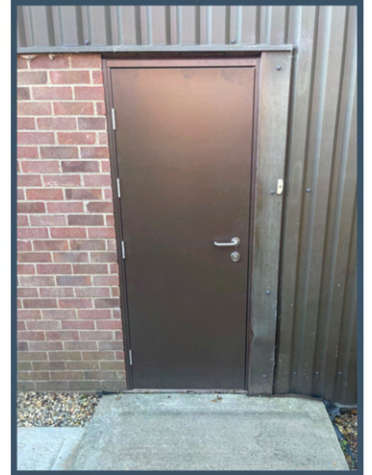
Tested to PAS 24 (2022), STS 201, BS EN 6375-1, 2 & 3, and Secured by Design approved.

Available fire rated for up to 60 minutes on request.

New and exclusive collection of ARRONE panic hardware has been developed in collaboration with HOPPE to provide cost-effective solutions without compromising on quality.

Manufactured from Magnelis® steel for unrivalled corrosion resistance.

Up to 10 years warranty.



TUFF-DOR 2.1

TUFF-DOR 2.1 is an LPS1175 certified security door that's Secured by Design accredited, and available with up to 60 minutes fire rating on request.

Available as both single and double doorsets, with vision panels and louvres (if not fire rated).

Manual and electric locking and emergency escape hardware options, plus a range of door closers and limit stays available.

Offers unrivalled corrosion resistance thanks to its Magnelis® steel construction.

Up to 10 years warranty.



TUFF-VENT

TUFF-VENT offers maximum free airflow whilst maintaining strength & security.

PAS 24 certified and Secured by Design approved.

Ideal for use when continuous airflow is required alongside protection of equipment or machinery.

Two years warranty.



VENT-DOR

Manufactured from lightweight aluminium or strong steel.

Available with matching side & over panels.

Louvred screens & enclosures also available.

Single or double openings.

Allows a minimum airflow of 50% (dependent on configuration).

Ideal for use in refuse areas, circulating air in from the bottom and allowing foul odours and potentially dangerous fumes to escape.

Two years warranty.



GLAS-DOR

Glazed doorsets, windows, screens, facades & partitions all available.

Fire resistant E & EI ratings.

Ballistic & intruder resistant options available.

Slimline profile offers minimal sightlines.

Creates a smooth transition between internal and external spaces, zoning areas without closing them off.

Ideal for use in commercial & residential spaces such as hotels, office blocks, apartments & retail environments.

Two years warranty.



OUTA-GATES

Manufactured from Magnelis® steel for unrivalled corrosion resistance.

Flat panel or tongue & groove effect.

Made-to-measure; two standard heights and custom width.

Range of hardware options available.

Each gate is supplied with template drilled hinges with dog bolts for additional security.

Up to 10 years warranty.



FRAME TYPES

All frames are manufactured from 1.5mm Magnelis® steel as standard, and most are supplied with adjustable fixing feet to allow the frame to be accurately installed even in openings which are out of square. We also supply a variable sub-frame to accommodate for a site tolerance of +/- 30mm which ensures a quick, hassle-free installation.

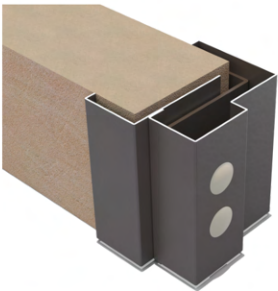
The following frames (excluding the E frame) are suitable for use with masonry, concrete, and flex stud walling (cold wall style), but are not compatible for use with insulated panels; please request an E frame for installations of this type.



C FRAME

Our standard, most popular frame, the C frame is generally the most versatile and can be adjusted to be deeper or narrower as required.

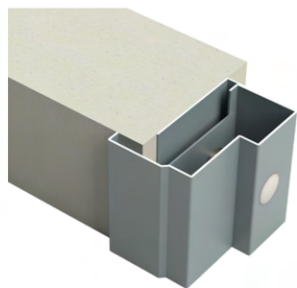
Durable, tough and easy fit, it's suitable for both inward and outward doorsets, and is the frame used to calculate our stated U values.



A FRAME

This is a wrap-around frame typically used to wrap-around a solid masonry wall for a neat, sleek finish.

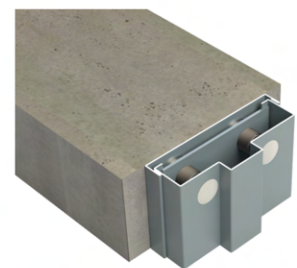
It's popular for use in fire rated doorsets, however your structure will need to meet the requirements of our certification.



B FRAME

This is a single architrave door frame, designed to cover the opening on one side of the door. The other side of the door would show exposed masonry, which can be architraved over to match and would fit much like the c frame.

The B frame is available for both inward and outward opening doorsets. .



D FRAME

Also known as a double architrave frame, the D frame is designed for architrave to be added to both sides to provide a neat, clean finish.

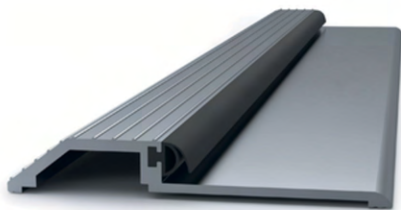


E FRAME

A wrap around frame suitable for use with insulated panels.

THRESHOLDS

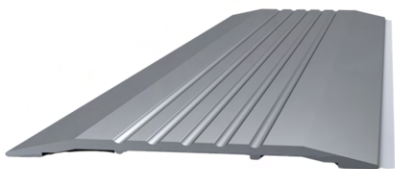
We provide a number of threshold options to ensure a flexible solution to suit your requirements.



15MM REBATED

This 15mm high aluminium threshold is our standard specification, and is DDA compliant.

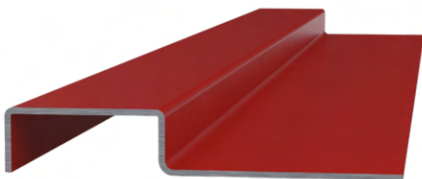
It's available for both inward and outward opening doorsets; inward opening thresholds also feature a rain deflector and can include a brush sweep.



6MM DRIVEABLE

Ideal for applications where trolleys or other wheeled items are regularly passing through the doorway.

Rain deflector and brush sweep are available on request.

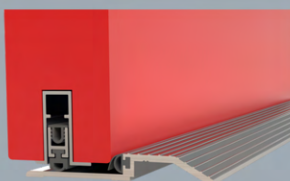


15MM STANDARD

This threshold is rarely specified due to the absence of an angled ramp.

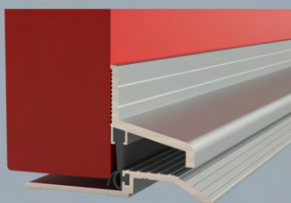
As such, applications are limited but may include heavy industrial applications that fall outside of the DDA definition of public buildings.

ADDITIONAL ITEMS



DROP SEAL

Available on request, with a choice of mortice or surface mounted options.



RAIN DEFLECTOR

Does what it says on the tin!

PANEL ARRANGEMENTS

Panels can be solid, glazed or louvred; and fixed, hinged or removable (subject to certification requirements).

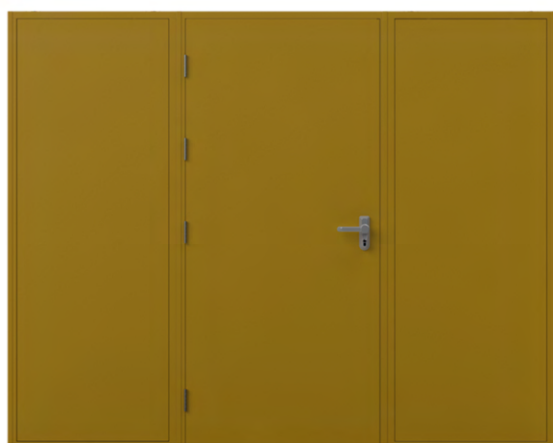
For further information, including minimum and maximum sizes for your specified doorset, please contact our estimating team.



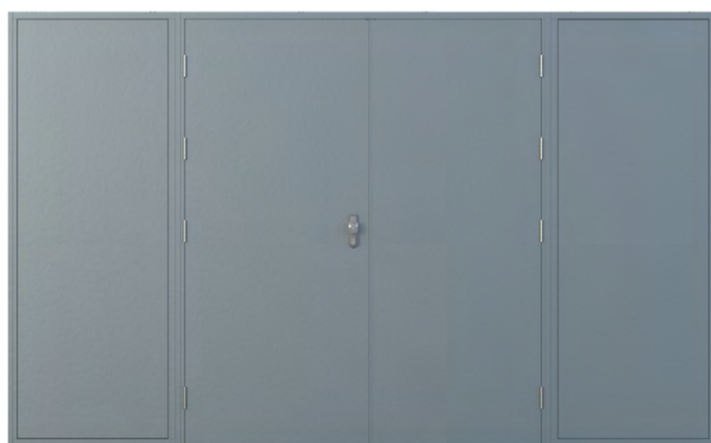
Single door with side panel (L)



Double door with side panel (L)



Single door with two side panels (L & R)



Double door with two side panels (L & R)



Single door with over panel



Double door with over panel



Single door with over panel & side panel (R)



Double door with over panel and side panel (R)

VISION PANELS

FLEXIBLE SOLUTIONS

We offer a wide variety of configurations and sizes of vision panels to suit your requirements, including Part M compliant solutions.

To make life easy, we have a wide range of standard vision panel solutions for you to choose from (see next page for more details). However, as all our doors are made-to-order we're also happy to manufacture doors with custom sized vision panels and glazing - please speak to our estimators to discuss your requirements.



CONSTRUCTION

Welded construction from 1 mm cold rolled steel, screwed together from one side.

We use double glazed units as standard with our fire rated and non-fire rated doors.

Frames can be powder coated to match the leaf for a seamless look, or finished in a contrasting colour for maximum impact or should your frame require a Light Reflective Value (LRV) greater than 30 points from your structure.

Stainless steel frames can also be supplied on request



PART M COMPLIANCE

Part M of the Building Regulations 2004 requires that doors wider than 450mm have minimum zone(s) of visibility in certain situations.

The visible area must be:

- on the leading edge of the door;
- between 500mm and 1500mm from the floor; and;
- may be interrupted between 800mm and 1150mm to accommodate door features such as hardware.

Vision panels less than 50% of the total door area are exempt from Part L of the Building Regulations.



VISION PANELS

STANDARD VISION PANELS



254mm x 254mm



254mm x 559mm



254mm x 762mm



* 254mm x 1219mm



* 254mm x 762mm
254mm x 559mm



* 254mm x 1524mm



610mm x 610mm



610mm x 1219mm

* Part M Compliant.

MAXIMUM DIMENSIONS

Maximum clear vision size for a fire rated doorset is 559mm x 1473mm per leaf.

Maximum vision panel dimensions and glazing used may be affected by fire rating and hardware requirements; please ask our estimators for further information.



LOUVRES



VENTILATION SOLUTIONS

Louvered panels can be incorporated on request for applications where continuous airflow is required for ventilation, such as plant rooms, boiler rooms, and waste facilities.

Providing up to 50% ventilation without compromising on style or security, we can manufacture doorsets with just one panel (positioned either top or bottom), two panels, or full length.

We can also manufacture louvered side and over panels, with fixed, hinged and fully removable options.

LOUVRE SIZES

Our louvre panels are available in two standard sizes:

- 457mm x 457mm
- 457mm x 1524mm

Frames are 1.2mm thick, with blades at 0.7mm.

Louvre blades are constructed to stop birds, and insect mesh is also available on request.

Please speak to our estimators about **VENT-DOR** if you require louvres to a custom size that differs from our standard panels above.



457mm x 457mm
Bottom



457mm x 1524mm
Full length plus louvered over panel



457mm x 457mm
Twin



457mm x 457mm
Top



457mm x 1524mm
Full length

HARDWARE

We're proud to work with the industry's leading hardware manufacturers to ensure we offer a broad range of high quality locks as standard.

Please contact us for further information.

DEADLOCK



Arrone Deadlock
Alt 1



Arrone Deadlock
Alt 2



Arrone Deadlock
Alt 3

SASHLOCK



Hooply 95
Sashlock



Arrone
Sashlock



Hooply 95 Deadlock
Alt 1



Hooply 95 Deadlock
Alt 2



Hooply 95 Deadlock
Alt 3

TOILET LOCK



Arrone Toilet Lock

NIGHTLATCH



Arrone Nightlatch
Alt 1



Arrone Nightlatch
Alt 2



Arrone Nightlatch
With Snib

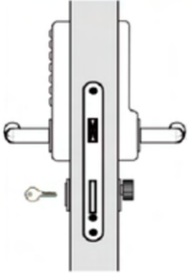
LATCH



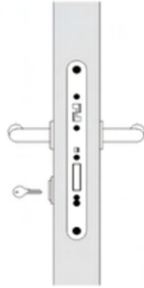
Arrone Latch

HARDWARE

ACCESS CONTROL



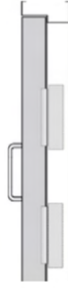
Mechanical Keypad



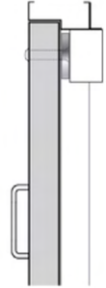
EL560



Electric Strike



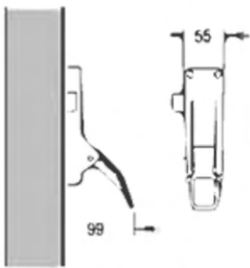
Electro-Magnet Lock
Concealed Mounting



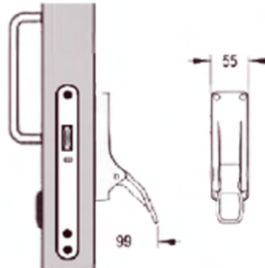
Electro-Magnet Lock
Surface Mounted

PANIC ESCAPE

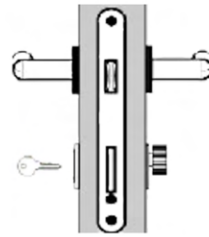
Emergency Application - EN179



Rim Panic Pad



Mortice Panic Pad

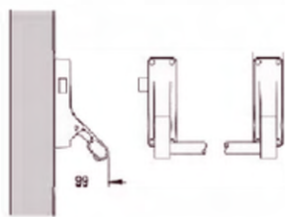


Escape Sashlock

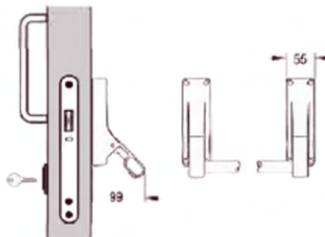


Escape Nightlatch

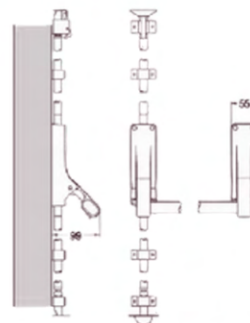
Panic Application - EN1125



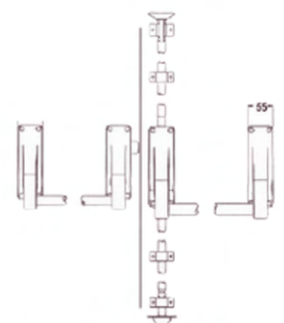
Rim Panic Latch



Mortice Panic Nightlatch



Two Point Panic Bolt



Double Door Escape

Escape door furniture can be fitted with a number of options for access from outside, such as panic latch or pad with a mechanical keypad - please ask our estimators for further information.

LOOKING FOR MORE?

Please speak to our estimators if your preferred solution isn't listed here; this list is not exhaustive.

FINISHES



POWDER COATING

All doors are supplied with a polyester powder coating (PPC) as standard.

We offer a broad choice of over 50 colours in our standard range, and are happy to finish in any non-standard colour of your choice too!

Choose your level of sheen from:

Matt 30% (also known as eggshell)

Semi-gloss 65%

Gloss 80%

We can manufacture “two-tone” doors with each side of the leaf a different colour, and enhanced PPC finishes are available for C4 and C5 applications for additional protection.



WOODGRAIN LAMINATE

Woodgrain laminates provide a high performance decorative finish that combines the warm, natural look and feel of wood with the durability and security of steel.

Realistic yet hardwearing, laminates require less upkeep than traditional wooden doors yet provide the same softer aesthetic. UV, scratch and moisture resistant, a laminate will not warp, rot or fade.

STAINLESS STEEL

Our stainless steel doorsets bring together strength and style, ensuring a sleek, modern aesthetic that's also durable, hygienic and low maintenance.

Incredibly corrosion resistant, the smooth, non-porous surface prevents bacterial growth and is easy to clean and maintain. for long lasting performance. Stainless steel doors are therefore ideal for demanding environments such as commercial kitchens, hospitals, laboratories, pharmaceutical applications, and coastal or other highly corrosive environments.



PPC COLOUR CHART



RAL 9016 Traffic White



RAL 9003 Signal White



RAL 9010 White



RAL 9002 Grey White



RAL 1021 Colza Yellow



RAL 7000 Squirrel Grey



RAL 7004 Signal Grey



RAL 7005 Mouse Grey



RAL 7009 Green Grey



RAL 7011 Iron Grey



RAL 7012 Basalt Grey



RAL 7015 Slate Grey



RAL 7016 Anthracite 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



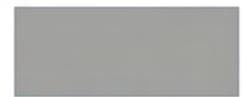
RAL 7042 Traffic Grey A



RAL 7043 Traffic Grey B



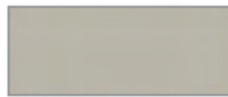
RAL 8019 Grey Brown



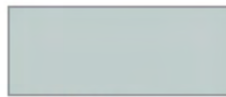
RAL 9006 Silver



RAL 9007 Grey Aluminium



BS10A05 Goosewing Grey



BS18 B 17 Heron



BS 18 B 25 Merlin Grey



RAL 5024 Pastel Blue



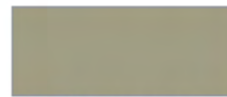
RAL 5012 Light Blue



RAL 5015 Sky Blue



BS 18 E 53 Cobalt Blue



BS12B21 Moorland Green



RAL 8004 Copper Brown



BS08B29 Van Dyke Brown



RAL 3000 Flame Red



RAL 3020 Traffic Red



BS 04 E 53 Poppy Red



RAL 5002 Ultramarine Blue



RAL 5003 Sapphire Blue



RAL 5005 Signal Blue



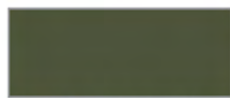
RAL 5010 Gentian Blue



RAL 5011 Steel Blue



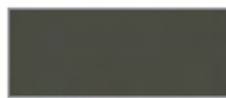
RAL 6002 Leaf Green



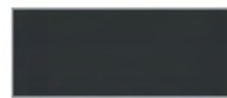
RAL 6003 Olive Green



RAL 6005 Moss Green



BS12B29 Juniper Green



RAL 7021 Black Grey



RAL 9004 Signal Black



RAL 9005 Jet Black

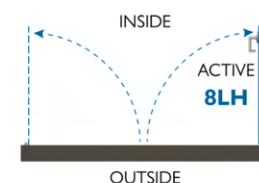
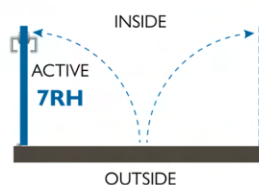
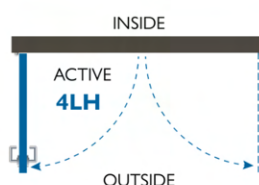
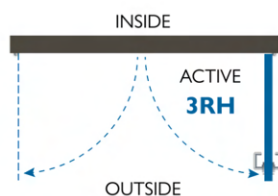
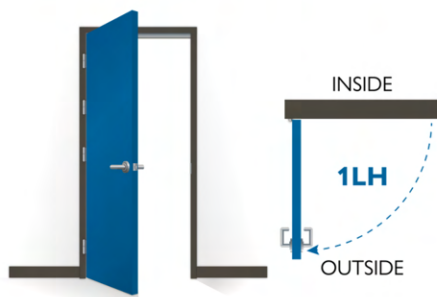
We offer over 50 options within our standard colour range, and are happy to finish in non-standard colours too. Please contact our estimators for further information.

HANDING CHART

SINGLE DOORS

DOUBLE DOORS

OUTWARD OPENING



INWARD OPENING

0845 00 66 777