Simplifying Internal Timber Doorsets

Flat Entrance | Internal | Communal





















Innovative, adaptable internal doorsets

Modulo Doorsets

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Modulo Doorsets Brand Promise

BY Selo.

Since we founded in **2008**, we've consistently explored opportunities to **simplify bespoke** and **complex building** methods.

Replacing them with dependable systems that deliver consistent, premium outcomes. We focused on specialist doors and that's still the core of our business now.

There are three key promises we keep to add value to our customers:



Scan QR to view more selo.global/why-selo

ROTECT Reduce every potential risk to a minimum

Unrivalled experience of large, complex projects and pioneering fire safety assurance.

We never walk away from a problem

We have a **legacy of** industry leading **innovation**

Our continuous development drive has led us to the forefront of industry innovation.

Our innovations become industry norms

s U P P O R T Give **detailed project assistance** at every stage

Proven process and industry expertise to ensure everything works out as intended. Support surrounding your project

halo

Modulo Doorsets Core Values

BY Selo.

We own a set of **principles that we live by.** These ten core values run through the heart of our organisation

Whether it be the products and services we provide, the way we treat our staff or the way we run the business. We apply these values to everything that we do:



Scan QR to view more selo.global/about

#1	Keep it simple
#2	Tell things as they are, with respect
#3	Embrace change
#4	Positive 'will do' attitude
#5	Work at pace, have fun
#6	Never ever give up
#7	Take ownership
#8	One company, one team
#9	Get the result
#10	Learn continuously



CPD & **Breakfast Morning** Presentations:

SeloAcademy.

Architects one-to-one advisory workshops with Keelan Tunley.

Specification

workshop Design & Specification

One-to-one advisory workshops providing clarity to the Stage 4 specification process. We will assist you in the completion of your specification, ready for BSA sign-off.



CPD Doors & Walls as a System

Explore the requirements as a result of the latest Building Regulations, focusing on fire safety and compliance surrounding internal doors and supporting wall construction.



CPD Rethinking Timber Doorsets

Transforming the way we think about timber doorsets through modular system design, modern manufacturing and innovative installation.



Scan QR to book

Selo**Academy**.

Complimentary training for both **specifiers** and **installers**

TRAINING & CERTIFICATION

Selo Academy has been designed to create an immersive and engaging environment for specifiers and installers at all stages of their career.

Practical training is provided by our product technicians. We join you on-site to complete an real-world installation demonstration.



Scan QR to view more selo.global/installer-training

How the Training Day is structured:



Technical & Theory

Harry Purdom starts the day with a theory-based educational session covering the product features to assist with installation and the different applications to ensure compliance.





Practical Installation

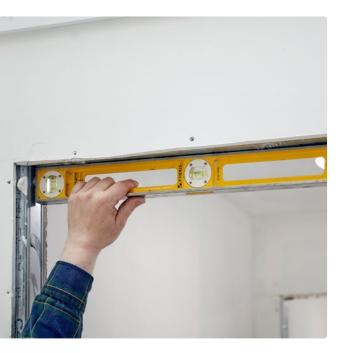
Installation training with a fitting demonstration from our site technician, then installing the doors under observation. Featuring technical tips and tricks to ensure a compliant and simple installation.

Lessons learned session. All featured from Modulo's vast experience with pocket doors on site – what to look out for and what to be aware of.

Common Mistakes

The Modulo System Overview

The adaptable doorset system to accommodate on-site variations



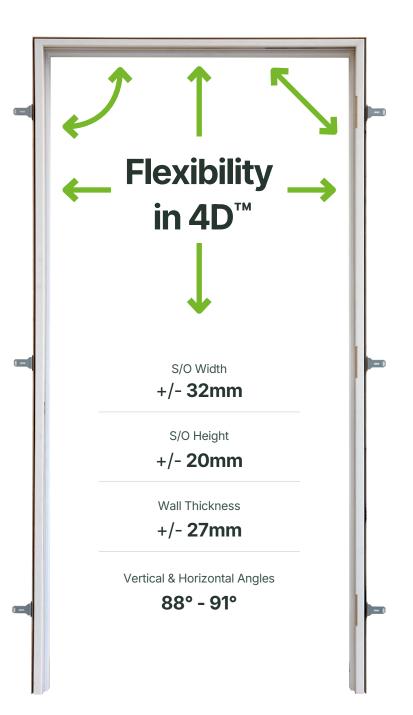
Historically, doors and linings were bespoke items modified on-site to suit the opening where they were fitted.

Things have moved on with the advances in manufacture driven by the cost, and shortage of skilled site labour.

The Modulo concept represents a quantum leap by making an 'off-the-shelf' solution with an intelligent installation system to allow for a minimum of 20mm of adjustment in each dimension ensuring perfectly fitting doors in structural openings that have not been accurately formed.



Scan QR to view more modulodoorsets.com/the-modulo-doorset



The Modulo System Applications

Simplifying **Project-based** and **Retrofit** applications

Project-based Applications

- ✓ RIBA stage 2-5 design support
- Multiple design configurations
- ✓ Project specific samples



Modulo Doorsets provide **tangible value** to both specifiers and installers:

Retrofit Applications

- ✓ Short lead times
- ✓ Quick-fit system
- Fire and smoke options





Simple to Specify

Modulo is simple to select and specify, reducing design time and planning costs. The diverse range of standard finishes can create unique, cost effective designs with short lead times.



Simple to **Procure**

Our unique pricing configurator makes door procurement simple offering competitively priced doorsets and strategic savings across your project.



Simple to Manufacture

Off-site manufacturing precision. Minimal lead times from order placement to delivery, providing the industry with world-class lead times.



Simple to Install

The modular adaptable system is precut, morticed and mitred, along with the option of the rapid-fit bracket system allows for simple and fast installation.

System Benefits

For Retrofit:

Short lead-times

Your timber doorset can arrive onsite up to 7-10 working days, (depending on quantity).

Quick-fit System

Modulo Doorsets arrive pre-hung, including ironmongery and rapid fit brackets. It can installed in half the time compared to a regular timber door.

✓ Adjustable Frame

The 15mm telescopic adjustable architrave means you can adjust the architrave position (up to 27mm) should the wall thickness change.

🗸 FD30

Our lead-times don't increase for fire-rated doorsets.

PAS 24

It will soon be a requirement for all new front doors to be PAS 24 rated. We can supply an adjustable, fast to install and fire rated flat entrance doorset with stocked options available.

For **Projects:**

Detailed Design Specification

Our in-depth knowledge of RIBA stage 2-5 can assist your specification ready for BSA sign-off.

Custom Samples

We can provide project specific samples and finish swatch panels so you can see your door type before it is installed.

✓ Adjustable Frame

The 15mm telescopic adjustable architrave means you can adjust the architrave position (up to 27mm) should the wall thickness change.

Design Options

Modulo Doorsets are available in a wide range of finishes as well ironmongery options to suit firerated and PAS 24 applications.



The Modulo System

Features & Benefits

System Components

1 Door Leaf

44mm Blockboard core (as standard), stronger and lighter than chipboard. ABS lippings to the top and sides; either complimenting or contrasting colours, with no need for on-site trimming or finishing.

2 Door Frame

30mm thick with pre-installed smoke/sound gasket. Four standard widths; 85mm, 100mm, 120mm, 140mm in a ready to paint finish.

3 Architrave

Pre-mitred with Hoffman clips for easy on-site assembly and simply pushed into frame groove to fit.

4 Vision Panel

7mm Pyrobelite fire-rated glass available in three layout configurations with either White or Oak beading.

Intumescent Strip & Seal

Providing the required Fire-rating.

6 Butt Hinges

Satin Stainless Steel ball bearing hinges.

7 CE Certified Door Leaf Furniture

Handles, Closers, Latches and Ancillaries available in satin Stainless Steel.







Frame Lining

The exceptional Modulo frame profile comes as standard in the blockboard construction which gives supreme stability and keeps straight making installation so much easier. The frame is a 30mm rebated style shown with pre-cut slots at the rear to take the architraves. Then the integral smoke/acoustic seal in the stop provides a cushioned stop to add to the quality and feeling of solidity.

Architrave Surround

The much-loved winged Modulo architrave is 70mm wide with a 16mm deep profile, pencil radius to the corners and a 20mm wing which is pre-mitred and grooved ready to take Hoffman joints, saving time and waste on site. There is also an option for an extra long wing of 35mm available on request, speak to the Selo team for alternative sizes or styles **020 0380 0339**.

The Modulo System

Pricing Tiers

Door Core	Frame	Architraves	Finishes	Assembly	Ironmongery	
1. ModuCore PB 44mm or 54mm	1. Rebated SeloBlock Hardwood or Softwood Laminated or RTP	1. Bespoke Rounded, Mitred or Profiled Laminated or RTP	 Veneered Bespoke Laminate Ready To Paint (RTP) Matt Paper Panelled / Grooved 	1. Pre-hung Frame Mitred, clipped Architrave	1. To Client Specification	Gold
 1. ModuCore PB 44mm 2. ModuCore BB 44mm 	1. Rebated SeloBlock Hardwood or Softwood RTP	1. Rounded or Profiled Edges Laminated or RTP	1. Laminate Light Oak Mid Oak Slate Grey Chalk White 2. Ready To Paint (RTP) Matt Paper	1. Pre-hung Frame Mitred, clipped Architrave	1. To Client Specification	Silver
 1. ModuCore TC 35mm, 40mm or 44mm 2. ModuCore HC 35mm, 40mm or 44mm 	1. Timber Liner & Loose MDF Stop 2. MDF Liner & Loose MDF Stop 3. Rebated MDF (All RTP)	1. Pin-on 2. Rounded or Profiled Edges (All RTP)	1. Ready To Paint (RTP)	1. Kit Form Frame Un-cut Architrave or Head & Lengths Architraves	1. Recessed Satin Stainless Steel 2. Options Recessed only, Ironmongery by others	Bronze











The Modulo System Gallery

18 Modulo Doorsets

2





Applications Modulo Doorsets

Flat Entrance Doorsets

Modulo Front Entrance Doorsets (FED's) come with the design options to suit your requirements including multiple door leaf finishes, 30 minute fire rating and PAS 24 security giving peace of mind on all fronts!

Assurance

Tested to the latest, more arduous BS EN 1634 Part 1 & 3 Fire & Smoke testing standards. Third-party Certified.



Raising Standards Safety Assured certifire



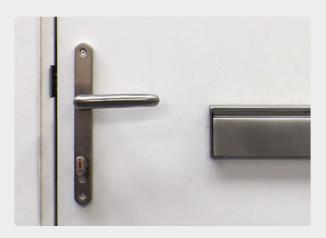
PAS 24 Security

PAS 24 is a security testing standard that ensures windows and doors can resist a level of attack from an opportunist burglar.



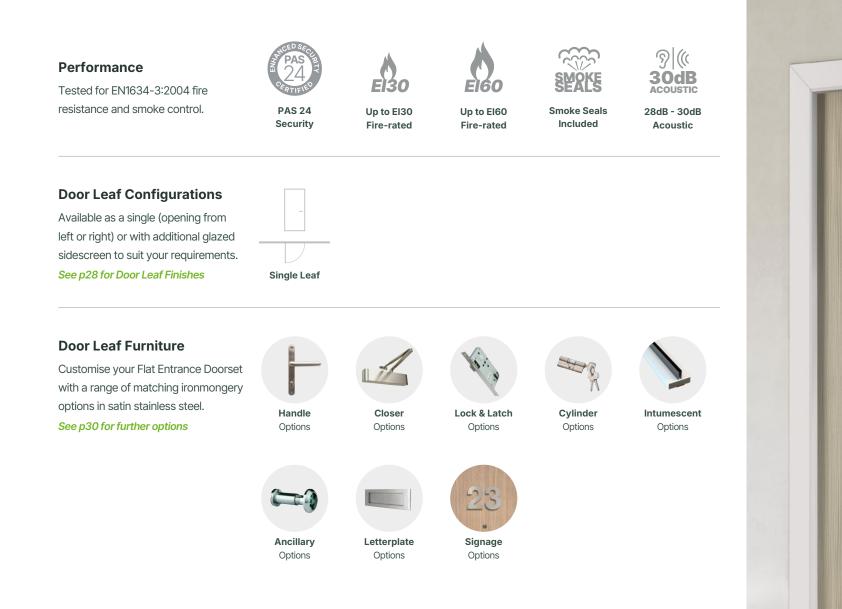
Fire-rated Safety

Tested to both BS 476:22 and BS EN 1634:1 fire testing standards.



Door Hardware Options

Provided with standard hardware including the Latch/ Lock, Closer, Spy-hole, Letter Plates, Signage and Handles. If further security is required, Modulo is also tested and certified to the PAS 24 security rating with the correct hardware.



Applications Modulo Doorsets

Internal Doorsets

Compliment your project with matching internal doorsets with configurable options to suit all your internal door applications, including Bedroom, Bathroom and Cupboard Doors. Modern, European style frame and architrave in a range of finishes gives the increased perception of value to the interior of the property.

Assurance

Tested to the latest, more arduous BS EN 1634 Part 1 & 3 Fire & Smoke testing standards. Third-party Certified.



Raising Standards Safety Assured

certifire



Bathroom Doors

Often non-Fire-rated, with options of pull handles and lock with thumb turn only, or a full bathroom lock set with lever handle and thumb turn with indicator.



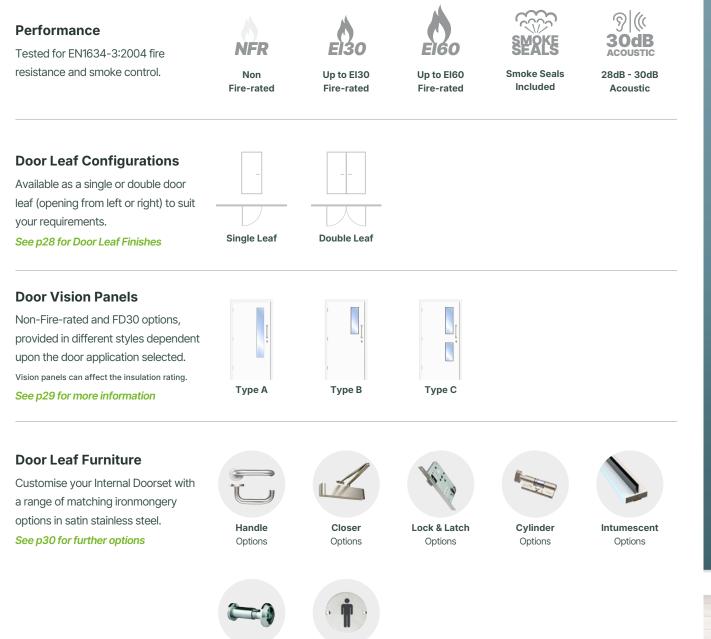
Bedroom Doors

Fire-rated and non-Fire-rated options typically with a latch and lever handle only.



Cupboard Doors

Fire-rated and non-Fire-rated options depending on what is inside the cupboard. Latching options can vary between roller catch, standard latch and lever and a deadlock. The passive leaf is typically locked in place using a flush bolt.





Signage Options



Applications Modulo Doorsets

Communal Doorsets

Typically unlatched but still required to be Fire-rated; Communal Doors are often in high traffic areas therefore options for acoustic reduction, as well as vision panels to facilitate clear access are required. Doorsets can be installed with closers alone, and still achieve the required acoustic and fire-rating requirements.

Assurance

Tested to the latest, more arduous BS EN 1634 Part 1 & 3 Fire & Smoke testing standards. Third-party Certified.



Raising Standards Safety Assured

certifire



Vision Panels

Allow natural light into the area beyond the door when closed, or when used in a common area, facilitate visibility through the door before opening. Designed to maintain the Fire and/or Acoustic protection required the other side of the door.



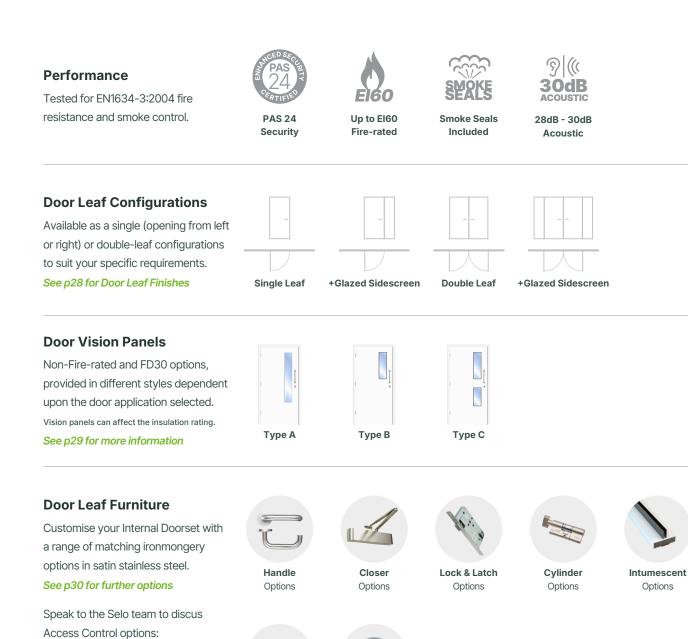
Double Doors

To facilitate greater access through higher traffic areas or where larger equipment needs to pass through.



Fire Doors

All finish options are still available in the Fire-rated configuration as specified.



Ancillary

Options

Signage

Options

020 0380 0339



Door Leaf **Sizes**

Standard factory undercut is 17mm unless otherwise specified. Minimum undercut is 3mm. *Structural opening height will vary accordingly. Jambs can be trimmed at time of installation as required.

Typical Imperial Door Sizes

Cupboard Doors	457mm x 1981mm	Wide Doors	838mm x 1981mm
Narrow Doors	533mm x 1981mm	Extra Wide Doors	914mm x 1981mm
Standard Doors	762mm x 1981mm	For Doc M Compliance	

Imperial Structural Opening Matrix

Speak to the Selo team if other sizes are required 020 0380 0339

Leaf Type	Door Leaf Size (mm)	Overall Frame Width	Minimum S/O Width	Optimum S/O Width	Maximum S/O Width	Overall Frame Height*	Minimum S/O Height*	Optimum S/O Height*	Maximum S/O Height*
	762(w) × 1981(h)	828mm	836mm	848mm	868mm				
Single	838(w) × 1981(h)	904mm	912mm	924mm	944mm	2031mm	2035mm	2043mm	2051mm
	914(w) × 1981(h)	980mm	988mm	1000mm	1020mm				
	762(w) + 762(w) × 1981(h)	1594mm	1602mm	1618mm	1634mm				
Equal Pair	838(w) + 838(w) × 1981(h)	1746mm	1754mm	1770mm	1786mm	2031mm	2035mm	2043mm	2051mm
	914(w) + 914(w) × 1981mh)	1898mm	1906mm	1922mm	1938mm				
Unequal Pair	762(w) + 457(w) × 1981(h)	1289mm	1297mm	1313mm	1329mm				
	838(w) + 457(w) × 1981(h)	1365mm	1373mm	1389mm	1405mm	2031mm	2035mm	2043mm	2051mm
	914(w) + 457(w) × 1981(h)	1441mm	1449mm	1465mm	1481mm				

Modulo Doorsets | Technical Details

Technical Details

Modulo Doorsets

Metric Structural Opening Matrix

Typical Metric Door Sizes

Cupboard Doors	326mm x 2040mm	Wide Doors	826mm x 2040mm
Narrow Doors	526mm x 2040mm	Extra Wide Doors	926mm x 2040mm
Standard Doors	726mm x 2040mm	For Doc M Compliance	

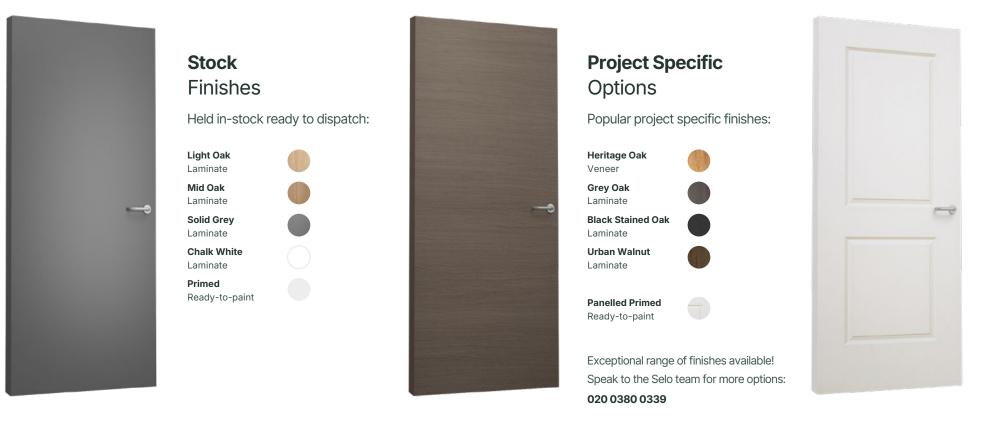
Leaf Type	Door Leaf Size (mm)	Overall Frame Width	Minimum S/O Width	Optimum S/O Width	Maximum S/O Width	Overall Frame Height*	Minimum S/O Height*	Optimum S/O Height*	Maximum S/O Height*
0	626(w) x 2040(h)	692mm	700mm	710mm	732mm				
	726(w) x 2040(h)	792mm	800mm	810mm	832mm	2090mm	2083mm	2100mm	2105mm
Single	826(w) x 2040(h)	892mm	900mm	910mm	932mm	209011111	200311111	210011111	210311111
	926(w) x 2040(h)	992mm	1000mm	1010mm	1032mm				
	526(w) + 526(w) x 2040(h)	1122mm	1130mm	1140mm	1162mm				
Equal Pair	626(w) + 626(w) x 2040(h)	1322mm	1330mm	1340mm	1362mm				
	726(w) + 726(w) x 2040(h)	1522mm	1530mm	1540mm	1562mm	2090mm	2083mm	2100mm	2051mm
	826(w) + 826(w) x 2040(h)	1722mm	1730mm	1740mm	1762mm				
	926(w) + 926(w) x 2040(h)	1922mm	1930mm	1940mm	1962mm				
	426(w) + 726(w) x 2040(h)	1122mm	1130mm	1140mm	1162mm				
	526(w) + 726(w) x 2040(h)	1222mm	1230mm	1240mm	1262mm				
Unequal Pair	426(w) + 826(w) x 2040(h)	1322mm	1330mm	1340mm	1362mm	2090mm	2083mm	2100mm	2051mm
	426(w) + 926(w) x 2040(h)	1422mm	1430mm	1440mm	1462mm				
	526(w) + 926(w) × 2040(h)	1522mm	1530mm	1540mm	1562mm				

Technical Details Modulo Doorsets

Door Leaf Finishes

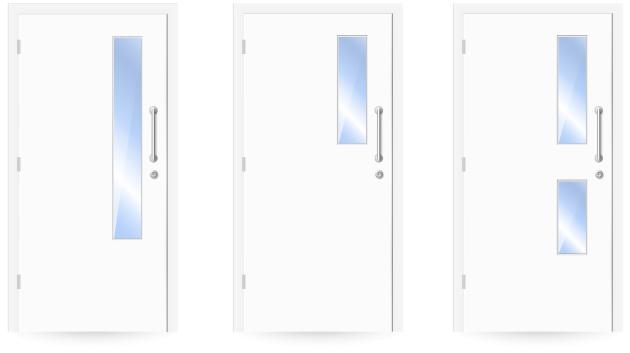
Durable & Consistent Finishes using our Stock Laminates

Faced with continuous pressure laminate (CPL), then lipped with ABS lippings to the top and sides; either complimenting or contrasting colours, with no need for on-site trimming or finishing. This ensures a tough, easy-to-clean surface that lasts. For larger quantities for specific projects, we also offer a larger range of finishes, including authentic looking CPL, as well as veneered and panelled options to suit the project requirements.



Door Leaf Vision Panels

The Vision Panel Beading can be provided 'Flush', or with a 'Hockey-stick' profile. Beading is available in two finishes; Lacquered Oak (used on all finished laminate door leaves) and White Primed (used in RTP door leaves).



7mm Pyrobelite Glass Infill Panel Options

Non-Fire-rated and FD30 options available in three different layout configurations:

Type A Part M Compliant 200mm(w) x 1500mm(h)

Type B 200mm(w) x 775mm(h)

Type C 200mm(w) x 775mm(h) 200mm(w) x 525mm(h)

Vision panels can affect the insulation rating of the door.



Technical Details Modulo Doorsets

Door Leaf Furniture

Project specific and customer supplied ironmongery are also available (providing it is Certifire approved). Satin Stainless Steel is the standard Modulo hardware finish, this suits the requirements for majority of projects. If other finishes are required please speak to the Selo team **020 0380 0339**

Stock Handles

Satin stainless steel lever and pull handles are pre-drilled ready to fit. Handles are delivered separately to avoid damage in transit.







Lever

Return To Door



Straight

Lever



Straight Mitred

Lever



Straight T-Bar Lever

D-Shaped Pull-handle

Sashlock

Arched

Lever



Guardsman Pull-handle

Mitred Pull-handle



Pull-handle

Cover Caps





Indicator Turns

Stock Locks & Latches

DIN Standard Mortice locks and latches to suit any application.



Mortice Deadlock



Mortice Bathroom Lock



Mortice

Latch

Mortice Nightlatch



PAS 24

Multipoint Lock

Escutcheon



Heavy Duty Roller Catch



Stock Cylinders

Matching satin stainless steel. Also available with master keys.



D-Shaped Guardsman Cylinder Cylinder



Mitred Cylinder



Overhead closers rated to suit specific applications.

Stock Ancillary

Matching satin stainless steel.



EN1-3 Door Closer

Door

Viewer

EN2-4 Door Closer



EN2-5 Door Closer



Euro Profile Pull



Floor Door Stop



Pillar Floor Door Stop

Speak to the Selo team to discus alternative ironmongery options: 020 0380 0339



Wall Mount

Door Stop





Dust Excluding

Socket



Socket

To Wood

Toilet Signage

Fire door keep locked

Statutory Signage



Door Numbers

Case Study Modulo Doorsets

FD90 fire-rated internal doorsets for new Mage headquaters

Why did you engage Modulo?

Overall, it was the cost of the product that initially attracted us to Modulo. But when we actually got into the nitty gritty of it, the engagement the sales team had, and the level of knowledge made it really easy to run through what we needed.

We have a client here that wants the highest-spec timber doors, so having the knowledge from Modulo's side in the meetings, as well as the quotes, made it a no-brainer. So, this is why we used Modulo.

What went well with the project?

The level of specification we had to reach for our client was met, and the level of communication was second to none. We didn't have to wait around and didn't have to chase anyone, Modulo was on it from the get-go. That makes our job a lot easier, as it gives our client and me, being the main contractor, confidence.

That level of communication is key to what we do. If you don't have that level of communication, things like the access control can potentially slip through the net.

Anything else you would like to add?

Everything is just incredible. Another thing is, Modulo hadn't done many FD90 doors but they turned out fantastic and as heavy as they are with the door closer on them, they open really easily.

The bespoke options turned out incredible!

Michael Hempsey Project Manager MCS Group





Scan QR to view the full Case Study modulodoorsets.com/projects/wago

"Modulo makes my job and the job of the installer much easier!"

Project details

Client Wago UK Headquarters

Location

Rugby

Sector Commercial

Contractor MCS Group

Main feature FD90 fire-rated Doorsets



Project assistance **at every stage**

a S S i S t call 020 3880 0339 email support@modulodoorsets.com



STAGE #1

Concept

Our engagement at the initial concept stage helps to ensure that design aspirations can be achieved and compliance requirements fulfilled.



STAGE #2 Specification

Providing in-depth support in clarifying the project specification, securing all necessary compliance certification and if required, conducting site visits.



STAGE #3 Execution

As soon as a confirmed order is placed we assign a dedicated Project Manager. We will come to site and go through the schedule, provide an install demo, and conduct a compliance review.



Scan QR to find out more selo.global/project-assistance





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Modulo reserves the right to alter specification and designs without prior notice.





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Contact Support

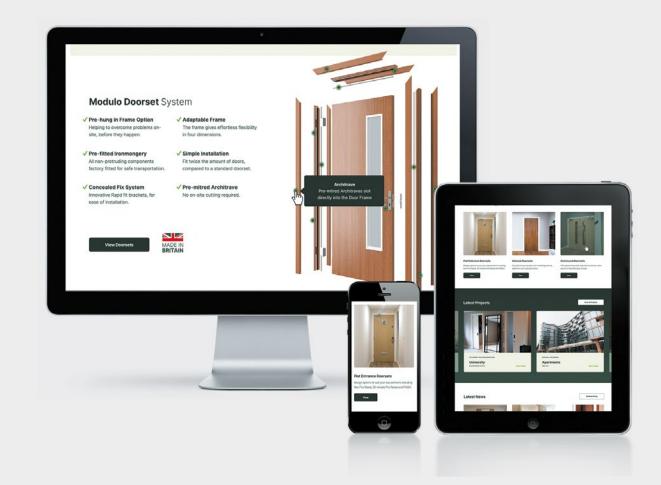
Our **support** goes above and beyond, **like no other**.

call 020 3880 0339

email info@modulodoorsets.com



Visit our website modulodoorsets.com



Modulo Doorsets.

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