JELD-WEN

DOORSET TECHNICAL SPECIFICATION GUIDE



www.jeld-wen.co.uk


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INTRODUCTION

JELD-WEN IS ONE OF THE UK'S LARGEST MANUFACTURERS OF TIMBER DOORS, DOORKITS AND DOORSETS.

With more than 60 years of industry experience, we supply large-scale new-build and renovation projects across both the public and private sectors. Our expertise lies in delivering complex, specification-led doorsets at volume, tailored to the exact requirements of each development.

We combine deep product knowledge with proven manufacturing capability to provide high-quality, compliant doorset solutions for every project – from residential and commercial buildings to healthcare, education and hospitality environments.

This Technical Specification Guide outlines the performance, compliance, installation and selection criteria for our internal and flat entrance doorsets. It is designed to support architects, contractors and specifiers in choosing the right doorset for optimal safety, durability and function. The guide covers key elements such as fire and smoke performance, acoustic control, security standards, hardware options and aesthetic finishes.

WHAT YOU CAN EXPECT FROM EVERY INTERNAL DOORSET

- A range of non-fire rated and fire rated doorsets with a wide choice of design options to suit your project.
- Independently third-party tested and certified for fire and smoke performance, meeting UK building regulations.
- Fire Door Data pins/labels – cloud based fire door data storage system improving the golden thread of information.
- Installation information delivered with each doorset and video tutorials available on our website.
- A range of guarantees from 1 year up to 10 years.
- UK manufactured by our skilled teams.
- Manufactured with 100% sustainably sourced timber, with FSC® or PEFC™ certification.

WHAT YOU CAN EXPECT FROM EVERY FLAT ENTRANCE DOORSET

- A wide range of design options to suit the requirements of your project.
- Independently third-party tested and certified for fire, smoke and security performance, meeting UK building regulations.
- PAS24 Compliant/ Secured By Design Accreditation.
- Fire Door Data pins/labels – cloud based fire door data storage system improving the golden thread of information.
- Installation information delivered with each doorset and video tutorials available on our website.
- A range of guarantees from 1 year up to 10 years.
- UK manufactured by our skilled teams.
- Manufactured with 100% sustainably sourced timber, with FSC® or PEFC™ certification.

DOORSET COMPONENTS

Images are for illustration purposes only and to help identify different components of an Internal and Flat Entrance Doorset. Please refer to the product ranges for specification guidance.



1 Frame	6 Door closer	11 Intumescent seal
2 Security chain	7 Hinges	12 Drop down seal
3 Multipoint lock	8 Viewer	13 Aluminium threshold plate
4 Handle	9 Door slab	14 Data Pin (located in hinge stile)
5 Architrave	10 Letter plate	

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INTERNAL DOORSETS AT A GLANCE

We offer a wide choice of internal doorsets, engineered to meet the rigorous demands of large-scale construction projects. Each doorset combines robust durability with refined aesthetics, ensuring lasting performance and design integrity for your projects. Designed for versatility, our range provides functional solutions that seamlessly integrate into diverse environments, including high-rise apartment blocks, student accommodation and office buildings.

READYFIT ESSENTIAL

The perfect blend of safety, style and versatility.

Trusted choice for non fire rated and fire performance doorsets.

- **Extensive finish options:** Select from a range of moulded door designs, veneer finishes, or standard laminate options – plus over 100 bespoke choices to suit your style.
- **Time-saving pre-painted designs:** Streamline on-site work and reduce installation time.
- **Versatile applications:** Suitable for internal and communal areas – perfect for residential homes, student accommodation and commercial spaces.

READYFIT ADVANCE

Expanding the possibilities for internal doorsets.

The ultimate high-performance solution, combining advanced design, premium finishes, and unmatched versatility:

- **Larger door sizes:** Provide greater flexibility for unique and complex project requirements.
- **Premium look and feel:** Luxurious finishes with 4-sided hardwood lipping for a superior, high-end appearance.
- **Enhanced hardware choices:** Choose from an expanded range of high quality hardware options to perfectly match your design vision.

COMPARISON TABLE

	READYFIT ESSENTIAL	**READYFIT** ADVANCE
Application	Internal & Communal	Internal & Communal
Market sector	Education, Residential, Student Accommodation, Healthcare & Offices	Education, Residential, Student Accommodation, Healthcare & Offices
Door construction	Hollowcore, Middleweight, Heavyweight, FD30, FD60	Heavyweight, FD30, FD60
Edge finishes	Edge banded - 2 edges lipped hardwood	4 edges lipped hardwood
Sizing available	Standard & Made to Measure	Made to Measure
Fire rating	NFR, FD30 & FD60	NFR, FD30 & FD60
Certification number	FD30 - CF160, CF5143 FD60 - CF179, CF331	Q Mark Certification 3443
Smoke	Based on third-party test evidence and certificate	Based on third-party test evidence and certificate
Acoustic*	No performance declared	44mm Doors - Up to 35dB 54mm Doors - Up to 36dB
Fire door data pin/label	Pin	Label
Door design	Moulded, Veneer, High Performance Laminate, Paint Grade Premium	Veneer, High Performance Laminate, Kraft paper
Glazing inserts	Yes	Yes
Door thickness	NFR 35mm & 40mm / Heavyweight 35mm & 44mm FD30 44mm / FD60 54mm	NFR 44mm & 54mm / FD30 44mm & 54mm FD60 54mm
Glazing beading	Bolection	Bolection
Glass type	Clear, Obscure	Clear, Obscure
Environmental certification	FSC	PEFC
Maximum door leaf size	2040mm height & 926mm width	2400mm height & 1000mm width
Door configuration	LSASD = Latched Single Action Single Doorset ULSASD = Unlatched Single Action Single Doorset LSADD = Latched Single Action Double Doorset ULSADD = Unlatched Single Action Double Doorset	
Latched/unlatched	Latched (L) / Unlatched (UL)	Latched (L) / Unlatched (UL)

*Acoustic performance is dependent on specific product configuration



READYFIT ESSENTIAL

INTERNAL DOORSETS

Discover the perfect blend of safety, style, and versatility with the ReadyFIT Essential internal doorset range. Choose from standard non-fire-rated doors or enhanced safety with our independently third-party tested and certified FD30 and FD60 fire doorsets. We provide peace of mind without compromising on design.

The ReadyFIT Essential range offers an incredible array of aesthetic choices to bring your vision to life. Whether for residential homes, student accommodation, or commercial spaces, you can select from; a range of moulded panel designs, rich and elegant real wood veneers or standard laminate options for a clean and durable finish – with an extended collection of over 100 laminate options available.

RANGE SUMMARY TABLE

		NON FIRE RATED						FD30			FD60	
Door thickness		35mm	40mm		44mm			44mm			54mm	
Certificate/Construction		HC	HC,	MW	HC	MW	HW	CF160	CF5143		CF179	CF331
Door design	Moulded	✘	✘	✔	✘	✔	✔	✔	✘		✔	✘
	Flush	✔ PGPR only	✔	✘	✔	✘	✔	✔	✔		✘	✔
Configuration		LSASD / ULSASD / LSADD / ULSADD										
Maximum door leaf size	Single	2040mm height & 926mm width										
	Double	Special rules apply, speak to account manager										
Fire rating	FD30	✘						✔			✘	
	FD60	✘						✘			✔	
Smoke		✘						✔ BS476-31			✔ BS476-31	
Acoustic		No performance declared						No performance declared			✘	
Available frames		MDF Softwood	MDF Softwood		MDF Softwood			MDF Softwood	MDF Softwood	MDF Softwood	Hardwood MDF	Hardwood MDF
Frame finish		White primed / Factory finished						White primed / Factory finished			White primed / Factory finished	
Integrity & insulation		Not applicable						Up to 30 mins			Up to 60 mins	
Environmental certification		FSC						FSC			FSC	
Glazing insert available		✔						✔			✔	
Glazing bead type	Bolection	✔						✔			✔	

TABLE KEY

LSASD	Latched Single Action Single Doorset
ULSASD	Unlatched Single Action Single Doorset
LSADD	Latched Single Action Double Doorset
ULSADD	Unlatched Single Action Double Doorset
HC	Hollowcore
MW	Middleweight
HW	Heavyweight

For detailed information on specification guidance for each certification, view the certificate.

SPECIFICATIONS
NON FIRE RATED, FD30 44mm & FD60 54mm

CORE CONSTRUCTION


Hollowcore


Middleweight

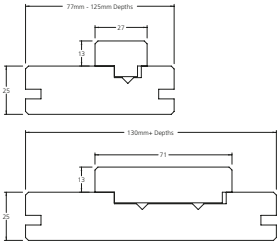

Heavyweight


FD30 44mm

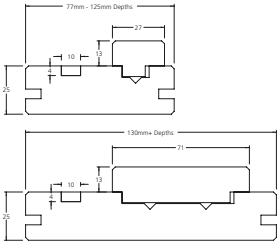

NFR/FD30 44mm


FD60 54mm

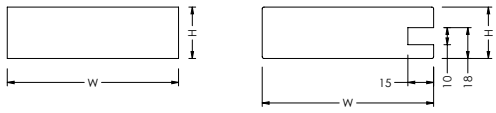
FRAME AND LINING PROFILE DIAGRAMS



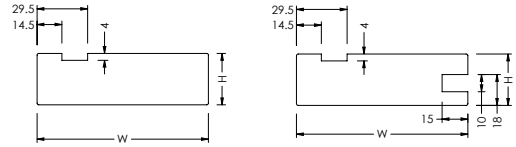
NFR MDF Doorset Lining



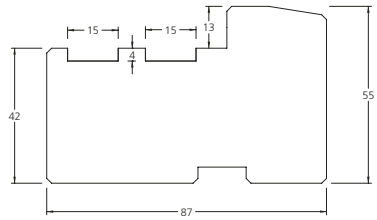
FD30 MDF Doorset Lining



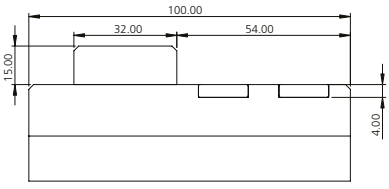
NFR MDF/Softwood Doorset Lining*



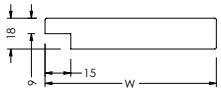
FD30 MDF/Softwood Doorset Lining*



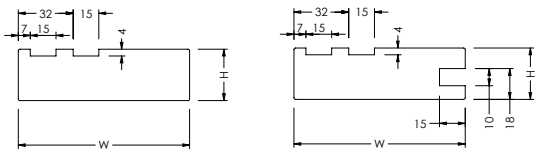
FD60 Hardwood Doorset Lining



FD60 PAIR MDF/Hardwood Doorset Lining*



Extension liner



FD60 MDF/Hardwood Doorset Lining*

*Height varies dependant on frame material:
MDF = 30mm, Softwood/Hardwood = 32mm

DOOR FINISH

MOULDED


Bostonian (W)


Oakfield (W)


Arlington (S)


Atherton (S)


Cambridge (S)


Camden (W)


Linea (S)


Newark (W)


Ladder (S)

(S) Smooth
(W) Woodgrain

PAINT GRADE

Paint Grade Premium



EDGE BANDING

All moulded and paint grade premium doors are supplied with white edge banding along the 2 long sides of the door.

We offer a range of **fully finished** painted doorsets to save time and money once on site on all moulded and flush doors. Alternatively, we also can provide doorsets **primed** ready for painting if required.

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

DOOR FINISH

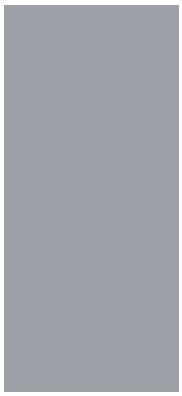
HIGH PRESSURE LAMINATES

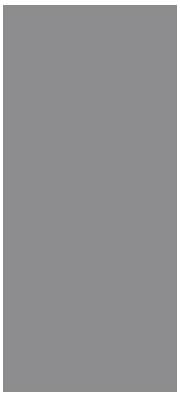
SOLID COLOUR

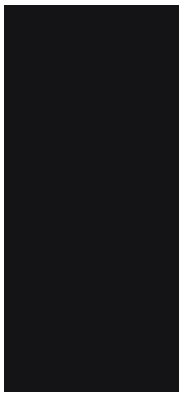
Blanc Artic
(RAL 9003)

Orgeat
(RAL 9010)

Blanc Megeve
(RAL 9016)


Gris Perle
(RAL 7040)


Gris Cendre
(RAL 7004)


Noir
(RAL 9005)

WOODGRAIN


Banian Noirci
(Black WG)


Chene De Massifs
(Oak WG)


Chene De Meymac
(Oak WG)

Over 100 more laminate finishes available upon request.* Talk to your account manager today for more information.
*MOQ required

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

DOOR FINISH

REAL WOOD VENEERS

- Crown & Quarter Cut
- Max slab 926mm wide x 2100mm high

AMERICAN BLACK WALNUT


Crown Cut


Quarter Cut

AMERICAN WHITE ASH


Crown Cut


Quarter Cut

AMERICAN WHITE OAK


Crown Cut


Quarter Cut

SAPELE


Crown Cut


Quarter Cut

STEAMED BEECH


Crown Cut


Quarter Cut

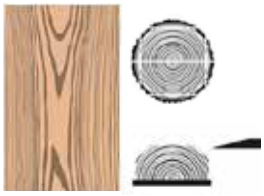
MAPLE

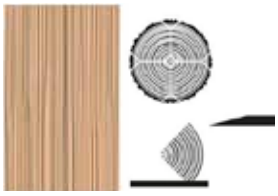

Crown Cut


Quarter Cut

Crown & Quarter Cut

For illustration purposes only – natural veneer shown as accurately as possible within print limitations.


Crown Cut


Quarter Cut

LIPPING OPTIONS

All Veneer or High Pressure Laminate options are available with the following choice of lippings.


Ash


Beech


Maple


Oak


Sapele

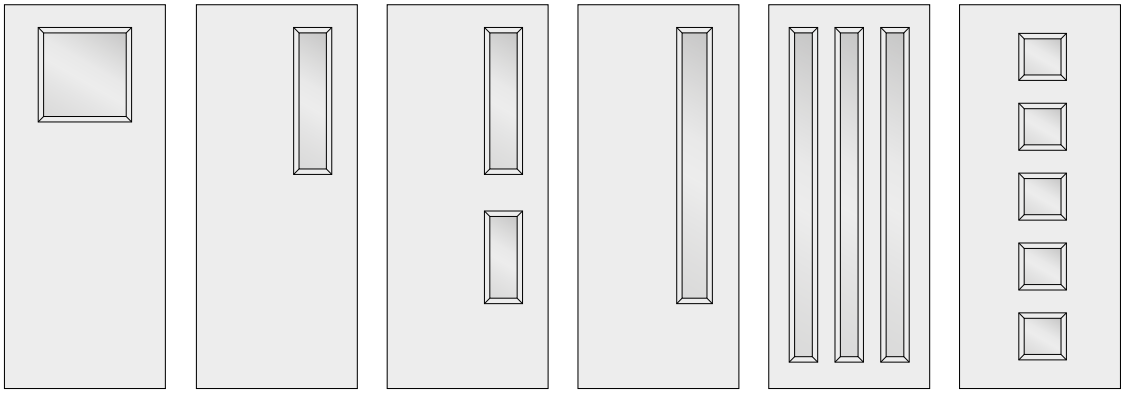

Walnut

Note: *Applicable to CF5143 & CF331 only.*

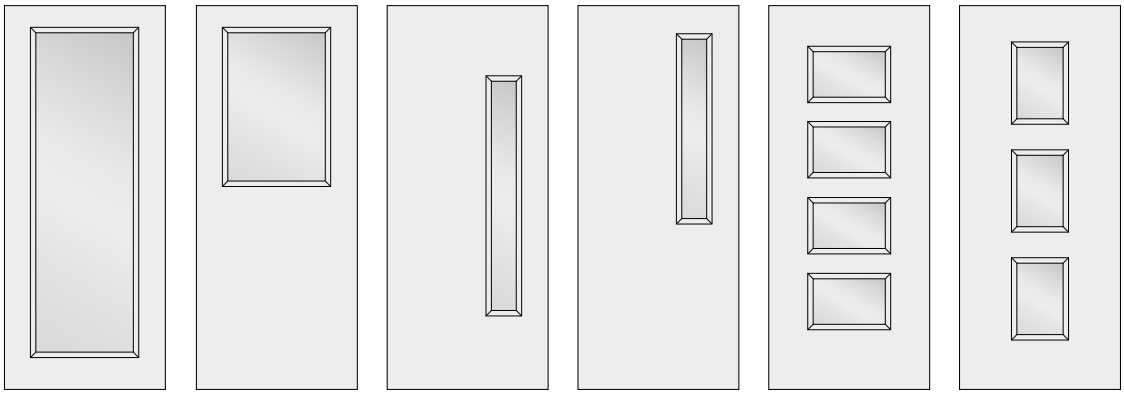
Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

GLAZING

FLUSH DOORSET GLAZING OPTIONS

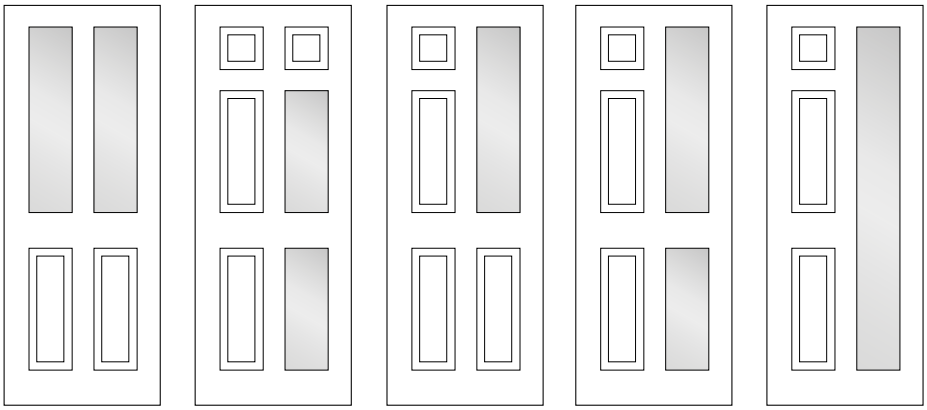


G01 G04 G05 G06 G07 G08



G09 G10 G11 G12 G13 G14

MOULDED DOORSET GLAZING OPTIONS



2T

1 Side Mid/Lower
(Lock Side)

1T
(Lock Side)

1 Side Full
(Lock Side)

1T Full Height
(Lock Side)

GLAZING OPTIONS

Available with the following glazing types.



Clear

Obscure

GLAZING

INTERNAL & COMMUNAL DOORSET GLAZING SPECIFICATIONS

Aperture	App Doc K	App Doc M	Actual visible glass area (mm) WxH	Top margin (mm)	Side margin (mm)	Distance between beads (mm)
	Clear Glass					
G01	⊘	⊘	427x427	140.5	Central	–
G04	⊘	⊘	120x730	140.5	140.5	–
G05	✔	✔	120x730 & 120x450	140.5	140.5	206
G06	✔	✔	120x1380	140.5	140.5	–
G07	✔	✔	60x1670	140.5	Central	81
G08	⊘	⊘	195x195	140.5	Central	101
G09	✔	✔	427x1670	140.5	Central	–
G10	⊘	⊘	480x885	140.5	Central	–
G11	✔	✔	120x1120	400.5	140.5	–
G12	⊘	⊘	120x885	140.5	140.5	–
G13	✔	⊘	378x240	195.5	Central	111
G14	⊘	⊘	240x378	190.5	Central	131

TABLE KEY

⊘: No entry and does not comply with App Doc K & App Doc M

Requirement K5.1 of Approved Doc K does not apply to dwellings.

HARDWARE

HARDWARE FINISHES

Images are for illustration purposes to depict the best colour reference print allows.


Polished Brass


Polished Chrome


Black


Satin Brass


Satin Chrome

INTERNAL DOORSETS ONLY

HINGES



Grade 10 Hinges *(Bright nickel, satin, matt black or matt brass)*

HANDLES AND CYLINDERS



Nera Lever Handle
(Satin Stainless Steel)



Carlton Lever Handle
(Satin Stainless Steel)



Plaza Lever Handle
(Satin Stainless Steel)



Spira Lever Handle
(Satin Stainless Steel)



Treviri Lever Handle
(Satin Stainless Steel)



Curved Lever Handle
(Satin Stainless Steel)



Philadelphia Lever Handle
(Satin Stainless Steel)



Toledo Lever Handle
(Satin Chrome/Polished Chrome/Matt Black)



Leon Lever Handle
(Satin Chrome/Polished Chrome/Matt Black)



Bilbao Lever Handle
(Satin Chrome/Polished Chrome/Matt Black)



Turn & Release – with/ without indicator pack
(Satin Chrome)



Disability Turn & Release – with/without indicator pack
(Satin Chrome)

LOCKS AND LATCHES



Tubular latch



Bath latch

OTHERS



Data Pin

HARDWARE

COMMUNAL DOORSETS

CLOSERS



Scissor Arm Door Closer TS.3204
(Silver/Satin Nickel/Polished Nickel/ Polished Brass/Satin Brass)



Scissor Arm Door Closer TS.9205
(Silver/Satin Nickel/Polished Nickel/ Polished Brass/Satin Brass/Black)



Slide Arm Surface Mounted Door Closer TS.11204
(Silver/Satin Nickel/Polished Nickel/ Polished Brass/Satin Brass/Black)

HINGES



Grade 13 Hinges *(Polished/Satin)*

HANDLES AND CYLINDERS



Euro Cylinder
Finger Pull
(Satin Stainless Steel)



300mm Bar Pull
Handle
(Satin Stainless Steel)



Key/Key
Euro Cylinder
(Satin Stainless Steel)



Key/Thumb
Euro Cylinder
(Satin Stainless Steel)



Key Half
Euro Cylinder
(Satin Stainless Steel)



Euro Cylinder
Escutcheon

LOCKS AND LATCHES



DIN Latch -
55mm backset



DIN Euro SASH Lock -
55mm backset



DIN Euro DEAD Lock -
60mm backset



Firebrigade Lock FB2



Digit Code lock CL155

OTHERS



Finger Push Plate
350mm high x
75mm wide



Kick Plate
150mm deep x width to
match door slab



Lever Action
FD30 Flush Bolt



Data Pin

OTHER

ARCHITRAVE



Ogee
(50 & 69mm)



Torus
(59mm)



Twice rounded
(47 & 69mm)



Ovolo
(69mm)



Ogee
Flat Back
(50 & 69mm)



Ovolo
Flat Back
(69mm)



Torus
Flat Back
(50mm & 59mm)



Twice Rounded
Flat back
(47mm)

INTUMESCENT STRIPS



Intumescent strip



With single fin



With double fins

NOTE: Available in black, light & dark brown, white and grey.

DROP DOWN SEAL



Lorient LAS8001si *(Polished Chrome)*
Available from 335mm to 1035 mm
in gaps of 100mm

SIGNAGE



Fire door Signage



Baby Change
Signage



Shower Signage



Numbering and
Lettering Signage

DOORSET AND OPENING SIZES

DOORSET AND STRUCTURAL OPENING SIZING

Based on 926mm door leaf width

Doorset Specification		Frame Size (mm)		Structural Opening Size (mm)	
		Height	Width	Height	Width
FD30	32mm Softwood lining 4mm under cut	2079	996	2084	1006
	25mm MDF lining 4mm under cut	2072	982	2077	992
	25mm MDF lining 4mm under cut 15mm hardwood sill	2087	982	2092	992
	25mm MDF lining 13mm under cut drop down threshold and 10mm threshold strip	2081	982	2086	992
FD60	30mm MDF lining 13mm under cut drop down threshold and 10mm threshold strip	2086	992	2091	1002
	30mm MDF lining 4mm under cut 15mm hardwood sill	2092	992	2097	1002
	30mm MDF lining 4mm under cut	2077	992	2082	1002

CLEAR OPENING SIZING

Based on 838mm door leaf width*
Based on 926mm door leaf width #

Single Door Width (mm)	Double Door Width (mm)		Door Thickness (mm)	Stop Height (mm)	Estimated G13 Hinge Projection (mm)	Operational Gap (mm)	Clear Opening Width		
	Active Door	Passive Door					Single Door (mm)	Double Door (mm)	
								Active Leaf	Active & Passive
838*	838	838	35	13	9	3	787	800	1597
926#	926	926	40	13	9	3	870	883	1763
926#	926	926	44	13	9	3	866	879	1755
926#	926	926	54	13	9	3	856	869	1735

Note: *You can get the clear opening for other door sizes using the formula below:*

Single Door: Door Width − Door Thickness − Stop Height − 9mm *(Hinge Protection)* + 6mm *(Operational Gap x 2)* = Clear Opening Size

Double Door: 1 Active Leaf Active Door Width − Door Thickness − 9mm *(Hinge Protection)* + 6mm *(Operational Gap x 2)* = Clear Opening Size

Double Door: Active & Passive Active Door Width + Passive Door Width − Door Thickness x 2 − 18mm *(Hinge Protection x 2)* + 9mm *(Operational Gap x 3)* = Clear Opening Size


Fire door
keep shut

READYFIT ADVANCE

INTERNAL DOORSETS

ReadyFIT Advance is redefining what's possible in internal doorsets. This range is engineered to offer greater flexibility, with the ability to manufacture doorsets in larger sizes to meet the demands of modern spaces. Enhanced aesthetic details like premium hardwood lipping options enabling you to achieve a refined, custom look as standard.

Each durable construction and tailored finish help you create bold, beautiful interiors without compromise. Choose ReadyFIT Advance to unlock design freedom, superior aesthetics, and streamlined installations bringing your vision to life, on your schedule.

RANGE SUMMARY TABLE

		NON FIRE RATED	FD30	FD30	FD60
Door thickness		44mm / 54mm	44mm	54mm	54mm
Certificate/Construction		Solid core	Q Mark Certificate - 3443	Q Mark Certificate - 3443	Q Mark Certificate - 3443
Door design	Flush	✔	✔	✔	✔
Configuration		LSASD / ULSASD / LSADD / ULSADD			
Maximum door leaf size	Single	2400mm height & 1000mm width			
	Double	Special rules apply, speak to account manager			
Fire rating	FD30	✘	✔	✔	✘
	FD60	✘	✘	✘	✔
Smoke		✘	✔ S(EN1634-3)	✔ S(EN1634-3)	✔ S(EN1634-3)
Acoustic		Up to 35dB	Up to 35dB	Up to 35dB	Up to 35dB
Available frames		Softwood, Hardwood, MDF	Softwood, Hardwood, MDF	Softwood, Hardwood, MDF	Hardwood, MDF
Frame finish		Unfinished / White primed	Unfinished / White primed	Unfinished / White primed	Unfinished / White primed
Integrity & insulation		Not applicable	Up to 30 mins	Up to 30 mins	Up to 60 mins
Environmental certification		PEFC	PEFC	PEFC	PEFC
Glazing insert available		✔	✔	✔	✔
Clear lacquer beading		✔	✔	✔	✔
Glazing bead type	Bolection	✔	✔	✔	✔

TABLE KEY

LSASD	Latched Single Action Single Doorset
ULSASD	Unlatched Single Action Single Doorset
LSADD	Latched Single Action Double Doorset
ULSADD	Unlatched Single Action Double Doorset

For detailed information on specification guidance for each certification, view the certificate.

SPECIFICATIONS
NON FIRE RATED, FD30 44mm/54mm & FD60 54mm

CORE CONSTRUCTION

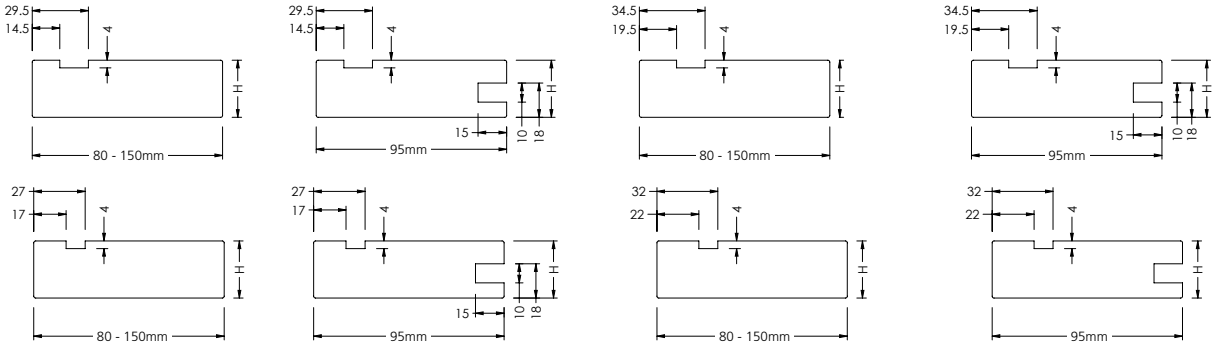


NFR/FD30
44mm

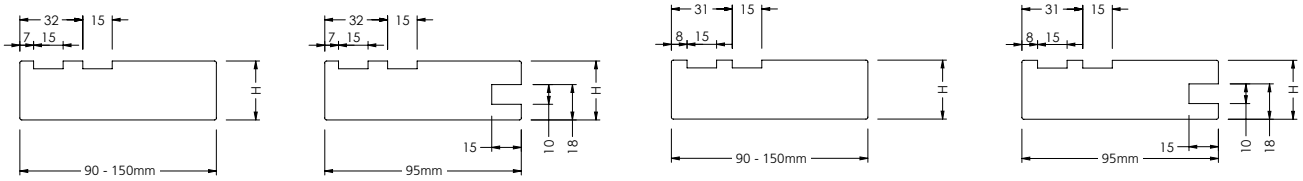


NFR/FD30/FD60
54mm

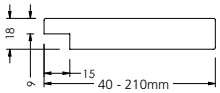
FRAME AND LINING PROFILE DIAGRAM



FD30



FD60



Extension liner

Note: *Dimension H various as shown below*
MDF Height = 30mm, Softwood Height = 32mm, Hardwood Height = 32mm

DOOR FINISH

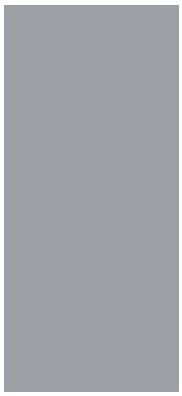
HIGH PRESSURE LAMINATES

SOLID COLOUR

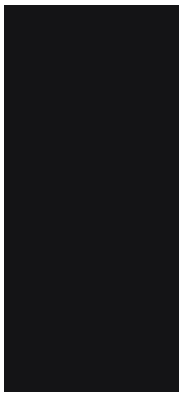
Blanc Artic
(RAL 9003)

Orgeat
(RAL 9010)

Blanc Megeve
(RAL 9016)


Gris Perle
(RAL 7040)


Gris Cendre
(RAL 7004)


Noir
(RAL 9005)

WOODGRAIN


Banian Noirci
(Black WG)


Chene De Massifs
(Oak WG)


Chene De Meymac
(Oak WG)

Over 100 more laminate finishes available upon request.* Talk to your account manager today for more information.
*MOQ required

KRAFT PAPER

Kraft Paper

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

DOOR FINISH

REAL WOOD VENEERS

- Crown & Quarter Cut
- 926mm wide x 2100mm high

AMERICAN BLACK WALNUT


Crown Cut


Quarter Cut

AMERICAN WHITE ASH


Crown Cut


Quarter Cut

AMERICAN WHITE OAK


Crown Cut


Quarter Cut

SAPELE


Crown Cut


Quarter Cut

STEAMED BEECH


Crown Cut


Quarter Cut

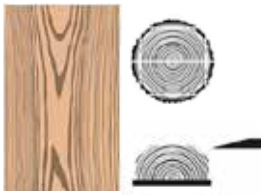
MAPLE

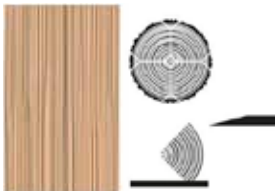

Crown Cut


Quarter Cut

Crown & Quarter Cut

For illustration purposes only – natural veneer shown as accurately as possible within print limitations.


Crown Cut


Quarter Cut

LIPPING OPTIONS

All Veneer or High Pressure Laminate options are available with the following choice of lippings.


Ash


Beech
Not applicable to FD60


Maple


Oak


Sapele

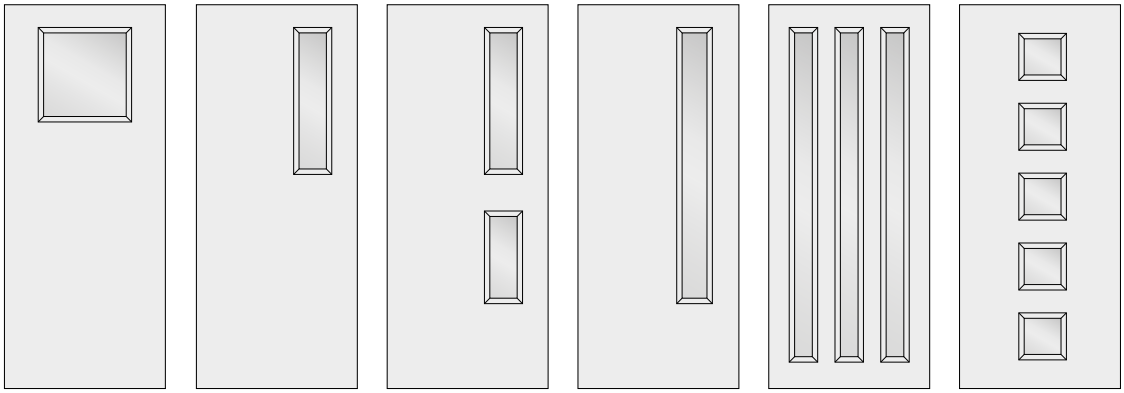

Walnut

Note: *Standard offer is concealed 4 side lipped.*

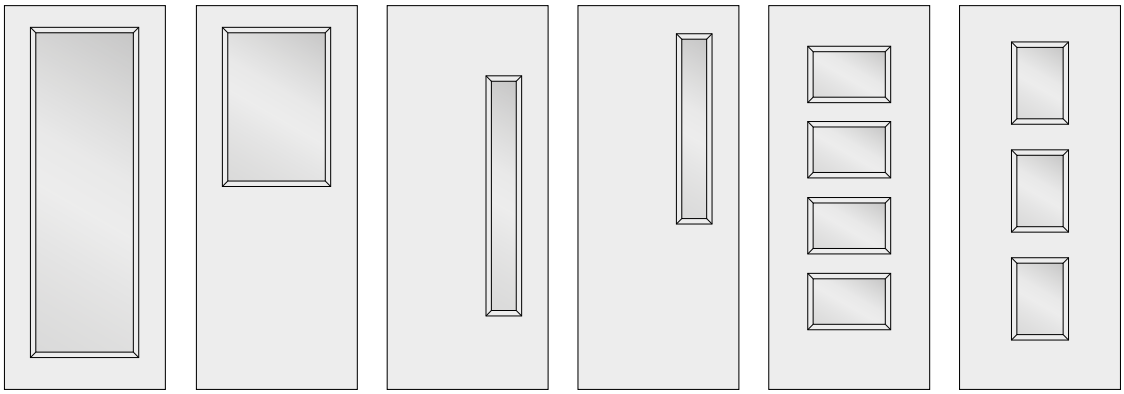
Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

GLAZING

INTERNAL DOORSET GLAZING INSERT OPTIONS



G01 G04 G05 G06 G07 G08



G09 G10 G11 G12 G13 G14

GLAZING OPTIONS

Available with the following glazing types.



Clear Obscure

APERTURE AND GLAZED VISIBLE AREA

Based on 926 x 2040 (mm).

Door thickness			44mm		54mm		44mm		44mm		54mm		54mm		54mm		54mm		54mm	
Fire rating			NFR		NFR		FD30		FD30		FD30		FD30		FD60		FD60		FD60	
Security rating			Non-PAS24		Non-PAS24		Non-PAS24		Non-PAS24		Non-PAS24		Non-PAS24		Non-PAS24		Non-PAS24		Non-PAS24	
Integrity / Insulation rating			0/0		0/0		30/0		30/30		30/0		30/30		60/0		60/30		60/60	
	Aperture size (mm)		Glass visible size (mm)																	
Glazing styles	Width	Height	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H
G01	457	457	439	439	439	439	439	439	439	439	439	439	439	439	430	430	430	430	430	430
G04	150	760	132	742	132	742	132	742	132	742	132	742	132	742	123	733	123	733	123	733
G05 Top	150	760	132	742	132	742	132	742	132	742	132	742	132	742	123	733	123	733	123	733
G05 Bottom	150	450	132	432	132	432	132	432	132	432	132	432	132	432	123	423	123	423	123	423
G06 3 equal apertures	150	1410	132	1392	132	1392	132	1392	132	1392	132	1392	132	1392	123	1383	123	1383	N/A	N/A
G07 5 equal apertures	90	1661	72	1643	72	1643	72	1643	72	1643	72	1643	72	1643	63	1634	63	1634	N/A	N/A
G08	225	225	207	207	207	207	207	207	207	207	207	207	207	207	198	198	198	198	198	198
G09	457	1661	439	1643	439	1643	439	1643	439	1643	439	1643	439	1643	430	1634	430	1634	N/A	N/A
G10	510	915	492	897	492	897	492	897	492	897	492	897	492	897	483	888	483	888	N/A	N/A
G11	150	1150	132	1132	132	1132	132	1132	132	1132	132	1132	132	1132	123	1123	123	1123	123	1123
G12 4 equal apertures	150	915	132	897	132	897	132	897	132	897	132	897	132	897	123	888	123	888	123	888
G13 3 equal apertures	408	270	390	252	390	252	390	252	390	252	390	252	390	252	381	243	381	243	381	243
G14	270	408	252	390	252	390	252	390	252	390	252	390	252	390	243	381	243	381	243	381

HARDWARE

HARDWARE FINISHES

Images are for illustration purposes to depict the best colour reference print allows.



Polished Brass



Polished Chrome



Black



Satin Brass



Satin Chrome

CLOSERS



Scissor Arm Door Closer TS.3204
(Silver/Satin Nickel/Polished Nickel/ Polished Brass/Satin Brass)



Scissor Arm Door Closer TS.9205
(Silver/Satin Nickel/Polished Nickel/ Polished Brass/Satin Brass/Black)



Slide Arm Surface Mounted Door Closer TS.11204
(Silver/Satin Nickel/Polished Nickel/Polished Brass/ Satin Brass/Black)

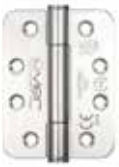
HINGES



G11 Lift-off VLHLL / VLHR 243R
(Satin Chrome)



Phoenix Concealed Bearing G13 7730
(Satin Chrome/Polished Chrome)



Vier Concealed Bearing G14 VHC243R
(Satin Chrome/Polished Chrome)

DOOR KNOCKERS



Contemporary

SECURITY EXTRAS



Door Viewers
(Chrome/Polished Chrome/Brass)



Heavy Duty Security Chain
(Chrome/Polished Chrome/Black/Brass)

HARDWARE

HANDLES

LEVER ON ROSE



Mitred Lever
(Satin Chrome/Polished Chrome)



Return Round Lever
(Satin Chrome/Polished Chrome)



RT Lugano
(Black/Brass)



RT Maggiore
(Black/Brass)



Bilbao
(Satin Chrome/Polished Chrome/Black)



Carlton
(Satin Chrome)



Como
(Brass)



Curved
(Satin Chrome/Polished Chrome)



Garda
(Brass)



Leon
(Satin Chrome/Polished Chrome/Black)



Nera
(Satin Chrome/Polished Chrome)



Philadelphia
(Satin Chrome/Polished Chrome)



Plaza
(Satin Chrome)



Spira
(Satin Chrome)



Toledo
(Satin Chrome/Polished Chrome/Black)



Treviri
(Satin Chrome/Polished Chrome)



Varese
(Brass)



Venus
(Satin Chrome/Polished Chrome)

LEVER ON PLATE



Balmoral Handle
(Chrome/Polished Chrome/Brass)

HARDWARE

PULL BAR HANDLES



D Pull handle ZCSD150 150mm centre to centre
(Satin/Polished Chrome)



D Pull handle ZCSD225 225mm centre to centre
(Satin/Polished Chrome)



D Pull handle ZCSD300 300mm centre to centre
(Satin/Polished Chrome/Black)



D Pull handle ZCSD600 600mm centre to centre
(Satin/Polished Chrome)

LOCKS AND LATCHES



Tubular latch
(Satin/Polished Chrome/ Black/Brass)



Bath lock
(Satin/Polished Chrome/ Black/Brass)



DIN Latch only and plate
(Satin/Polished Chrome/ Black/Brass)



DIN Night latch and plate
(Satin/Polished Chrome/ Black/Brass)



DIN Deadbolt only and plate
(Satin/Polished Chrome/ Black/Brass)



DIN Sash lock and plate
(Satin/Polished Chrome/ Black/Brass)



DIN Escape sash lock
(Satin/Polished Chrome/ Black/Brass)

HARDWARE

CYLINDERS



Kinetica 3 Helix K4 Euro Cylinder
(Satin Chrome/Polished Chrome)



MPX6 1 Eurospec Euro Cylinder
(Satin Chrome/Polished Chrome)



V5 Full Cylinder
(Satin Chrome/Polished Chrome)



V5 Euro Single Cylinder
(Satin Chrome/Polished Chrome)



V5 Euro Single Thumb turn
(Satin Chrome/Polished Chrome)

PUSH PLATES



ZAS32RB W75xH350xT2
(Satin/Polished Chrome/Black)



ZAS32RC W75xH475xT2
(Satin/Polished Chrome/Black)



ZAS32RD W75xH600xT2
(Satin/Polished Chrome/Black)

KICK PLATES



ZAS36-700 W700xH150xT1.2
(Satin/Black) Available in 700, 762, 800, 838 and 900 widths

DROP DOWN SEAL



Lorient LAS8001si
(Polished Chrome) Available from 335mm to 1035mm in gaps of 100mm

HARDWARE

ESCUTCHEONS



ZPA Stanza Euro Profile
Escutcheon
(Satin Chrome/
Polished Chrome/Black)



RT Rosso Tecnica Euro Profile
Escutcheon
(Satin Brass)



Turn & Release CST1015
(Satin)



Turn & Release CST1025
(Satin/Polished Chrome)

FLUSH BOLTS



Lever Action Flush bolt
ZAS03R 203mm
(Satin Chrome/Black/Satin Brass)



Lever Action Flush bolt
ZAS05R 305mm
(Satin Chrome/Black)



Lever Action Flush bolt
ZAS12R 457mm
(Satin Chrome)

ARCHITRAVE



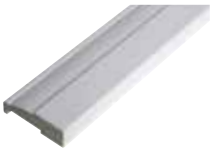
Ogee
(50 & 69mm)



Torus
(59mm)



Twice rounded
(47 & 69mm)



Ovolo
(69mm)



Ogee
Flat Back
(50 & 69mm)



Ovolo
Flat Back
(69mm)



Torus
Flat Back
(50mm & 59mm)



Twice Rounded
Flat back
(47mm)

INTUMESCENT STRIPS



Intumescent strip



With single fin



With double fins

SEALS



Batwing 1212
(White/Light & Dark Brown/Black)

Note: *Available in black, light & dark brown, white and grey.*

SIGNAGE



Fire door Signage



Baby Change Signage



Shower Signage



Numbering and Lettering Signage

DOORSET AND OPENING SIZES

DOORSET AND STRUCTURAL OPENING SIZING

Based on 926mm door leaf width

		Frame Size (mm)		Structural Opening Size (mm)	
Doorset Specification		Height	Width	Height	Width
FD30	32mm lining 4mm undercut	2079	996	2084	1006
	Chamfered Sill	2094	996	2099	1006
	Rectangular Sill 15mm	2094	996	2099	1006
	Rectangular Sill 20mm	2099	996	2104	1006
	Rectangular Sill 25mm	2104	996	2109	1006

CLEAR OPENING SIZING

Based on 926mm door leaf width

Single Door Width (mm)	Double Door Width (mm)		Door Thickness (mm)	Stop Height (mm)	Estimated G13 Hinge Projection (mm)	Operational Gap (mm)	Clear Opening Width		
	Active Door	Passive Door					Single Door (mm)	Double Door (mm)	
								Active Leaf	Active & Passive
926	926	926	44	15	9	3	864	879	1755
926	926	926	54	15	9	3	854	869	1735

Note: *You can get the clear opening for other door sizes using the formula below:*

Single Door: **Door Width** − **Door Thickness** − **Stop Height** − **9mm** *(Hinge Protection)* + **6mm** *(Operational Gap x 2)* = **Clear Opening Size**

Double Door: 1 Active Leaf **Active Door Width** − **Door Thickness** − **9mm** *(Hinge Protection)* + **6mm** *(Operational Gap x 2)* = **Clear Opening Size**

Double Door: Active & Passive **Active Door Width** + **Passive Door Width** − **Door Thickness x 2** − **18mm** *(Hinge Protection x 2)* + **9mm** *(Operational Gap x 3)* = **Clear Opening Size**

FLAT ENTRANCE DOORSETS AT A GLANCE

We manufacture a comprehensive range of flat entrance doorsets, meticulously designed to meet the stringent requirements of modern construction projects. Combining exceptional security with sophisticated aesthetics, our doorsets deliver reliable performance and visual appeal. Engineered for adaptability, this range offers practical solutions that integrate seamlessly into various settings, including residential apartments, mixed-use developments and multi-occupancy buildings.

SECUREFIT LITE

Affordable safety and simplicity for every project.

The entry-level solution for budget-conscious projects, offering essential safety and compliance:

- **Certified for security, fire, and smoke:** Meets UK building regulations for peace of mind.
- **Simple and functional designs:** Limited hardware options for straightforward installations.
- **Cost-effective and easy to install:** Perfect for projects with tight budgets and time-lines.

SECUREFIT ESSENTIAL

Secure, stylish, and smart – the perfect balance.

The trusted choice for secure and stylish flat entrance doorsets:

- **Time-saving pre-painted design options:** Streamline on-site work and reduce installation time.
- **Wide choice of ironmongery options:** Choose from a range of hardware options to suit any style.

SECUREFIT PLUS

Elevate entranceways with high quality glazing configurations.

A high quality solution designed for stylish and seamless renovations:

- **Customisable top and side light options:** Additional glazing configurations for enhanced design versatility.
- **Hassle-free installation:** Factory assembled system ensures efficient setup.
- **Optimised frame thickness:** Makes it an easy option for a variety of renovation project types.

SECUREFIT RANGE COMPARISON TABLE

	SECUREFIT LITE	**SECUREFIT** ESSENTIAL	**SECUREFIT** PLUS
Application	Flat Entrance	Flat Entrance	Flat Entrance
Market sector	Residential & Student Accommodation	Residential & Student Accommodation	Residential & Student Accommodation
Door construction	Chipboard Core	FD30 Laminated softwood core FD60 Chipboard core	Laminated Softwood Core
Fire rating	FD30 (EN1634-1)	FD30 & FD60 (BS476:22)	FD30 (BS476:22)
Certificate number	CF10159 / CS10020	FD30 – CF5965 / CS5059 FD60 – CF6037 / CS5011	CF5965 / CS5059
PAS24	✔	✔	✔
Secured by Design	✔	✔	✔
Door design	Moulded, Paint Grade Premium	Moulded, Veneer, High Performance Laminate, Paint Grade Premium	Moulded, Veneer, High Performance Laminate, Paint Grade Premium, Kraft Paper
Glazing inserts	✘	✘	✘
Top & side light	✘	✘	✔ Glazed
Fire rated glazing	✘	✘	✔ (Insulated and non-insulated options)
Glass type	n/a	n/a	Clear, Opaque, White block, Stippolyte (Top and side light only)
Glass performance	n/a	n/a	P1A FD30 Integrity only to top and sidelight P1A FD30 Integrity and Insulation to sidelights only
Glazing beading	n/a	n/a	Flush or recessed (varies according to glazing specified)
Door thickness	44mm	44mm & 54mm	44mm
Smoke rating	✔ S (EN1634-3)	✔ S (BS476-31)	✔ S (BS476-31)
Acoustic performance*	Up to 33dB Flush, 29dB Moulded	29dB	29dB
Environmental certification	PEFC	PEFC	PEFC
Door data pin/label	Pin	Pin	Pin
U-Value	2.1 W/m²K	FD30: 2.0 W/m²K FD60: pending	2.0W/m²K
Made to measure sizing available	✘	✘	✔
Maximum door leaf size	2040mm height & 926mm width	2040mm height & 926mm width	2040mm height & 926mm width

*Acoustic performance is dependent on specific product configuration



SECUREFIT LITE

FLAT ENTRANCE DOORSETS

SecureFIT Lite is the perfect entry-level flat entrance doorset, offering proven security and fire protection at a lower cost. Designed to meet UK building regulations, providing the essential certifications you need without compromising on safety or compliance.

This introductory offering features a straightforward selection of door finishes and hardware options, making it an ideal choice for budget-conscious projects. For projects where simplicity and compliance are key, SECUREFIT LITE delivers dependable performance and peace of mind at an affordable price.

RANGE SUMMARY TABLE

		FD30
Door thickness		44mm
Certificate		CF10159/CS10020
Construction		Chipboard Core
Door design	Moulded	✔
	Flush	✔
Configuration		LSASD (Open in only)
Maximum door leaf size	Single	2040mm x 926mm
Fire rating	FD30	EN1634-1
Smoke		✔ S(EN1634-3)
PAS24 Compliant		✔
Secure by Design		✔
Frame		Softwood
Edge finish		Edgebanded
Environmental certification		FSC
Duty rating		Severe Duty
Thermal performance (U-Value) unglazed doorset		2.1W/m²k
Acoustic performance		Up to 33dB Flush, 29dB Moulded

TABLE KEY

LSASD	Latched Single Action Single Doorset

For detailed information on specification guidance for each certification, view the certificate.

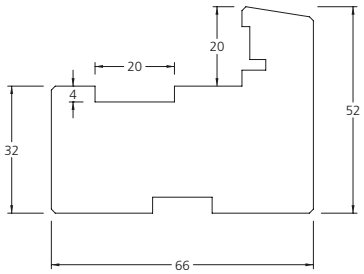
SPECIFICATIONS
FD30 44mm

CORE CONSTRUCTION



FD30 44mm

FRAME PROFILE DIAGRAMS



FD30 FED + LIGHT FRAME

DOOR FINISH

MOULDED



Atherton (S)



Cambridge (S)

(S) Smooth
(W) Woodgrain

PAINT GRADE

Paint Grade Premium



EDGE BANDING

All moulded and paint grade premium doors are available with white edge banding along the 2 long sides of the door.

We offer a range of **fully finished** painted doorsets to save time and money once on site on all moulded and flush doors. Alternatively, we also can provide doorsets **primed** ready for painting if required.

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

HARDWARE

CLOSERS



Scissor Arm Door Closer TS.3204
(Silver/Satin Nickel/Polished Nickel/Polished Brass/Satin Brass)



Concealed Cam-action Door Closer System ITS.96

HINGES



Grade 13 Hinges
(Polished/Satin)

SECURITY EXTRAS



Spy Viewer



Security Chain

LETTER PLATE



Solterian Letter Plate

HANDLES



DH243 Duo SSS Nanocoat

CYLINDERS



3* TS007 Security Cylinder
(Key/thumb)



3* TS007 Security Cylinder
(Key/key)

HARDWARE

LOCKING SYSTEMS



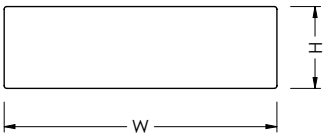
XL Crimebeater 3 hook
multipoint lock XCKS

THRESHOLD



Aluminium Threshold Plate
(FD30)

SILL



Hardwoord Sill'

ARCHITRAVE



Ogee
Flat Back
(50 & 69mm)



Ovolo
Flat Back
(69mm)



Torus
Flat Back
(50mm & 59mm)



Twice Pencil Rounded
(47mm)

INTUMESCENT STRIPS



20 x 4mm Lorient
Intumescent/smoke seal

WEATHER SEAL



Q-lon Aquamac 21
Weather Seal

ADDITIONAL



Data Pin



Acoustic Drop Down Seal

DOORSET AND OPENING SIZES

DOORSET AND STRUCTURAL OPENING SIZING

Based on 926mm door leaf width

		Frame Size (mm)		Structural Opening Size (mm)	
Doorset Specification		Height	Width	Height	Width
FD30	66mm x 52 rebated frame 13mm undercut drop down seal and 10mm aluminium threshold	2088	996	2093	1006
	14mm hardwood sill 4mm undercut	2093	996	2098	1006
	25mm hardwood sill 4mm undercut	2104	996	2109	1006

CLEAR OPENING SIZING

Based on 926mm door leaf width

Single Door Width (mm)	Door Thickness (mm)	Stop Height (mm)	Estimated G13 Hinge Projection (mm)	Operational Gap (mm)	Clear Opening Width Single Leaf (mm)
926	44	20	9	3	859

Note: *You can get the clear opening for other door sizes using the formula below:*

Single Door: **Door Width** − **Door Thickness** − **20mm Stop Height** − **9mm** *(Hinge Protection)* + **6mm** *(Operational Gap x 2)* = **Clear Opening Size**





SECUREFIT ESSENTIAL

FLAT ENTRANCE DOORSETS

SecureFIT Essential is the go-to solution for secure and stylish flat entrance doorsets. Engineered to meet the highest standards of security, smoke, and fire resistance, it provides reliable protection without compromising on design.

This offering is available in a variety of moulded or flush designs, allowing you to choose the perfect aesthetic for your project. Customise further with a wide range of finishes, including any RAL colour of your choice, durable HPL laminates, or elegant veneer options.

Whether you're working on private residential or student accommodation, SecureFIT Essential combines safety, durability, and design flexibility to deliver a dependable and visually appealing entrance solution.

**Subject to colour availability and specifications*

RANGE SUMMARY TABLE

		FD30	FD60
Door thickness		44mm	54mm
Certificate		CF5965/CS5059	CF6037/CS5011
Construction		Laminated Softwood Core	Chipboard Core
Door design	Moulded	✔	✘
	Flush	✔	✔
Configuration		LSASD (Open in only)	
Maximum door leaf size	Single	2040mm height & 926mm width	2040mm height & 926mm width
Fire rating	FD30	BS476-22	
	FD60		BS476-22
Smoke		✔ BS476-31	✔ BS476-31
PAS24 Compliant		✔	✔
Secure by Design		✔	✔
Frame		Softwood	Hardwood
Edge finish		Edge banded	10mm Lipped
Environmental certification		FSC	FSC
Duty rating		Severe Duty	Severe Duty
Thermal performance (U-Value)		2.0W/m²k	Pending
Acoustic performance		29dB	29dB

TABLE KEY

LSASD	Latched Single Action Single Doorset

For detailed information on specification guidance for each certification, view the certificate.

SPECIFICATIONS
FD30 44mm & FD60 54mm

CORE CONSTRUCTION

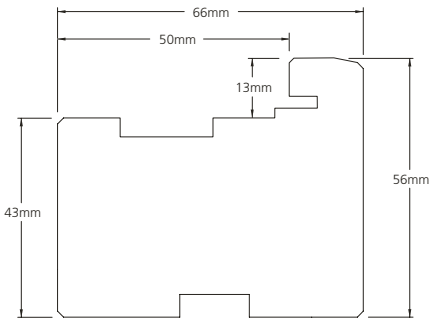


FD30 44mm

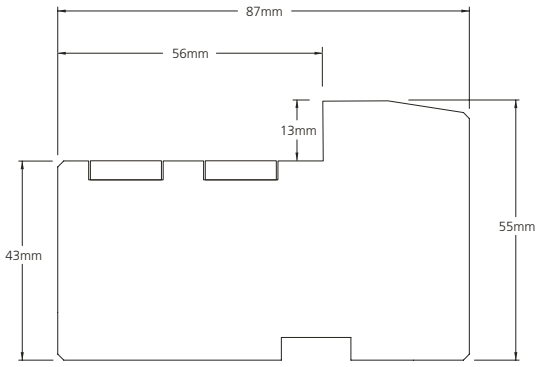


FD60 54mm

FRAME PROFILE DIAGRAMS



FD30



FD60

DOOR FINISH

MOULDED


Bostonian (W)


Oakfield (W)


Arlington (S)


Atherton (S)


Cambridge (S)


Camden (W)


Linea (S)


Newark (W)


Ladder (S)

(S) Smooth
(W) Woodgrain

PAINT GRADE

Paint Grade Premium



EDGE BANDING

All moulded and paint grade premium doors are available with white edge banding along the 2 long sides of the door.

Note: *Edge banding is only applicable to CF5965 & CS5059*

We offer a range of **fully finished** painted doorsets to save time and money once on site on all moulded and flush doors. Alternatively, we also can provide doorsets **primed** ready for painting if required.

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

DOOR FINISH

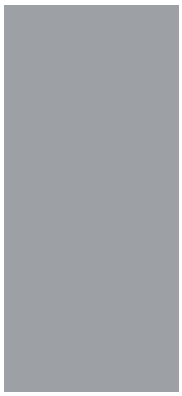
HIGH PRESSURE LAMINATES

SOLID COLOUR

Blanc Artic
(RAL 9003)

Orgeat
(RAL 9010)

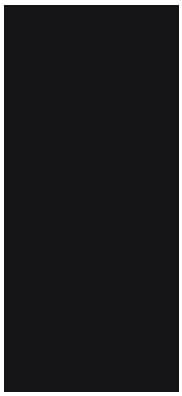
Blanc Megeve
(RAL 9016)



Gris Perle
(RAL 7040)



Gris Cendre
(RAL 7004)



Noir
(RAL 9005)

WOODGRAIN



Banian Noirci
(Black WG)



Chene De Massifs
(Oak WG)



Chene De Meymac
(Oak WG)

Over 100 more laminate finishes available upon request.* Talk to your account manager today for more information.
*MOQ required

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

DOOR FINISH

VENEERS

• Crown & Quarter Cut

AMERICAN BLACK WALNUT


Crown Cut


Quarter Cut

AMERICAN WHITE ASH


Crown Cut


Quarter Cut

AMERICAN WHITE OAK


Crown Cut


Quarter Cut

SAPELE


Crown Cut


Quarter Cut

STEAMED BEECH


Crown Cut


Quarter Cut

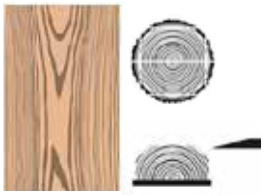
MAPLE

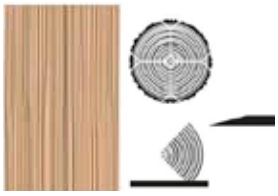

Crown Cut


Quarter Cut

Crown & Quarter Cut

For illustration purposes only – natural veneer shown as accurately as possible within print limitations.


Crown Cut


Quarter Cut

LIPPING OPTIONS

All Veneer or High Pressure Laminate options are available with the following choice of lippings.


Ash


Beech


Maple


Oak


Sapele


Walnut

Note: *Lipping options are only applicable to CF5965 & CS5059. Standard offer is concealed 4 side lipped.*

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

HARDWARE

HARDWARE FINISHES

Images are for illustration purposes to depict the best colour reference print would allow.



Polished Brass



Polished Chrome



Black



Satin Brass



Satin Nickel

CLOSERS



Concealed Door Closer 2420T
(Polished Chrome/Satin Nickel)
*CF5965/CS5059 only



Scissor Arm Door Closer TS.3204
(Silver/Satin Nickel/PolishedNickel/ Polished Brass/Satin Brass)



Scissor Arm Door Closer TS.9205
(Silver/Satin Nickel/Polished Nickel/ Polished Brass/Satin Brass/Black)



Slide Arm Surface Mounted Door Closer TS.11204
(Silver/Satin Nickel/Polished Nickel/ Polished Brass/Satin Brass/Black)

HINGES





Grade 13 Hinges
(Polished/satin)

LETTER PLATES





TS008 Security Letter Plate
(Polished/satin)

SECURITY EXTRAS



Spy Viewer



Security Chain

HARDWARE

HANDLES



2* TS007 Security Handle
(Polished/satin)

CYLINDERS



1* TS007 Cylinder
(Key/thumb)



1* TS007 Cylinder
(Key/key)

LOCKING SYSTEMS



Multi-point Lock

THRESHOLD



Aluminium Threshold Plate
(FD30 only)

OTHER

ARCHITRAVE



Ogee
Flat Back
(50 & 69mm)



Ovolo
Flat Back
(69mm)



Torus
Flat Back
(50mm & 59mm)



Twice Pencil Rounded
(47mm)

INTUMESCENT STRIPS



Intumescent strip



With single fin



With double fins

Note: *Available in black, light & dark brown, white and grey.*

WEATHER SEAL



Q-lon Aquamac 21
Weather Seal

ADDITIONAL



Data Pin



Acoustic Drop Down Seal

DOORSET AND OPENING SIZES

DOORSET AND STRUCTURAL OPENING SIZING

Based on 926mm door leaf width

		Frame Size (mm)		Structural Opening Size (mm)	
Doorset Specification		Height	Width	Height	Width
FD30	66mm x 56mm rebated frame 13mm undercut drop down seal and 10mm aluminium threshold	2099	1018	2104	1028
FD60	87 x 55 rebated frame drop down seals 4mm undercut	2089	1016	2094	1026

CLEAR OPENING SIZING

Based on 926mm door leaf width

Single Door Width (mm)	Door Thickness (mm)	Stop Height (mm)	Estimated G13 Hinge Projection (mm)	Operational Gap (mm)	Clear Opening Width Single Leaf (mm)
926	44	13	9	3	866
926	54	13	9	3	856

Note: *You can get the clear opening for other door sizes using the formula below:*

Single Door: **Door Width** – **Door Thickness** – **13mm Stop Height** – **9mm** *(Hinge Protection)* + **6mm** *(Operational Gap x 2)* = **Clear Opening Size**


27

SECUREFIT PLUS

FLAT ENTRANCE DOORSETS

SECUREFIT PLUS is the ultimate solution for modern renovation projects, offering a versatile range of flat entrance doorsets with customisable top and side light configurations. Designed to seamlessly blend style, security, and functionality, Securefit Plus is perfect for enhancing the aesthetics and safety of any space.

The doorsets are available in a variation of standard laminates, veneers and moulded design options, with an extended range of 100 laminates available on request. The SECUREFIT PLUS doorset is made to measure to meet specific project requirements, bidirectionally fire tested including glazed screens and all hardware.

RANGE SUMMARY TABLE

		FD30
Door Thickness		44mm
Certificate		CF5965/CS5059
Construction		Laminated Softwood Core
Door Design	Moulded	✔
	Flush	✔
Configuration		LSASD (Open in only)
Maximum door leaf size	Single	2040mm height & 926mm width
Fire rating	FD30	BS476:22
Smoke		✔ BS476:31
PAS24 Compliant		✔
Secure By Design		✔
Frame		Softwood
Edge finish		Edgebanded or lipped
Top & side light		✔
Integrity/Insulation	Side light	30/30
	Top light	30/0
Environmental certification		FSC
Duty rating		Severe Duty
Thermal performance (U-Value) *Doorset only		2.0W/m²k
Acoustic performance		29dB

TABLE KEY

LSASD	Latched Single Action Single Doorset

For detailed information on specification guidance for each certification, view the certificate.

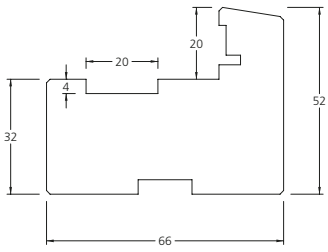
SPECIFICATIONS
FD30 44mm

CORE CONSTRUCTION

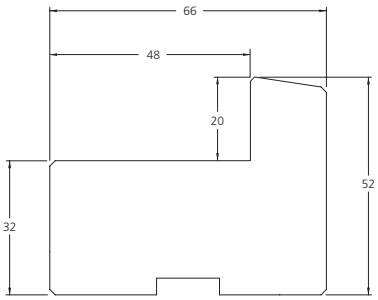


FD30 44mm

FRAME PROFILE DIAGRAMS

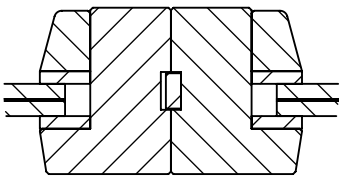


FD30 FED + LIGHT FRAME

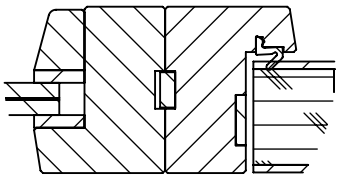


TOP AND SIDE LIGHT

TOP AND SIDE LIGHT JOINTING SYSTEM



SIDE LIGHT AGAINST SIDE LIGHT OR TOP LIGHT



TOP OR SIDE LIGHT AGAINST DOORSET

DOOR FINISH

MOULDED


Bostonian (W)


Oakfield (W)


Arlington (S)


Atherton (S)


Cambridge (S)


Camden (W)


Linea (S)


Newark (W)


Ladder (S)

(S) Smooth
(W) Woodgrain

PAINT GRADE

Paint Grade Premium

DOOR COLOUR OPTIONS AVAILABLE

Moulded and paint grade premium doors are available in a range of standard colours or you can speak to your sales account manager about more available colours (subject to MOQ).

White
RAL9003

Dark Red
RAL 3001

Sapphire Blue
RAL 5003

Forest Green
RAL 6028

Dusky Grey
RAL 7037

Slate Grey
RAL 7015

Black
RAL 9017



EDGE BANDING

All moulded and paint grade premium doors are supplied with white edge banding along the 2 long sides of the door.

We offer a range of **fully finished** painted doorsets to save time and money once on site on all moulded and flush doors. Alternatively, we also can provide doorsets **primed** ready for painting if required.

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

DOOR FINISH

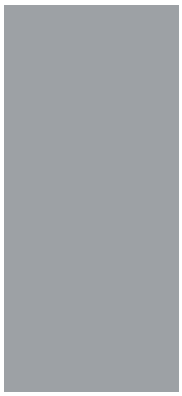
HIGH PRESSURE LAMINATES

SOLID COLOUR

Blanc Artic
(RAL 9003)

Orgeat
(RAL 9010)

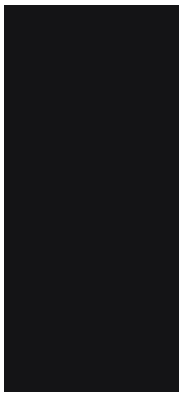
Blanc Megeve
(RAL 9016)



Gris Perle
(RAL 7040)



Gris Cendre
(RAL 7004)



Noir
(RAL 9005)

WOODGRAIN



Banian Noirci
(Black WG)



Chene De Massifs
(Oak WG)



Chene De Meymac
(Oak WG)

Over 100 more laminate finishes available upon request.* Talk to your account manager today for more information.
*MOQ required

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

DOOR FINISH

REAL WOOD VENEERS

• Crown & Quarter Cut

AMERICAN BLACK WALNUT



Crown Cut



Quarter Cut

AMERICAN WHITE ASH



Crown Cut



Quarter Cut

AMERICAN WHITE OAK



Crown Cut



Quarter Cut

SAPELE



Crown Cut



Quarter Cut

STEAMED BEECH



Crown Cut



Quarter Cut

MAPLE



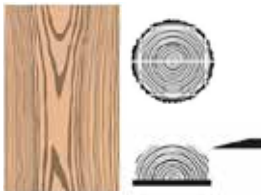
Crown Cut



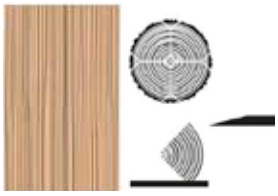
Quarter Cut

Crown & Quarter Cut

For illustration purposes only – natural veneer shown as accurately as possible within print limitations.



Crown Cut



Quarter Cut

LIPPING OPTIONS

All Veneer or High Pressure Laminate options are available with the following choice of lippings.



Ash



Beech



Maple



Oak



Sapele



Walnut

Note: *Standard offer is concealed 4 side lipped.*

Note: *Colours are indicative only and may vary from the final product finish due to print and screen variations.*

TOP AND SIDE LIGHT CONFIGURATIONS

Top and side lights are available as 30 minute fire rated and PAS24 approved in multiple designs including full height light configurations to cater for your project requirements.

GLASS SPECIFICATION:

Side lights are supplied as modular units, complete with EI30 glass (fire integrity, insulated and laminated) to help limit heat radiation to the escape route in the event of a fire and ensure a high level of security performance in line with Building Regulations.

Top light units are supplied as modular units with EW30 glass (fire integrity and laminated) as standard, which has been proven to meet the requirements for both fire and security performance. EI30 glass is optional.

All modular glazed units have been specially designed for easy removal of glass during installation. Glazed units are supplied partiality glazed, with accompanying security screws and pre-piloted glazing beads for a quick and easy final fit.

Our modular doorset & glazed units are supplied with all the fixings required to complete the installation on site (excl. wall fixings).





Left hand single side light



Right hand single side light



Single top light



Left hand single side light and top light



Right hand single side light and top light



Left hand single full length side light and top light



Right hand single full length side light and top light

GLAZING FINISH OPTIONS

Glazed units are available in clear and opaque finish.

Clear

Opaque White

HARDWARE

HARDWARE FINISHES

Images are for illustration purposes to depict the best colour reference print would allow.



Polished Brass



Polished Chrome



Black



Satin Brass



Satin Nickel

CLOSERS



Concealed Door Closer 2420T
(Polished Chrome/Satin Nickel)



Scissor Arm Door Closer TS.3204
(Silver/Satin Nickel/PolishedNickel/ Polished Brass/Satin Brass)



Scissor Arm Door Closer TS.9205
(Silver/Satin Nickel/Polished Nickel/ Polished Brass/Satin Brass/Black)



Slide Arm Surface Mounted Door Closer TS.11204
(Silver/Satin Nickel/Polished Nickel/ Polished Brass/Satin Brass/Black)

HINGES



Grade 13 Hinges
(Polished/Satin)

LETTER PLATES



TS008 Security Letter Plate
(Polished/Satin)

DOOR KNOCKER



Contemporary Door Knocker
(Polished)

HARDWARE

SECURITY EXTRAS



Spy Viewer



Security Chain

HANDLES



Balmoral Lever Handles
(Polished/satin)

CYLINDERS



3* TS007 Security Cylinder
(Key/thumb)



3* TS007 Security Cylinder
(Key/key)

LOCKING SYSTEMS



Multi-point Lock –
3 Hook points

THRESHOLD



Aluminium Threshold Plate
(10mm or 5mm option)

OTHER

ARCHITRAVE



Ogee
Flat Back
(50 & 69mm)



Ovolo
Flat Back
(69mm)



Torus
Flat Back
(50mm & 59mm)



Twice Pencil Rounded
(47mm)

INTUMESCENT STRIP



With double fins

NOTE: Available in black, light & dark brown, white and grey.

WEATHER SEAL



Q-lon Aquamac 21
Weather Seal

ADDITIONAL



Data Pin



Acoustic Drop Down Seal

DOORSET AND OPENING SIZES

DOORSET AND STRUCTURAL OPENING SIZING

Based on 926mm door leaf width

		Frame Size (mm)		Structural Opening Size (mm)	
Doorset Specification		Height	Width	Height	Width
FD30	66mm x 56mm rebated frame 13mm undercut drop down seal and 10mm aluminium threshold	2099	1018	2104	1028
FD60	87 x 55 rebated frame drop down seals 4mm undercut	2089	1016	2094	1026

CLEAR OPENING SIZING

Based on 926mm door leaf width

Single Door Width (mm)	Door Thickness (mm)	Stop Height (mm)	Estimated G13 Hinge Projection (mm)	Operational Gap (mm)	Clear Opening Width Single Leaf (mm)
926	44	13	9	3	866

Note: *You can get the clear opening for other door sizes using the formula below:*

Single Door: **Door Width** – **Door Thickness** – **13mm Stop Height** – **9mm** *(Hinge Protection)* + **6mm** *(Operational Gap x 2)* = **Clear Opening Size**

TOPLIGHTS & SIDELIGHTS

Maximum calculations

Frame		Doorset		Toplight		Sidelight (with long toplight)	
Max Height (mm)	Max Width (mm)	Max Height (mm)	Max Width (mm)	Max Height (mm)	Max Width (mm)	Max Height (mm)	Max Width (mm)
2600	2600	2094	996	506	2046	2091	1050



QUOTE PROCESS

1 SUBMIT YOUR PROJECT INFORMATION

To help us provide an accurate quotation as quickly as possible, please email the following information to ukdoorsets@jeldwen.com:



1	Site Address and Contact Details	✔
2	Door Schedule: including sizes and quantity	✔
3	Door Specification (Please refer to JELD-WEN Technical Doorset Specification Guide)	✔
4	Door Elevations or Drawings, where applicable	✔



2 PROJECT REVIEW & QUOTATION

Once we have received all of the required information, we will review your project requirements and assess the most appropriate doorset solution for your needs. We aim to provide a detailed quotation approximately within

**5 working days of receiving all required project information.*



3 ORDER CONFIRMATION & PROJECT HANDOVER

Once you are happy to proceed, please submit your purchase order and we will allocate a dedicated Project Manager to support your project.

Before manufacturing begins, we will provide drawings, specifications, samples (where applicable) and a manufacturing schedule for your approval.

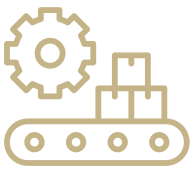
Your order will then be aligned with factory production schedules and a provisional delivery date will be confirmed.



4 MANUFACTURING

Once approvals have been completed, your order will be released into production in line with the agreed manufacturing schedule.

Manufacturing lead times are typically approximately 8 weeks from approval to delivery.



5 DELIVERY & PROJECT COMPLETION

Your Project Manager and Customer Service Team will keep you informed throughout the manufacturing and delivery process, ensuring a successful delivery and completion of your project.



UNDERSTANDING DOORSET HANDING



When selecting a doorset, understanding its handing is crucial to ensure proper installation and functionality. Doorset handing refers to the direction in which a door swings and determines the proper positioning of the hinges and hardware. Here's a guide to help you understand how to interpret doorset handing information.

IDENTIFYING DOOR HANDING

Follow these simple steps to identify and specify the correct door handing:

1 UNDERSTAND THE POSITION REQUIRED TO VIEW YOUR DOORSET

This can vary depending on the application of your doorset, for example;

When "looking" at a flat entrance doorset **you should be viewing from outside the apartment in the communal area.**



When "looking" at an internal or communal doorset, **you should be viewing from inside the room** with the knuckles of the hinge are visible.



2 DETERMINE THE HINGE POSITION

Look at the hinges when facing the door.

- If the hinges are on your right-hand side, the door is right-hand hung.
- If they are on your left-hand side, the door is left-hand.

Note: *Depending on the doorset type you may not always be able to see the hinge knuckle, but they would always be at opposite side of the door to the handle.*





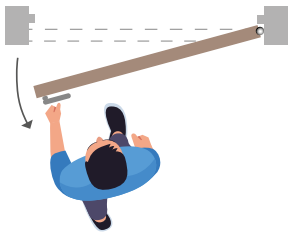
RIGHT-HAND HUNG (RHH):
Hinges are on the right. The handle will be on the left side of these doors.

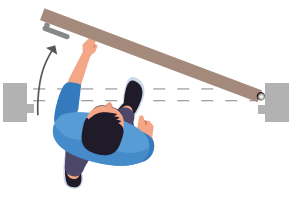
LEFT-HAND HUNG (LHH):
Hinges are on the left. The handle will be on the right side of these doors.

3 CONSIDER THE SWING DIRECTION

This is determined by the position of the stops in the lining or the frame rebate.

- A door that **swings towards** you is a **PULL OPERATION DOOR.**
- A door that **swings away** from you is a **PUSH OPERATION DOOR.**





STORAGE AND FITTING GUIDE

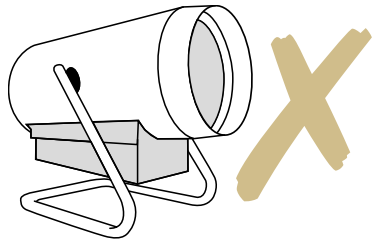
PLEASE READ CAREFULLY

JELD-WEN UK reserve the right to reject claims under warranty for any defect or failure that may subsequently occur which is attributable to non-compliance either wholly or in part with the advice given in this information sheet in accordance with JELD-WEN UK terms & conditions.

DO NOT STORE THESE DOORS/DOORSETS OUTSIDE

DELIVERY & STORAGE

- JELD-WEN hold a silver FORS accreditation for a higher standard of safety and efficiency in our fleet operations.
- Doors should be checked at the time of delivery. Check that the delivery is complete and that the components, including any protective packaging, are not damaged. Damages and missing items must be reported with 48hrs of receipt. Any latent defects must be reported promptly, e.g. during installation/decoration.
- Products must be stored under cover in a dry ventilated building. Doors should be protected from abnormal heat/extreme dryness, humidity, sudden changes of temperature, and prolonged damp ambient conditions. Do not use gas fired heaters in new build situations due to the release of carbon dioxide and water vapour.



DO NOT USE GAS HEATERS



STORE DOORS FLAT IN DRY CONDITIONS

- Wherever possible the sequence of deliveries should be co-ordinated to site requirements so that doors are not kept on site unfixed for longer than necessary.
- Doors should be stored flat on a level surface, never on edge or on end, and kept clear of the floor on at least three level bearers. Doors should not be stored or fitted in the building until the wet trades are finished and the building has dried out.
- When door leaves are protected by shrink-wrapping or other packaging, this should be kept in place as long as possible and removed 24hrs before installation.

INSTALLATION

- Internal doorsets are a 2nd fix item, to prevent the adverse effects of moisture and risk of damage, do not fix JELD-WEN doorsets at 1st fix stage.
- For fire doors installed into MDF linings, a single 50mm / no.8 gauge screw can be replaced centrally to the top and middle hinges on the frame side once the product is installed to give additional support.

Please follow the fitting instructions for best installation performance.

SCAN FOR FITTING INSTRUCTIONS

FINISHING

- All surfaces, edges, and cut-outs should be sealed within 48 hours of installation to prevent moisture ingress into the product. Base coat primer is not a seal coat.
- Only paint and wood stain are recommended for decoration and should be applied following the manufacturer's instructions. Doors with hardwood lipped edges have been factory sealed with a finishing wax.

PLEASE NOTE:
FOR FIRE DOORSETS ONLY

- Fire label and/or plug on the top or hinge edge of the door should not be trimmed or painted over.
- Damage or defacing of the label and/or plug on the top or hinge side of the door will invalidate the product as a certified fire, fire and security door.
- It is strongly recommended that the installer is a member of a recognised quality assurance scheme to ensure best installation practice. e.g. BMTrada Q mark.
- Interior doorsets must be installed in line with the conditions as outlined within the latest version of the BS 8214 standard 'Timber-based fire door assemblies - Code of practice'.
- The product certification should be read before installation to understand the specific requirements of each doorset, e.g. trimming of a fire door.

TECHNICAL SUPPORT

Literature, CAD drawings, certificates and door data sheets can be found on our website **www.jeld-wen.co.uk**. JELD-WEN can also be found on NBS for further specification support.

MAINTENANCE

All hardware should be lubricated on a regular basis to ensure Solid colour and correct functioning. JELD-WEN doorsets can be cleaned using a damp cloth, no abrasive materials should be used as this can damage the face of the door.

Ensure regular and more vigorous maintenance of JELD-WEN fire doors. We recommend fire doors to be checked and maintained every 6 months, more regularly for those installed within high traffic/volume areas. Regular inspections by a competent person will ensure any defects to the doorset or hardware can be addressed in a timely and efficient manner. Failure to do so may prevent the fire door from working.

If you require support with maintenance of a JELD-WEN doorset, please contact **ukwarranty@jeldwen.com**

GUARANTEES



JELD-WEN doorsets have a 10 year guarantee against manufacturing defects.



Factory finishing has a 5 year guarantee.



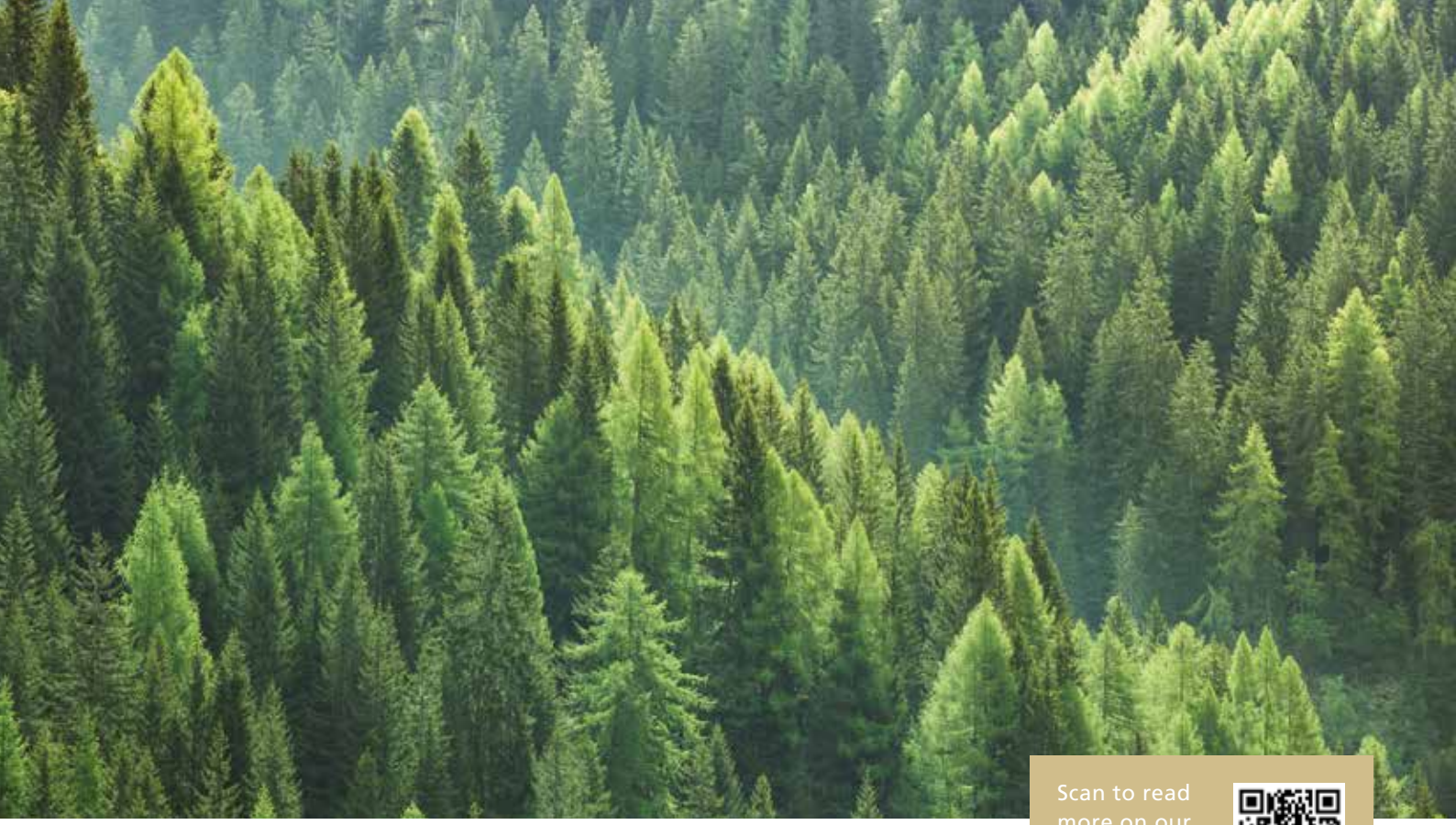
Hardware comes with a 1 year guarantee.

Scan to download
PRODUCT CERTIFICATES

For full terms and conditions along with further information on guarantees please visit our website:

IF YOU HAVE ANY QUESTIONS

Please contact us on **ukdoorsets@jeldwen.com**



Scan to read more on our sustainability goals

SUSTAINABILITY

At JELD-WEN we're dedicated to providing sustainable and innovative solutions that benefit our customers, our communities and the planet. As we do so, we're proud to provide our associates with a safe, diverse and inclusive work environment. This is how we shape our industry – and protect our planet.

In the UK, we aspire to be the industry leader in environmentally responsible practices and products, and this begins with our efforts to reduce the impact of our products and operations on the environment. We have committed ourselves to more sustainable business practices and we have a responsibility to be environmental stewards.

Here are a few examples of our commitment to our environmental and sustainability journey in the UK:

- In order to strengthen our sustainability efforts, we are working towards achieving Cradle to Cradle certification for many of our product ranges across 6 sites in Europe, including the UK.
- We have adopted the ISO 14001 "Environmental Management Systems" standard to maintain and ensure continual improvement of our environmental performance, such as waste management, resource use, and efficiency.
- We work in partnership with our suppliers to ensure all our timber is sourced in compliance with the UK Timber Regulations (UKTR), EU Timber Regulations (EUTR) and EU Deforestation-free Regulation (EUDR).
- We operate a transport policy with the objective of reducing carbon emissions.
- We have Forest Stewardship Council® (FSC®) certification which ensures responsible and ethical sourcing of timber. In addition, where FSC isn't available, we have 'Programme for the Endorsement of Forest Certification' (PEFC) certification which also ensures responsible sourcing of timber.
- We recycle and reuse wood waste which goes to local farms to be used for animal bedding.
- We can provide EPD (Environmental Product Declaration) certificates if required, visit our website to download a copy.

KEY FACTS



30% DECREASE IN ENERGY USAGE

per door produced in Penrith, UK



17 TONNE OF PLASTIC REMOVED

from the supply chain and continuous improvements being made



ZERO WASTE TO LANDFILL ACHIEVED

in 2023 at Penrith



REPLACING DIESEL FORKLIFTS WITH ELECTRIC

across sites to reduce emissions

OUR SUSTAINABILITY GOALS

ZERO MANUFACTURING WASTE TO LANDFILL BY 2050

All waste and waste by-products from manufacturing will be reused or recycled, which includes incineration with energy recovery.

NET ZERO GREENHOUSE GAS EMISSIONS BY 2050

Achieving balance between the amount of Scope 1 and Scope 2 GHG we produce and the amount we remove from the atmosphere.

TOTAL RECORDABLE INCIDENT RATE (TRIR) OF LESS THAN 1.0 BY 2030

Following U.S. OSHA guidance, the total recordable incident rate corresponds to: Number of OSHA recordable injuries and illnesses x 200,000/Employee total hours worked.

100% GLOBAL SOURCING OF SUSTAINABLE OR CERTIFIED WOOD BY 2030

All wood used in production will be sourced from sustainable or certified forests and delivered through certified supply chains.



Specify our fire and security doorsets on NBS Source

SPECIFICATION SUPPORT

We collaborate with you to make your projects a reality – with a vast array of style and finish options, plus a wide range of durable hardware options. Although we specialise in volume manufacturing, many of our products can be bespoke so you can customise the doorsets to suit any project and client. Our nationwide sales team are available to provide technical support to understand your projects and doorsets requirements

Find, select, and specify JELD-WEN fire and security-rated interior doorsets on NBS Source. JELD-WEN experts are readily available, and having the NBS chorus license enables us to provide technical guidance in writing your specification and support at every stage of your projects.

NBS Source PARTNER

CPD TRAINING AVAILABLE ON REQUEST

Enhance your internal doorset expertise with our RIBA-accredited CPDs, designed for architects, specifiers, and construction professionals. Our RIBA-accredited CPD programme is built to help you stay informed, make confident design and specification decisions, and reduce project risk. Every session is developed and delivered by our technical specialists with years of experience in doorsets and the construction industry, giving you practical knowledge you can apply immediately. Sign up today.

Scan to enquire about our CPD training:



GLOSSARY

Accreditation - A formal recognition by an independent body that a company or product meets specific standards of quality or safety.

Acoustic Rating - A measurement of how well a doorset prevents sound transmission.

Aperture - An opening in a wall or partition where a doorset will be installed.

Approved Document B - Part of the UK Building Regulations that specifically deals with fire safety, including the requirements for fire doorsets.

Approved Document M - Part of the UK Building Regulations that covers access to and use of buildings, including guidance on accessible doors for people with disabilities.

Architrave - A decorative moulding that surrounds a doorway, covering the joint between the door frame and the wall.

Beading - Strips of material used to hold glazing or panels in place within a door leaf or frame.

Bespoke Doorset - A custom-made doorset designed and manufactured to meet specific requirements.

BS EN (British Standard European Norm) - A standard adopted from European specifications, but overseen by the British Standards Institution (BSI).

BSI - British Standards Institution - The UK's national standards body that provides guidelines and certification for manufacturing processes and products.

CAD - Computer Aided Design, a way to digitally create 2D drawings and 3D models of products.

CE Marking - A European conformity marking that indicates a product meets the essential requirements of relevant European directives.

Certification - Official documentation or assessment that verifies the doorset complies with relevant Standards.

CERTIFIRE - Certifire is an independent third-party passive fire product certification scheme that assures performance, quality, reliability and traceability of products and systems.

CERTISECURE - Warringtonfire's Certisecure scheme is an independent third-party certification scheme in support of 'Secured by Design' that offers enforcement authorities, architects, specifiers and building owners a high level of confidence that products offer an enhanced level of security, whilst at the same time maintaining fitness for purpose.

CPD - Continuing Professional Development, encourages learning new skills, knowledge or expertise throughout your career.

CPR - Construction Products Regulation - A regulation from the EU, incorporated into UK law post-Brexit, ensuring the performance and safety of construction products, including doorsets.

DDA - Disability Discrimination Act - Legislation that aims to prevent discrimination against people with disabilities.

Door Closer - A mechanical device that automatically closes a door after it has been opened.

Door Leaf - The moving part of the door that swings open and closed.

Dual Certified - Fire Smoke and Security. A product that is certified for both fire and security performance.

EI30 Glass - Fire and insulation rating for glazing. Prevents the spread of fire and no heat transmission for 30 minutes.

EI - Integrity & Insulation, the highest level of protection.

EUTR - European Union Timber Regulation.

ESG - Environmental, Social and Governance.

EW30 - Fire rating for glazing. Prevents the spread of fire and provides heat reduction for 30 minutes.

EW - Glazing that also delivers a reduction in the amount of radiant heat transmitted to the protected side.

Door Assembly - A complete system that includes the door leaf, frame, and all hardware, such as hinges and latches.

FED - Flat Entrance Doorset: Mostly dual certified for fire, smoke and security and placed at the entrance of a communal building like apartments or flats.

FD30 / FD60 - Fire door ratings indicating the number of minutes the door will resist fire.

Fire Doorset - A doorset specifically designed and tested to resist the spread of fire and smoke for a specified time period.

Flush Door - A door with a smooth surface, free from panels or mouldings.

Frame - The structural part of a doorset that surrounds and supports the door leaf.

FSC - Forest Stewardship Council.

Glazed Doorset - A doorset that incorporates glass panels for light or visibility.

Hardware - The collective term for the mechanical components of a doorset.

IFC - International Fire Consultants, an independent third party testing and certification body.

Intumescent Seal - A seal fitted to the edges of a fire door or its frame that expands when exposed to heat, sealing gaps to prevent the spread of fire and smoke.

Ironmongery - The metal hardware used in doorsets, including locks, handles, hinges, and latches.

ISO - International Organisation for Standardisation: A global organization that develops standards to ensure quality, safety, and efficiency.

Lipping - A strip of wood or other material applied to the edges of a door leaf to protect the core material and improve durability.

NBS - National Building Specification, a technology platform for the construction industry.

NFR - Non-Fire Rated.

PAS 24 - A British standard that certifies doorsets for enhanced security performance, specifically to resist forced entry.

PEFC - Programme for the Endorsement of Forest Certification.

Pre-Hung Doorset - A fully assembled doorset where the door is already hung within the frame, including hinges and hardware.

Q-Mark (BM TRADA) - A third-party certification scheme that tests and certifies the quality and performance of doorsets.

Rebated Door - A door where the edges are stepped to fit tightly with another door or frame.

SBD - Secured by Design: A police initiative that aims to "design out" crime through the use of high-security products.

Sidelight - A vertical glazed panel installed next to a door leaf, often used to provide additional natural light or visibility into a space.

Solid Core Door - A door made from a solid material, such as timber or composite, offering enhanced durability, and sound insulation, compared to hollow-core doors.

Threshold - The bottom part of a door frame or the strip that covers the floor space where the door closes.

UKCA - United Kingdom Conformity Assessed, indicates that a doorset complies with UK regulations and standards related to health, safety, and environmental protection.

UKTC - United Kingdom Testing and Certification for fire testing.

Vision Panel - A small, glazed window incorporated into a door leaf, providing visibility while maintaining safety and privacy.

Weather Seal - A seal fitted to the edges of an external doorset to prevent air, water, and dust ingress.



IF YOU HAVE A PROJECT ENQUIRY YOU WANT TO DISCUSS, PLEASE CONTACT US.

JELD-WEN

0345 122 2891
ukdoorsets@jeldwen.com
JELD-WEN.CO.UK

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