HENDERSON

Design in Motion

Sliding & Folding Door Hardware

2024/5

Volume 1

Our Story

Established in 1921, P C Henderson has over 100 years experience in the design and manufacture of high quality sliding and folding door hardware.

From humble beginnings, P C Henderson began trading from an office based in Essex with 3 employees offering hay carriers and sliding door gear to the agricultural sector. Fast forward 100 years, P C Henderson is now a leading name in the sliding and folding door hardware industry with 4 offices worldwide - UK, Ireland, the Netherlands and China.

Our reputation is built on our vast product range which caters for anything from small sliding cupboards to 8000kg industrial sliding doors. We believe in exceptional product design, rigorous testing and use of high quality materials to produce products which are both functional and aesthetic in design. As such, our products can be seen in a wide variety of applications across the world.

MADE IN BRITAIN®

Why P C Henderson?

As a designer and manufacturer of sliding and folding door hardware since 1921, it's safe to say that our expertise in this area is of the highest standard. Proudly made in the UK, our product range consists of over 40 products suitable for internal and external applications, a range of door materials and options for top hung and bottom rolling support options.

Our customer service and technical support team have exceptional product knowledge to support with product specification for projects of all sizes - even the most complex and ambitious of projects.

Our website contains a wealth of information including datasheets, imagery, installation videos, technical drawings, and fitting instructions as well as a product finder tool to aid our customers in product specification.

Specification & Support

At P C Henderson, our ethos includes the continuous improvement of products and rigorous testing to maintain our market leading position. Working from a foundation of robust market research, all of our products are designed with our customers in mind to develop systems which are both functional and aesthetic, as well as offering easy installation and maintenance.

Research, Design & Development

Certified to ISO 9001, P C Henderson strive to offer the highest quality products using efficient processes, a highly trained team and the finest materials. Our on-site testing facilities shows our commitment to product longevity. Each product is subject to physical testing before launch to achieve in excess of 100,000 cycles (accredited to BS EN 1527). As a result, the majority of our products are covered by a 10 year manufacturer

Product Quality & Testing

Product Matrix

Our brochure is ordered by operation type and door weight - beginning with **sliding hardware** suitable for cupboards and ending with systems capable of moving 8000kg industrial doors. It moves onto **folding hardware solutions** for internal cupboards, wardrobes and partitions weighing up to 125kg and external bifold doors weighing up to 100kg. This is followed by our **specialist systems** which are suitable for unique applications such as automated sliding systems, sliding shutters, multi-directional partitions and round-the-corner applications. Finally, browse our range of **complimentary accessories** to further enhance your hardware system.

Our aim is to make product specification as easy as possible. Each product page contains a wealth of **product information and technical drawings** to help you find the right hardware solution. Some of our systems are available in a handy **kit pack format** which contains all components required for installation. The majority of our kit packs have a step by step **installation video** - look out for the QR code on the product page. Alternatively, many of our products come with an option to specify components individually, allowing for enhanced versatility to create a solution specific to your installation.

Sliding

Product	Type	Application	Operation	Door Material	Max. Door Weight	Page No.
Loretto	Cabinet	Internal	Bottom Rolling	Wood	23kg	12
Zenith	Cabinet	Internal	Bottom Rolling	Glass	25kg	13
Single Top	Wardrobes	Internal	Top Hung	Wood	45kg	14
Double Top	Wardrobes	Internal	Top Hung	Wood	45kg	15
SlideLite 50	Wardrobes	Internal	Bottom Rolling	Wood	50kg	16
Mansion 55	Multi-use	Internal	Bottom Rolling	Wood	55kg	18
Sirocco	Multi-use	Internal	Top Hung	Wood	80kg	19
Pocket Door	Multi-use	Internal	Top Hung	Wood	60kg	20
Marathon	Multi-use	Internal	Top Hung	Wood	90kg	22
Marathon Fire Rated	Multi-use	Internal	Top Hung	Wood	90kg	23
Rustic 100	Multi-use	Internal	Top Hung	Wood	100kg	24
Rustic Top Mount	Multi-use	Internal	Top Hung	Wood	100kg	26
Husky 100	Multi-use	Internal	Top Hung	Wood / Metal	100kg	28
Husky 120 Pro	Multi-use	Internal	Top Hung	Wood / Metal / Glass	120kg	30
Telescopic	Multi-use	Internal	Top Hung	Wood	120kg	34
Pocket Door Pro	Multi-use	Internal	Top Hung	Wood	120kg	36
Pocket Door Pro Fire Rated	Multi-use	Internal	Top Hung	Wood	120kg	38
Sienna	Multi-use	Internal	Top Hung	Wood	120kg	40
Sienna Glass	Multi-use	Internal	Top Hung	Glass	120kg	41
Pacer Glass	Multi-use	Internal	Top Hung	Glass	180kg	42
Pacer Sliding	Multi-use	Internal / External	Top Hung	Wood / Metal	200kg	44
Imperial	Multi-use	External	Bottom Rolling	Wood	200kg	46
Soltaire	Multi-use	Internal / External	Top Hung	Wood / Metal	250kg	48
Stainless Steel	Industrial	Internal / External	Top Hung	Wood / Metal	270kg	50
Flexirol Sliding	Multi-use	Internal / External	Top Hung	Wood / Metal	500kg	52
Flexirol Sliding Glass	Multi-use	Internal	Top Hung	Glass	500kg	54
Straight Sliding	Industrial	Internal / External	Top Hung	Wood / Metal	2000kg	55
Sterling	Industrial	Internal / External	Bottom Rolling	Wood / Metal	8000kg	59
Overhead Runway	Industrial	Internal / External	Top Hung	Bespoke	Bespoke	61

Folding

Product	Type	Application	Operation	Door Material	Max. Door Weight	Page No.
Bifold	Multi-use	Internal	Top Hung	Wood	14kg	64
Huskyfold 30	Multi-use	Internal	Top Hung	Wood	30kg	66
Roomflex 40	Room Divider	Internal	Top Hung	Wood	40kg	68
Roomflex 50	Room Divider	Internal	Top Hung	Wood	50kg	70
Tangent Folding	Garage	Internal / External	Top Hung	Wood	70kg	72
Pacer Folding	Multi-use	Internal	Top Hung	Wood	75kg	74
Soltaire Endfold	Multi-use	Internal	Top Hung	Wood	75kg	76
Soltaire Centrefold	Multi-use	Internal	Top Hung	Wood	75kg	78
Securefold Bottom Rolling	Entrance	External	Bottom Rolling	Wood	80kg	80
Securefold Pro & Ultra	Entrance	External	Top Hung	Wood	100kg	84
Flexirol Folding	Multi-use	Internal / External	Top Hung	Wood / Metal	125kg	88

Specialist

Product	Type	Application	Operation	Door Material	Max. Door Weight	Page No.
Tangent Round-the-Corner	Garage	Internal / External	Top Hung	Wood / Metal	70kg	92
Evolve	Automated	Internal	Top Hung	Wood / Metal / Glass	80kg	94
Evolve Pocket Door Pro	Automated	Internal	Top Hung	Wood	80kg	96
Shutter Slide	Shutters	External	Top Hung	Wood / Metal	120kg	98
Flexirol Multi-Directional	Multi-Directional	Internal	Top Hung	Wood / Metal	500kg	102
Flexirol Multi-Directional Glass	Multi-Directional	Internal	Top Hung	Glass	500kg	104

Accessories

Product	Page No.
Flush Pulls	108
Locks	111
Handles	111
Door Magnets	112
Flush Bolts	113
Bolts	113
Self Close	114

Case Studies

Self-Build Property, Ireland
This impressive self-build bungalow, situated in the beautiful countryside of Aughrim, Co. Wicklow Ireland, had light and space at its heart, right from its inception.

The Brief
The client required a home which provided spacious open plan living that maximised the floor space and provided flexibility for the whole family. Creating both a bright and minimalistic space was key to the build whilst maintaining the option for smaller rooms when needed.

The Solution
Using the P C Henderson Sienna sliding door hardware system with glazed doors, the client was able to create a clear walkway between the living space and the bedrooms. This solution had the added functionality of closing off this walkway when required for cosy living with styling that suited the contemporary décor.

Intercontinental Hotel, Bali
The Taman Gita Restaurant, based in the Intercontinental Hotel in Bali, underwent an extensive refurbishment programme which transformed it into an elegant, contemporary environment.

The Brief
As part of the new design for the restaurant required flexibility between the open kitchen and the dining area. This area had a ceiling height of 5.4m and needed a solution that was easy to operate and robust to withstand high traffic use.

The Solution
Through incorporating our Soltaire sliding door hardware, full ceiling height doors were comfortably supported by the system and operate with minimal effort and low friction.

De Maria Restaurant, Madrid
De Maria Restaurant is a high end luxury restaurant located in the heart of Madrid.

The Brief
The project brief demanded a cost effective, flexible and adaptable solution to effectively divide the restaurant floor area – creating two zones within the large space.

The Solution
Utilising our Flexirol Mutlidirectional hardware, a moving wall was installed into the middle of the saloon using timber doors to match the restaurant's interior design. The doors also discreetly stacked to the side of the opening when not in use.

River Yealm, UK
London based architectural practice, Wimshurst Pelleriti, was appointed to deliver a bespoke boathouse project on the River Yealm in Devon, UK.

The Brief
The architects needed to design a system that balanced both a challenging location (a steep sided river estuary) with the need for large scale storage.

The Solution
Using the P C Henderson Straight Sliding door hardware solution, the innovative infrastructure contained seven sliding door systems which maximised storage space and ensured easy access to the quayside. The straight sliding system has the advantage of being made from corrosive resistant materials, a necessity in a marine environment.
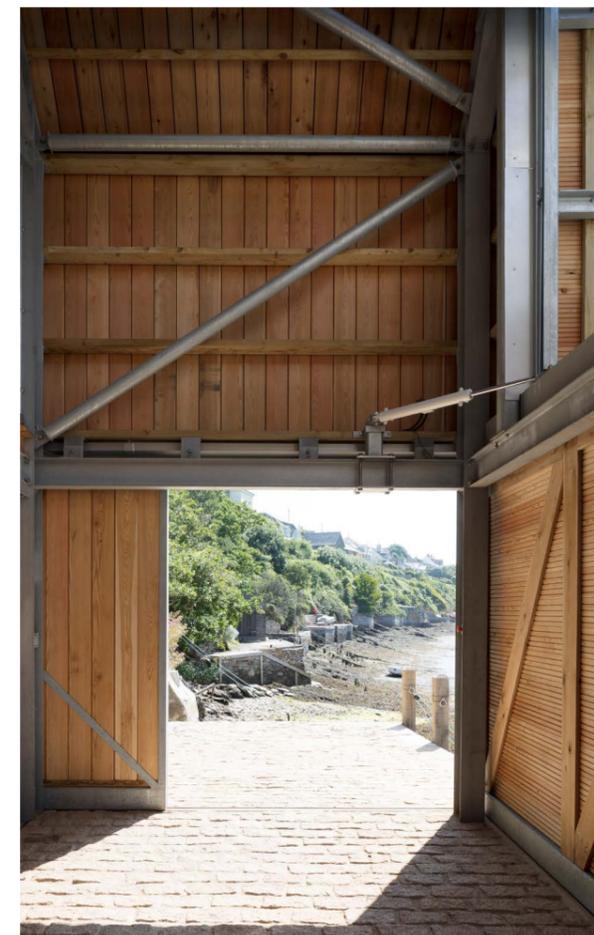
Sliding

Catering for doors weighing up to an impressive 8000kg, our wide range of sliding door hardware systems offer a solution for virtually any type of application or design.

Our industry leading sliding hardware systems have been expertly designed to offer huge versatility in a wide range of applications. For residential and commercial projects, sliding doors are a great way to save space, open up rooms, increase natural light and provide easy access. For industrial applications such as factories, warehouses and agricultural settings – robust hardware and high levels of security are key.

Browse our range of hardware systems for a variety of applications and configurations such as single sliding, bi-parting, soft closing, pocket door, telescopic, fire rated, top hung and bottom rolling. For those all important aesthetic finishes, you have a choice between concealed hardware systems for a sleek and modern design or exposed components for a more traditional and period look.

Range Overview
- Over 28 different systems
- Catering for doors weighing up to 8000kg
- Catering for wood, metal and glass doors
- Available for interior and exterior applications
- Top hung and bottom rolling options
- Fire rated and non fire rated options
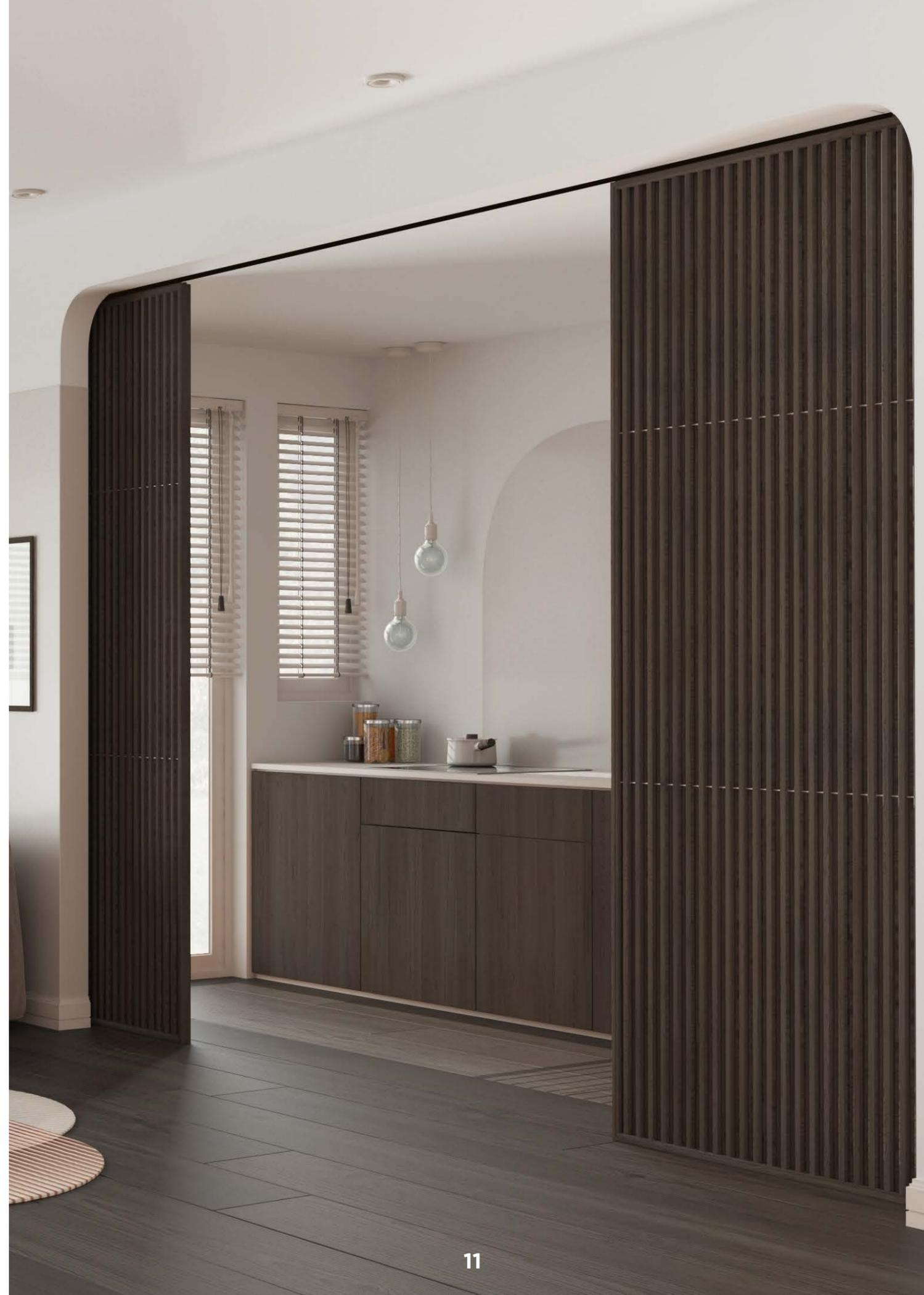
Loretto

For bypassing sliding cupboard doors weighing up to 23kg

Loretto is the perfect partner for bypassing sliding cupboard doors weighing up to 23kg. Designed as a bottom rolling system using nylon guides and rollers on an aluminium track, Loretto offers a smooth and quiet system.

Choose between three kit packs to cater for an opening width of up to 1800mm.

KIT PACK   Max. 23kg   INTERNAL

Product Specification

Product Code	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
D4	2	1200mm	600mm	20 - 45mm	23kg
D5	2	1500mm	750mm	20 - 45mm	23kg
D6	2	1800mm	900mm	20 - 45mm	23kg

Kit Contents

Component	Quantity	Product Code
Top Guide Channel - 1200, 1500 and 1800mm	2	81X/****
Top Guides	4	113/81X
Mortice Fixed Bottom Rollers	4	83N
Bottom Rail - 1200, 1500 and 1800mm	2	80X/****

**** Replace by length of track for full product code

Optional Accessories

Component	Product Code
Surface Mounted Bottom Rollers An alternative to 83N mortice fixed bottom rollers. 2 per door	84N
Door Stop	28P

Product Diagrams

Top Guide Channel **81X**

Guides **113/81X**

Rail **80X**

Bottom Rollers **83N**

10   10   1 m 3 m   30   14   11   32   28   3
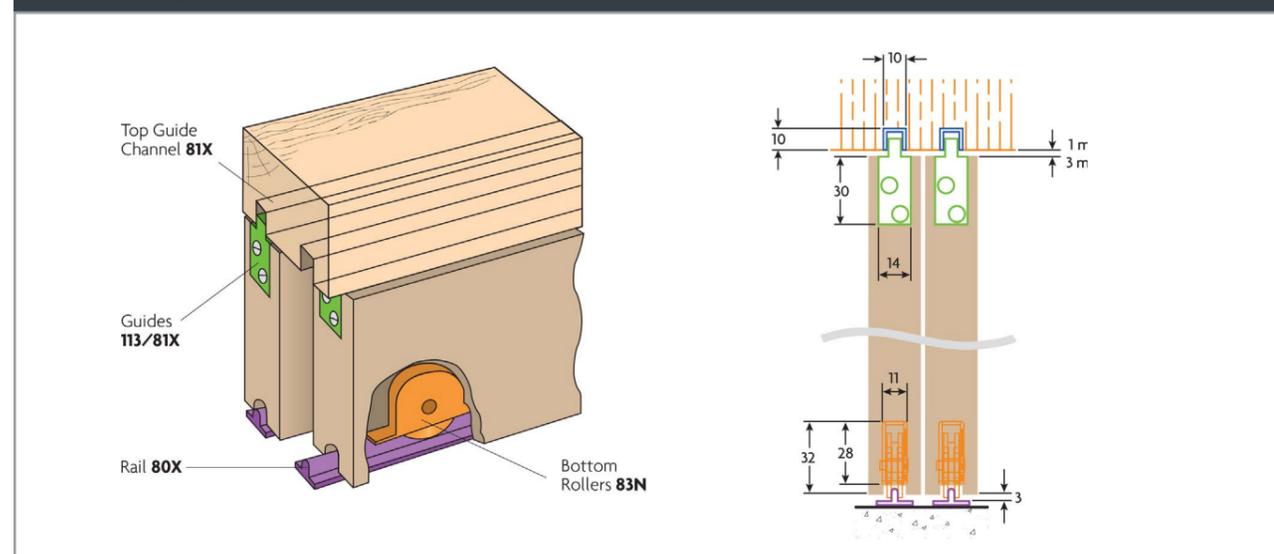
Zenith

For sliding, bypassing glass doors weighing up to 25kg

Zenith is the perfect partner for any showcase, bookcase, display unit, hatch or interior window which utilises bypassing glass panels weighing up to 25kg each and measuring 6mm thick.

The system has been designed with precision-made, anodised aluminium gear and brush pile strips to ensure a smooth and quiet action. Three kits are available to give a maximum opening width of 1800mm.

KIT PACK   Max. 25kg   INTERNAL

Product Specification

Product Code	No. of Doors	Track Length	Max. Door Width	Panel Thickness	Max. Door Weight
Z12	2	1200mm	916mm	6mm	25kg
Z15	2	1500mm	916mm	6mm	25kg
Z18	2	1800mm	916mm	6mm	25kg

Kit Contents

Component	Quantity	Product Code
Top Guide Channel - 1200, 1500 and 1800mm	1	512/****
Glass Rail - 620, 770 and 920mm	2	503/****
Bottom Rollers	4	514/N
End Caps	4	506
Bottom Rail - 1200, 1500 and 1800mm	1	510/****
Glazing Strip	2	509

**** Replace by length of track for full product code

Optional Accessories

Component	Product Code
Aluminium Finger Pull	27
Cylinder Lock	507
Cylinder Lock (Keyed Alike)	507/120

Product Diagrams

Top Guide **512**

Fingerpull **27**

Glass Rail **503**

Bottom Rollers **514N**   Bottom Rail **510**

Endcaps **506**

30   19   H   H - 30   6   16
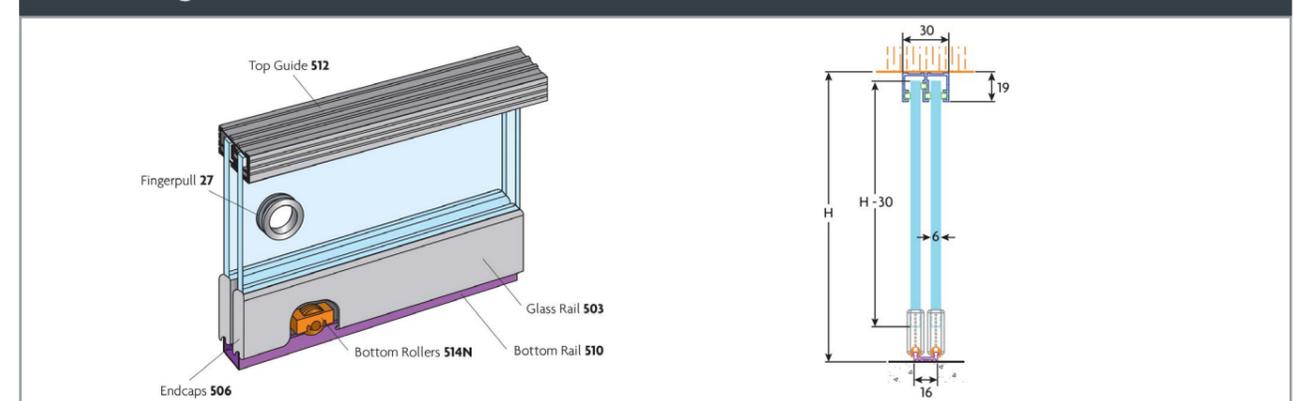
Single Top

For single sliding wardrobe & cupboard doors weighing up to 45kg

Single Top is perfectly suited to single sliding cupboard and wardrobe door applications. Catering for wooden doors weighing up to 45kg, Single Top has been designed to allow for easy installation with surface fixed hangers and floor mounted guide.

Optional accessories include a fittings kit for bi-parting door applications and alternative guide channel options.

KIT PACK   Max. 45kg   INTERNAL

SLIDING

Product Specification

Product Code	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
ST12	1200mm	600mm	16 - 40mm	45kg
ST15	1500mm	750mm	16 - 40mm	45kg
ST18	1800mm	900mm	16 - 40mm	45kg

Kit Contents

Component	Quantity	Product Code
Aluminium Track - 1200, 1500 and 1800mm	1	21A/****
Face Fixed Hangers	2	220
Rubber Buffered Stop	1	28P
Nylon Guide	1	24/24

**** Replace by length of track for full product code

Optional Accessories

Component	Product Code
Additional Door Fittings Kit	ST01
Guide Channel - 1200, 1500 and 1800mm	81X/****
Guide	113/81X

**** Replace by length of track for full product code

Product Diagrams
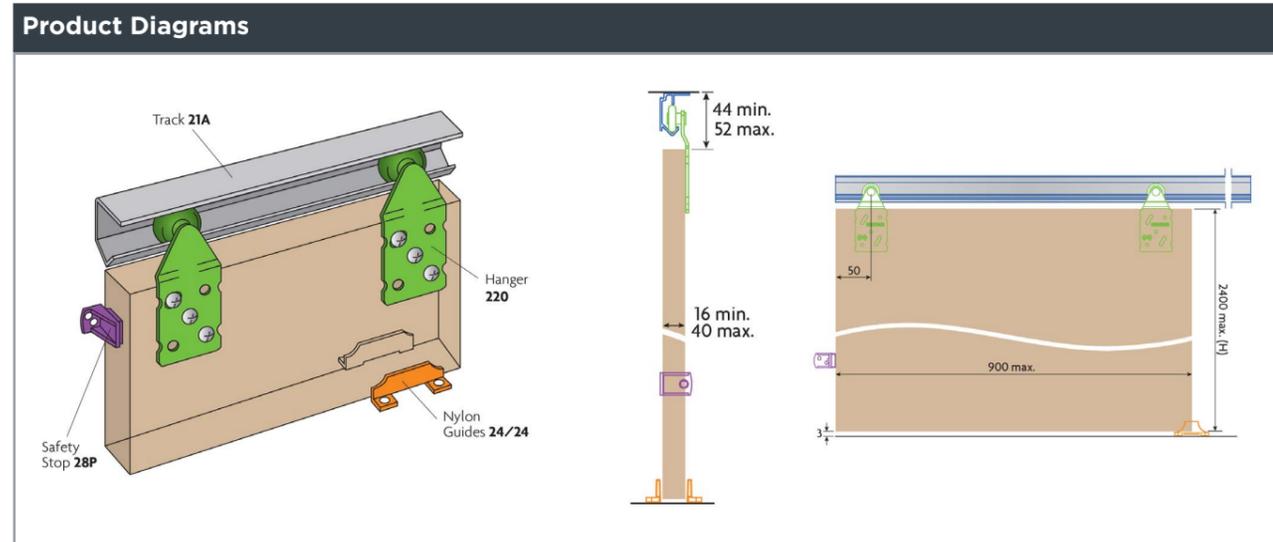
Double Top

For sliding bypassing wardrobe doors weighing up to 45kg

Catering for wooden doors weighing up to 45kg, Double Top supports bypassing sliding doors in wardrobe and cupboard applications.

The system boasts smooth operation, easy lateral adjustment and rapid installation. Four kits are available to cater for various door configurations and opening widths. A fittings kit can be purchased for applications which require additional doors.

KIT PACK   Max. 45kg   INTERNAL

SLIDING

Product Specification

Product Code	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
W12	2	1200mm	525mm	16 - 40mm	45kg
W15	2	1500mm	675mm	16 - 40mm	45kg
W18	2	1800mm	825mm	16 - 40mm	45kg
W24	3	2400mm	900mm	16 - 40mm	45kg

Kit Contents

Component	Quantity	Product Code
Aluminium Track - 1200, 1500, 1800, 2000, 2400 & 300mm	1	20A/****
Outer Offset Hanger	2	220
Inner Offset Hander	2	221
Reversible Handers (W24 only)	2	222
Rubber Buffered Door Stop	1 (2 doors) 2 (3 doors)	28P
Nylon Guide	1 (2 doors) 2 (3 doors)	24/25

**** Replace by length of track for full product code

Optional Accessories

Component	Product Code
1 Door Fittings Kit	W01
2 Door Fittings Kit	W02
Guide Channel - 1200, 1500, 1800, 2400 & 3000mm	81X/****
Guide	113/81X

**** Replace by length of track for full product code

Product Diagrams
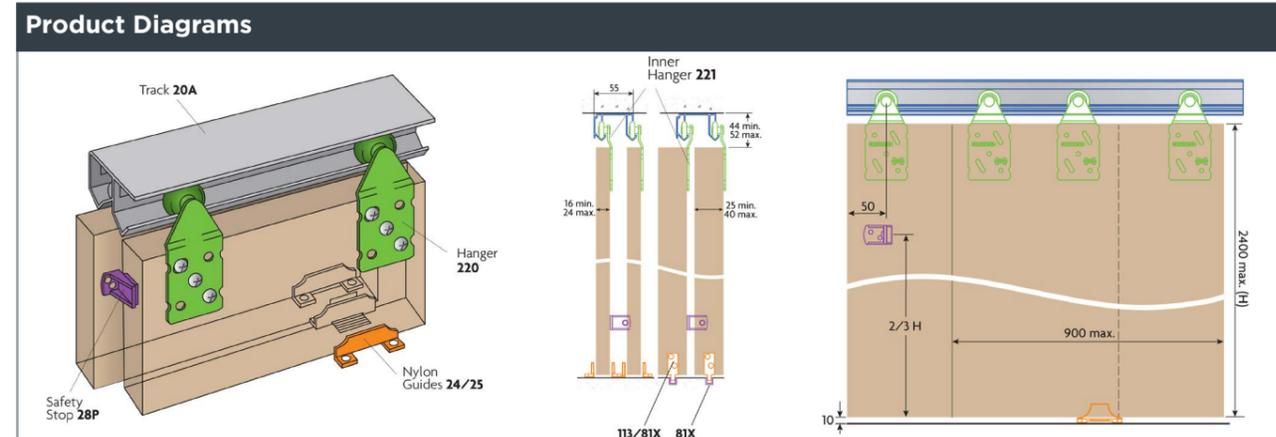
SlideLite 50

Sliding wardrobe system for bypassing doors weighing up to 50kg with dual soft close

KIT PACK

DUAL SOFT CLOSE

Max. 50kg

INTERNAL
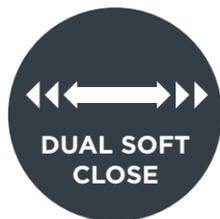
New to the range, SlideLite 50 offers an exceptionally smooth running system for bypassing sliding doors in wardrobe applications. Designed with dual soft-close as standard, SlideLite 50 prevents slamming doors by gently decelerating the door into the open and closed position.

The system boasts quick and easy installation for DIY projects and professional installers alike. For flexibility of installation, rollers can be surface mounted to the door or routed for a professional installation.

Choose between our kit packs for 2 or 3 bypassing doors. A fittings kit is available as an optional accessory for applications where additional doors are required.

Product Specification

Product Code	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
SL18	2	1800mm	900mm	18 - 20mm	50kg
SL24	3	2400mm	900mm	18 - 20mm	50kg

Kit Contents

Component	Quantity
Top Track	1
Bottom Track	1
Roller	8 (2 doors) 12 (3 doors)
Soft Close Damper	4

Optional Accessories

Component	Product Code
1 Door Fittings Kit	SL01

Product Diagrams

FACE FIXED ROLLERS

74
38
14
18
H - 30
H
6
3
6
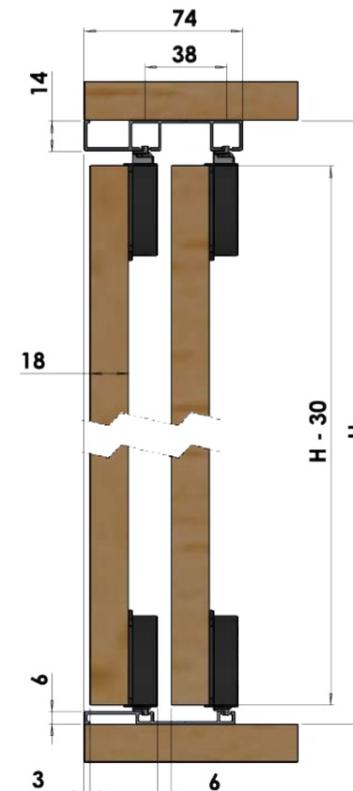
CONCEALED ROLLERS

74
38
14
18
H - 30
H
6
16
18
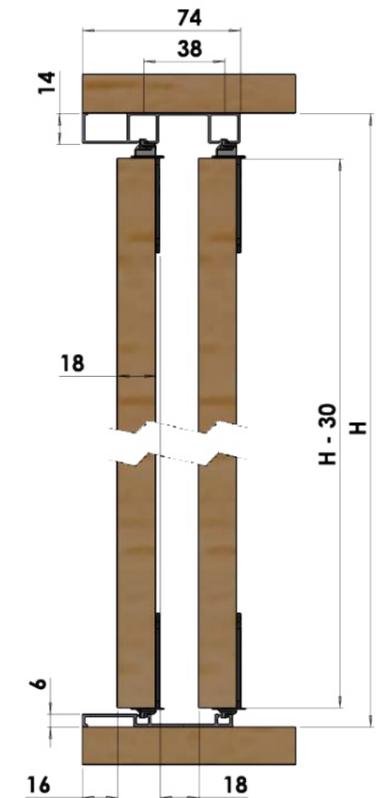
Key

H	Opening Height

ROLLER ROUTING DETAIL

10
78
24
⌀ 52.6
90
45
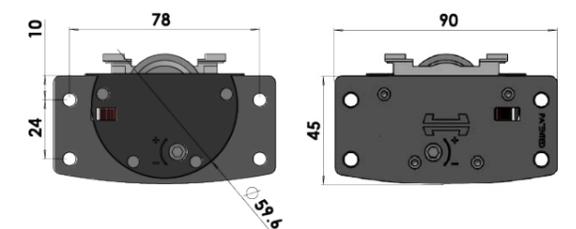
Mansion 55

Bottom rolling hardware system for internal wooden doors up to 55kg

Mansion 55 offers a durable system which is perfectly suited to single sliding, bi-parting or bypassing wooden doors weighing up to 55kg.

The product features a concealed bottom rolling system which enables the weight of the door to be transferred to the floor. As a result, this system is perfect for applications where the ceiling or lintel isn't strong enough to support the weight of the door.

Mansion 55 is specified by individual components to increase the systems versatility.

Max. 55kg

INTERNAL

Product Information

Product Code	Max. Door Width	Door Thickness Range	Max. Door Weight
Mansion 55	1000mm	30 - 57mm	55kg

Product Specification

Component	Description	Product Code
Top Guide Channel	Brass top guide channel - 1500mm and 3000mm	94/****
	Aluminium top guide channel - 1500mm, 2000mm, 2500mm, 3000mm, 4000mm and 6000mm	94X/****
Guides 2 per door	Galvanised steel guide with brass roller	113R/94
	Top guide roller	113N/94
	Concealed nylon guide	106N/94
	Floor mounted guide	DS200/SS
Bottom Rail	Aluminium bottom rail - 1500mm, 2000mm, 2500mm, 3000mm, 4000mm and 6000mm	915A/****
Bottom Roller 2 per door	Nylon wheeled bottom rollers	913N

**** Replace by length of track for full product code

Product Diagrams

SINGLE DOORS

21
20
MIN 30
MAX 57
16
42 36
6 21

BYPASSING DOORS

21
94X
113R/94
MIN 30 MIN 30
MAX 57 MAX 57
16
913N
42
915A
6 21
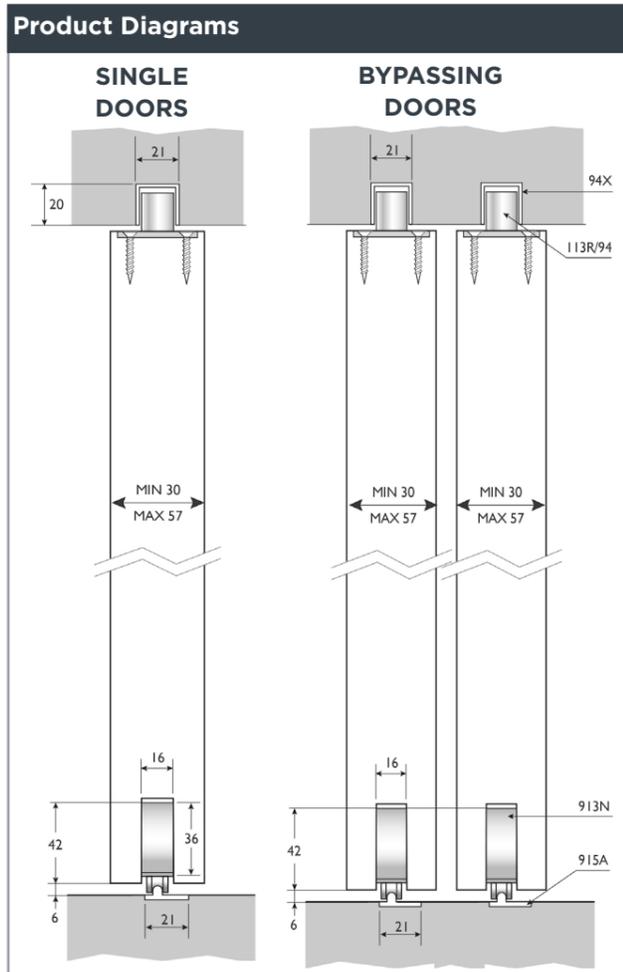
Sirocco

Self-closing system for sliding wooden doors weighing up to 80kg

Sirocco offers a self-closing sliding door system perfectly suited to healthcare applications including hospitals, care homes and disabled access points. Featuring an integrated mechanical self-closing mechanism and an adjustable closing speed setting, Sirocco brings the door to a soft and gentle close.

Catering for wooden doors weighing up to 80kg, Sirocco is available in two kits to cater for right hand and left hand opening.

Optional accessories include a delayed closing timer allowing for adjustment of the time before the self close engages, holding the door open and allowing easy access.

KIT PACK

SELF CLOSE

Max. 80kg

INTERNAL
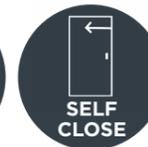
Product Specification

Product Code	Description	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
SIRLH	Left hand	2200mm	1200mm	30 – 46mm	80kg
SIRRH	Right hand	2200mm	1200mm	30 – 46mm	80kg

Optional Accessories

Component	Description	Product Code
Delayed Closing Timer	Left hand	DELLH
Delayed Closed Timer	Right hand	DELRH

Product Diagrams

68
69
150
10 14
470
300 200 150
100 120 120 200
30 Min. 46 Max.
800 Min. 1200 Max.
(SIRLH left hand opening shown)

Opening brake rack
Opening door stop
Closing brake rack
Optional delayed timer
Aluminium track
Opening door stop
Closing door stop
Hydraulic control unit
Power spring unit
Door
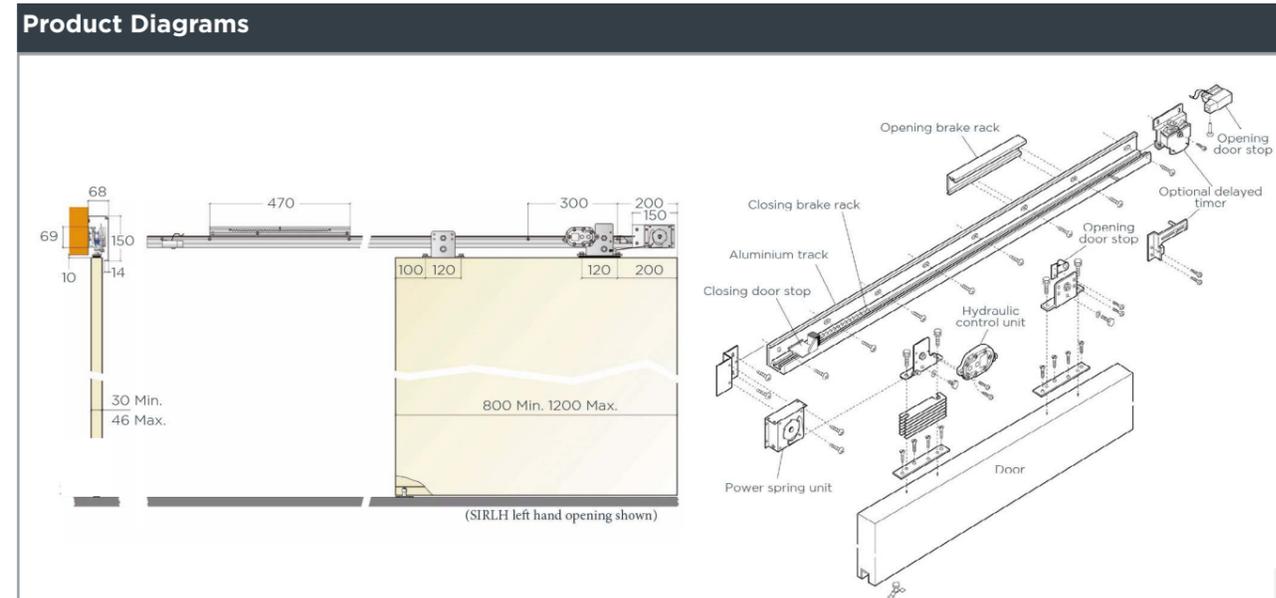
Pocket Door

Sliding pocket door solution that works with cavity walls for doors weighing up to 60kg

Product Specification

Product Code		Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Standard Kit	Dual Soft Close Kit				
PDK3	PDKSOFT3	1981mm	762mm	28 - 44mm	60kg
PDK4	PDKSOFT4	1981mm	838mm	28 - 44mm	60kg
PDK5	PDKSOFT5	2040mm	762mm	28 - 44mm	60kg
PDK6	PDKSOFT6	2040mm	826mm	28 - 44mm	60kg
PDK7	PDKSOFT7	2040mm	726mm	28 - 44mm	60kg
PDK10	PDKSOFT10	2315mm	930mm	28 - 44mm	60kg

Kit Contents

Component	Quantity	Product Code
Track & Header Assembly	1	-
Hangers	2	284
Uprights	4	-
Stud Insert Brackets	2	-
End Brackets	2	-
Clip Stop**	1	601H
Track Stop**	1	287
Guide	1	PD/WRAP
Round Flush Pull Set (Satin)	1	FPR/S
Soft Close*	1	SOFTHP/60

* PDKSOFT kits only   **PDK kits only

Optional Accessories

Component	Product Code
Simultaneous Action Kit For bi-parting pocket door applications. Move one door and the other will move simultaneously.	SIM100

Product Diagrams

Standard Pocket Door kit shown (non soft close)

KIT PACK

DUAL SOFT CLOSE

Max. 60kg

INTERNAL

Pocket Door is a unique sliding door solution whereby the sliding door disappears into a cavity wall upon opening, offering amazing benefits for environments where space is limited such as bathrooms, en suites, kitchens, utility rooms, walk in wardrobes and disability access areas.

Catering for wooden doors weighing up to 60kg, Pocket Door is available as a standard kit or with dual soft close to bring the door to a gentle open and close, preventing slamming. For bi-parting doors, two kits can be used. Each kit comes with a pre-assembled track and header mechanism, hangers, uprights, clip stop, track stop, guide and round satin flush pull set.

For a more professional and robust pocket door solution, please view our Pocket Door Pro on page 36.

SLIDING

Marathon

Robust sliding system for wooden doors weighing up to 90kg

Scan for the Installation Video

As one of our longest standing products, Marathon offers a robust sliding door hardware system designed for wooden doors weighing up to 90kg. It features a one piece ball cage design for a reliable system.
Available in various kit pack options to cater for varying door widths and weights,
Marathon 55 should be chosen for doors weighing up to 55kg and Marathon 90 for doors weighing up to 90kg. For a bi-parting door applications, two kits can be purchased.

Please note: due to the systems design, the track cannot be cut to length.

KIT PACK   **Max. 90kg**   **INTERNAL**

Product Specification

Product	Product Code	Track Length	Door Width Range	Door Thickness Range	Max. Door Weight
Marathon 55	J2	1219mm	400 – 750mm	32 – 50mm	55kg
	J3	1473mm	750 – 900mm	32 – 50mm	55kg
	J4	1702mm	900 – 1050mm	32 – 50mm	55kg
	J5	1981mm	1050 – 1200mm	32 – 50mm	55kg
	J6	2438mm	1200 – 1500mm	32 – 50mm	55kg
Marathon 90	S2	1219mm	400 – 750mm	32 – 50mm	90kg
	S3	1473mm	750 – 900mm	32 – 50mm	90kg
	S4	1702mm	900 – 1050mm	32 – 50mm	90kg
	S5	1981mm	1050 – 1200mm	32 – 50mm	90kg
	S6	2438mm	1200 – 1500mm	32 – 50mm	90kg
	S7	3048mm	1500 – 1800mm	32 – 50mm	90kg
	S8	3226mm	1800 – 2000mm	32 – 50mm	90kg
	S9	4420mm	2000 – 2500mm	32 – 50mm	90kg

Kit Contents

Component	Quantity	Product Code
Steel Track	1	-
Channel 1200, 1500, 1800, 2000 & 2400mm	1	93S/****
Top Assembly	1	-
Nylon Top Plates	2	43
Wall Mounted Stops	2	44
Nylon Floor Guide	1*	102N/93

* 2 nylon floor guides are supplied in the J6, S6, S7, S8 & S9

**** Replace with length for full product code

Product Diagrams
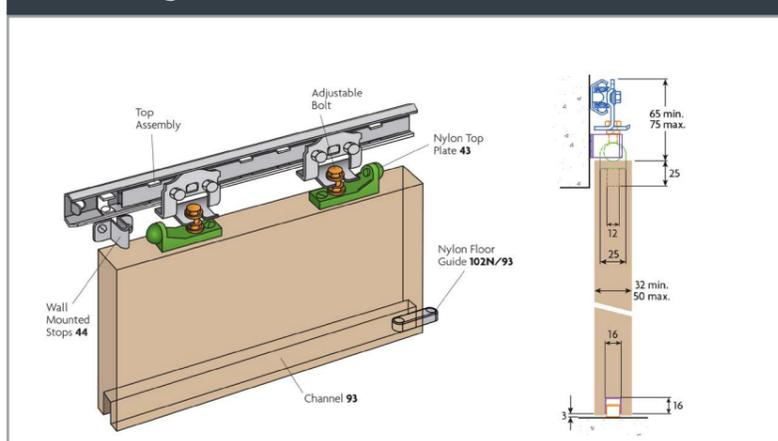
Marathon Fire Rated

Sliding door solution for certified FD30 sliding fire doors weighing up to 90kg

Marathon Fire Rated is suitable for a 30 minute sliding fire door assembly certified to BS476: Part 22: 1987 and should be installed on the non-fire risk side of the aperture. Suitable for use with a certified FD30 fire door, choose between FDK1 self-closing or FDK2 non self-closing system. Please consult your Building Inspector prior to purchase to determine if you require hardware for a self close application.

A Marathon 90 kit should be purchased in conjunction with a Marathon Fire Rated kit.

KIT PACK   **FD30 FIRE RATED**   **Max. 90kg**   **INTERNAL**

Fire Door Kit Specification

Product Code	Description	Fire Rating	Max. Door Width	Max. Door Height	Door Thickness	Max. Door Weight
FDK1	Self Closing	FD30	1500mm	3000mm	44 - 50mm	90kg
FDK2	Non Self Closing	FD30	1500mm	3000mm	44 - 50mm	90kg

Kit Specification - Must be specified in addition to fire door kit

Product	Product Code	Track Length	Door Width Range	Door Thickness Range	Max. Door Weight
Marathon 90	S3	1473mm	750 – 900mm	32 – 50mm	90kg
	S4	1702mm	900 – 1050mm	32 – 50mm	90kg
	S5	1981mm	1050 – 1200mm	32 – 50mm	90kg
	S6	2438mm	1200 – 1500mm	32 – 50mm	90kg

Kit Contents

Component	Quantity FDK1	Quantity FDK2
"Z" Section	1	1
Apron Assembly	2	2
Door Binder - Front Edge	2	2
Door Binder - Back Edge	1	1
Binder - Receiving Plate	1	1
Guide	1	1
Cable Anchor Plate	1	-
Pulley Assembly	1	-
Adjustment Stem and Cable Sub Assembly	1	-
0.5kg Main Weight	5	-
Coined Weights	8	-
Clamp Cleat	1	-

Product Diagrams

SELF CLOSING
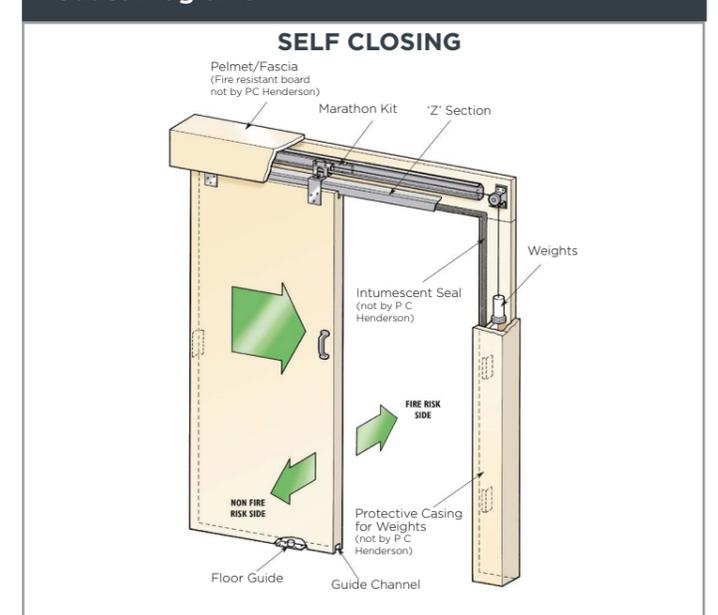
Rustic 100

Sliding door system with beautifully crafted barn style hangers for doors weighing up to 100kg

KIT PACK

DUAL SOFT CLOSE

Max. 100kg
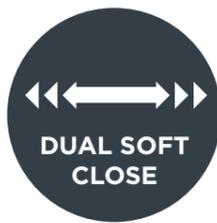
INTERNAL

Rustic 100 is ideal for barn conversions, period properties or simply to bring a unique feature to the home. Suitable for internal wooden doors weighing up to 100kg, the system creates a traditional look with a flat bar track and exposed barn style hangers which fasten to the front of the door. Choose between two stunning finishes - matt black or stainless steel. Each kit comes complete with 2 oval flush pulls.

The system is available as standard or with an included soft stop for single or dual action. The Rustic Soft Stop boasts a discrete design and smooth operation to gently decelerate the door into the open and/or closed position - preventing unwanted slamming. For pre-existing Rustic 100 installations, the Rustic Soft Stop can be easily retrofitted. Please note, when installed with a Rustic Soft Stop, the maximum weight capacity is reduced to 80kg per door.

For bi-parting applications, two kits can be purchased or a 1 door fittings kit can be specified.

Product Specification - Standard Kit

Product Code	Finish	Track Length	Door Width Range	Door Thickness Range	Max. Door Weight
R100/20	Matt Black	2000mm	500 - 1000mm	36 - 46mm	100kg
R100/30	Matt Black	3000mm	500 – 1500mm	36 - 46mm	100kg
R100SS/20	Stainless Steel	2000mm	500 - 1000mm	36 - 46mm	100kg
R100SS/30	Stainless Steel	3000mm	500 – 1500mm	36 - 46mm	100kg

Product Specification - Soft Close Kit

Product Code		Finish	Track Length	Door Width Range	Door Thickness Range	Max. Door Weight
Single Soft Stop	Double Soft Stop					
R80SOFT/20	R80SOFTD/20	Matt Black	2000mm	500 - 1000mm*	36 - 46mm	80kg
R80SOFT/30	R80SOFTD/30	Matt Black	3000mm	500 – 1500mm*	36 – 46mm	80kg
R80SSSOFT/20	R80SSSOFTD/20	Stainless Steel	2000mm	500 - 1000mm*	36 - 46mm	80kg
R80SSSOFT/30	R80SSSOFTD/30	Stainless Steel	3000mm	500 – 1500mm*	36 - 46mm	80kg

* For double soft stop kits, the minimum door width is 762mm

Kit Contents

Component	Quantity
Hangers	2
Door Stops	2
Floor Guide	1
Track	1
Track Wall Spacers	5 (2m kit) 7 (3m kit)
Anti-Jump Cam	2
Oval Flush Pulls (144B or 144S)	2
Rustic Soft Stop	1 (Single Soft Stop Kit) 2 (Double Soft Stop Kit)

Optional Accessories

Component	Product Code
Rustic Soft Stop* - 80kg Max. Door Weight	R80SOFT
1 Door Fittings Kit - Matt Black	R100
1 Door Fittings Kit - Stainless Steel	R100SS

* For soft close AND open, you must purchase 2 x R80SOFT

NOTE: BI-PARTING DOOR APPLICATIONS WITH SOFT CLOSE

Due to fixing locations within the track, bi-parting door applications on one length of 2m or 3m track can only achieve **soft open**.

For double soft stop action (**soft close AND open**), please purchase 2 Double Soft Stop Kits in 2m or 3m lengths.

Product Diagrams

Door Stop   Track   Hanger   Anti-Jump Cam

Opening Height (OH)

Door Width (DW) DW = OW + (40+40)*

Opening Width (OW)

Door Height (DH) DH = (OH+40-7)

Track Centre = DH + 33 + 7 = (DH + 40)

33

A

7

Floor Guide

66

Wall Spacer

125

Anti-Jump Cam

290

33

3

56

40

* PCH Suggests 40mm overlap of the door to the opening
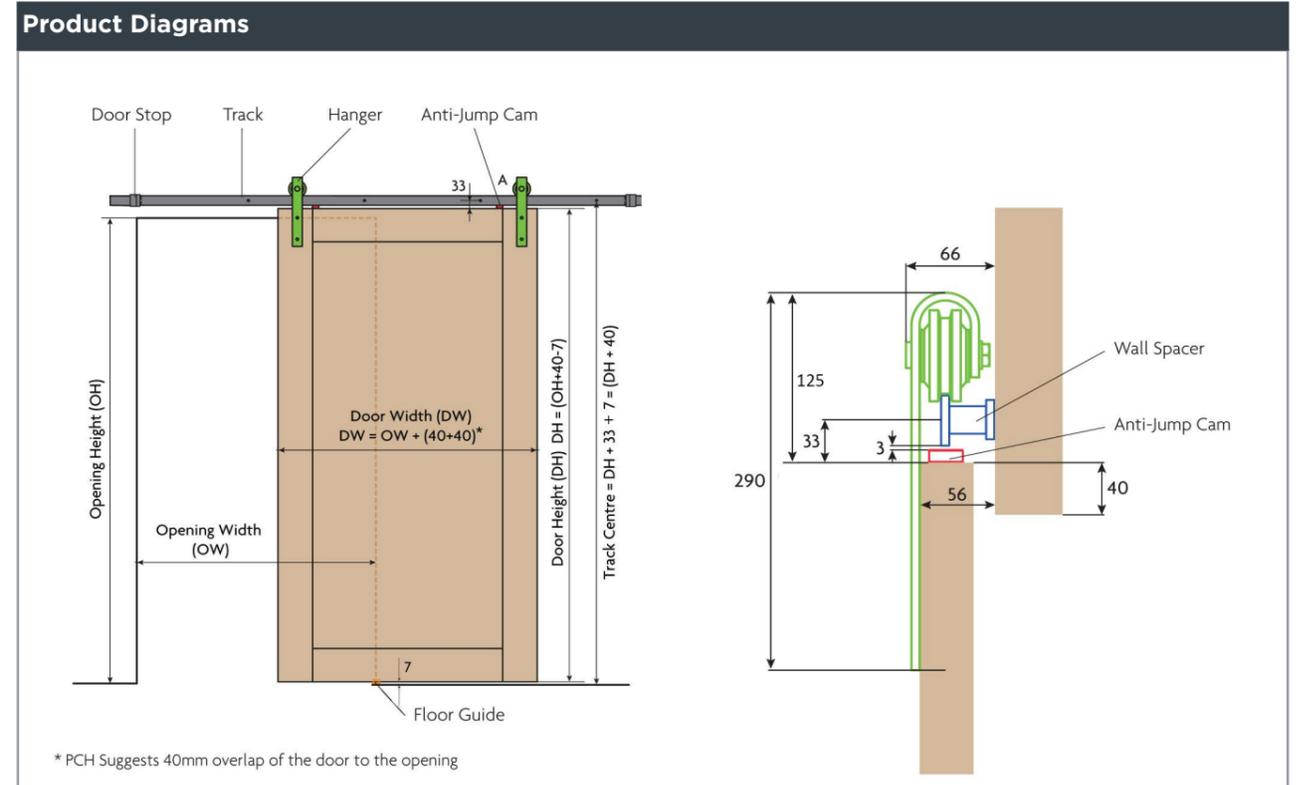
Rustic Top Mount

Sliding door system with top-mounted barn style hangers for doors weighing up to 100kg.

Product Specification - Standard Kit

Product Code	Finish	Track Length	Door Width Range	Door Thickness Range	Max. Door Weight
RTM/20	Matt Black	2000mm	500 – 1000mm	35 – 50mm	100kg
RTM/30	Matt Black	3000mm	500 – 1500mm	35 – 50mm	100kg
RTMSS/20	Stainless Steel	2000mm	500 – 1000mm	35 – 50mm	100kg
RTMSS/30	Stainless Steel	3000mm	500 – 1500mm	35 – 50mm	100kg

Product Specification - Soft Close Kit

Product Code		Finish	Track Length	Door Width Range	Door Thickness Range	Max. Door Weight
Single Soft Stop	Double Soft Stop					
RTMSOFT/20	RTMSOFTD/20	Matt Black	2000mm	500 – 1000mm*	35 – 50mm	80kg
RTMSOFT/30	RTMSOFTD/30	Matt Black	3000mm	500 – 1500mm*	35 – 50mm	80kg
RTMSSSOFT/20	RTMSSSOFTD/20	Stainless Steel	2000mm	500 – 1000mm*	35 – 50mm	80kg
RTMSSSOFT/30	RTMSSSOFTD/30	Stainless Steel	3000mm	500 – 1500mm*	35 – 50mm	80kg

* For double soft stop kits, the minimum door width is 762mm

Kit Contents

| Component	Quantity
Hangers	2
Door Stops	2
Floor Guide	1
Track	1
Track Wall Spacers	5 (2m kit) 7 (3m kit)
Anti-Jump Cam	2
Oval Flush Pulls (144B or 144S)	2
Rustic Soft Stop	1 (Single Soft Stop Kit) 2 (Double Soft Stop Kit)

Optional Accessories

Component	Product Code
Rustic Soft Stop* - 80kg Max. Door Weight	R80SOFT
1 Door Fittings Kit - Matt Black	RTM
1 Door Fittings Kit - Stainless Steel	RTMSS

* For soft close AND open, you must purchase 2 x R80SOFT

**NOTE: BI-PARTING DOOR APPLICATIONS WITH SOFT CLOSE**

Due to fixing locations within the track, bi-parting door applications on one length of 2m or 3m track can only achieve **soft open**.

For double soft stop action (**soft close AND open**), please purchase 2 Double Soft Stop Kits in 2m or 3m lengths.

KIT PACK

DUAL SOFT CLOSE

Max. 100kg

INTERNAL

Rustic Top Mount offers a modern twist on our classic Rustic 100 - with its hangers mounted to the top of the door. Ideal for barn conversions, period properties or as a unique feature in the home, Rustic Top Mount caters for wooden doors weighing up to 100kg and is available in two finishes - matt black or stainless steel. For a quiet and smooth operation, Rustic Top Mount has been designed with nylon rollers and a flat bar track.

The system is available as standard or with an included soft stop for single or dual action. The Rustic Soft Stop boasts a discrete design and smooth operation to gently decelerate the door into the open and/or closed position - preventing unwanted slamming. For pre-existing Rustic Top Mount installations, the Rustic Soft Stop can be easily retrofitted. Please note, when installed with a Rustic Soft Stop, the maximum weight capacity is reduced to 80kg per door.

For bi-parting applications, two kits can be purchased or a 1 door fittings kit can be specified.

Product Diagrams

OPENING HEIGHT (OH)

50

33

DOOR HEIGHT (DH) = (OH +40*-7)

TRACK CENTRE = DH + 33 + 7 = (DH + 40)

DOOR WIDTH (DW)

OPENING WIDTH (OW)

7

DW = OW + 40 + 40
(DW = OW + 80)

61

3,8

118

40

33

28

57

Husky Sliding 100

Versatile sliding system for wooden or metal doors weighing up to 100kg

Scan for the Installation Video

KIT PACK

Max. 100kg

INTERNAL

Husky Sliding 100 offers an extremely versatile hardware system which is suited to many applications including sliding wardrobes, passage doors and room dividers. The system has been designed with easy-to-install components for rapid installation. Cater for wooden or metal doors weighing up to 100kg, Husky Sliding 100 can be both face fixed or soffit fixed for flexibility of installation.

The system is available in various kit packs to cater for door widths up to 1250mm. Each kit is available with a choice of steel or aluminium track. An anodised aluminium track is also available upon request. For bi-parting door applications, a fittings kit should be purchased. For bespoke projects, Husky Sliding 100 can be specified by individual components, contact P C Henderson for more information.

For a more professional sliding system, view our Husky 120 Pro system on page 30.

Product Specification

Product Code		Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
Steel Track*	Aluminium Track*				
H100/15	H100/15A	1500mm	800mm	20 – 50mm	100kg
H100/18	H100/18A	1800mm	950mm	20 – 50mm	100kg
H100/20	H100/20A	2000mm	1050mm	20 – 50mm	100kg
H100/24	H100/24A	2400mm	1250mm	20 – 50mm	100kg

* Anodised aluminium track available upon request

Kit Contents

Component	Quantity	Product Code	
		Steel Track	Aluminium Track
Track - 1500, 1800, 2000 & 2400mm	1	280/****	280A/****
Face Fixed Jointing Brackets	2	-	281AX
Faced Fixed Brackets	5 or 8	281	281A
Hangers*	2	284	284
Guide	1	102N	102N
Clip Stop	1	601H	601H
Track Stop	1	287	287

****Replace by length of track for full product code
*For metal doors, 285 hangers must be specified.

Optional Accessories

Component	Product Code
1 Door Fittings Kit	H100
Hanger for Metal Doors	285
Simultaneous Action Kit - Suitable for bi-parting doors. Move one door and the other will move simultaneously.	SIM100

Product Diagrams
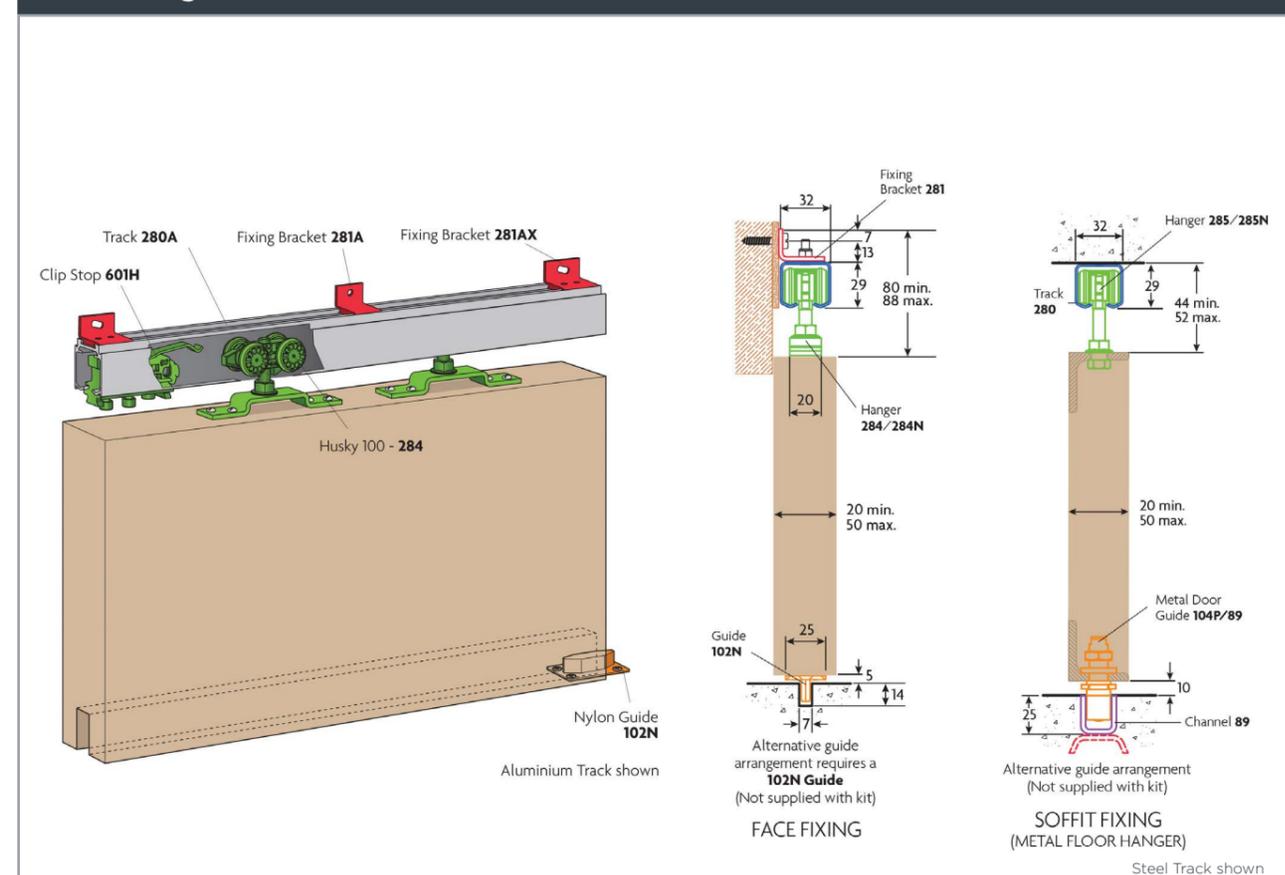
Husky 120 Pro

High performing, professional sliding door system for wooden or metal doors weighing up to 120kg
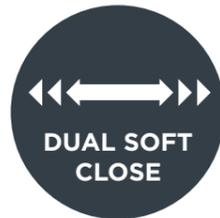
Husky 120 Pro is a high performing, professional level sliding system ideally suited to sliding wardrobes, passage doors and room dividers. Catering for wooden and metal doors weighing up to 120kg, the system has been designed to offer an exceptionally smooth operation which also boasts easy installation and low initial friction.

Husky 120 Pro is available in kit pack format and can be face fixed or soffit fixed to suit your application. For bi-parting door applications, a fittings kit can be purchased. Alternatively, Husky 120 Pro can also be specified as individual components.

To further enhance our Husky 120 Pro system, view our accessories on pages 32 to 33.

KIT PACK

DUAL SOFT CLOSE

Max. 120kg

INTERNAL

Kit Pack Specification

Product Code	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
HP120/15A	1500mm	800mm	20 – 45mm	120kg
HP120/18A	1800mm	950mm	20 – 45mm	120kg
HP120/20A	2000mm	1050mm	20 – 45mm	120kg
HP120/25A	2500mm	1250mm	20 – 45mm	120kg
HP120/30A	3000mm	1500mm	20 – 45mm	120kg

Kit Contents

Component	Quantity	Product Code
Track - 1500, 1800, 2000, 2500 & 3000mm	1	280HP/**AN
Hangers	2	284HP
Wall Brackets	Varies	281HP
End Caps	2	280EC
Clip Stop	2	601HP
Guide	1	102N

**Replace with length of track for full product code (For example, 1500mm = 15, 1800mm = 18)

Product Diagrams

FACE FIX   **SOFFIT FIX**

43 | 34 MAX 24 MIN | 70 MAX 63 MIN | 37 | 64 MAX 57 MIN

13 MIN

2700 MAX

12 MAX 5 MIN

Optional Accessories

Component	Description	Product Code
Fittings Kit	1 Door Fittings Kit	HP120
Fascia	SnapFit face fixed fascia - 1800, 2000, 3000, 4000 and 6000mm	SFF/FF/****A
Fascia	SnapFit soffit fixed fascia - 1800, 2000, 3000, 4000 and 6000mm	SFF/SF/****A
Hanger	Hanger for metal doors	285HP
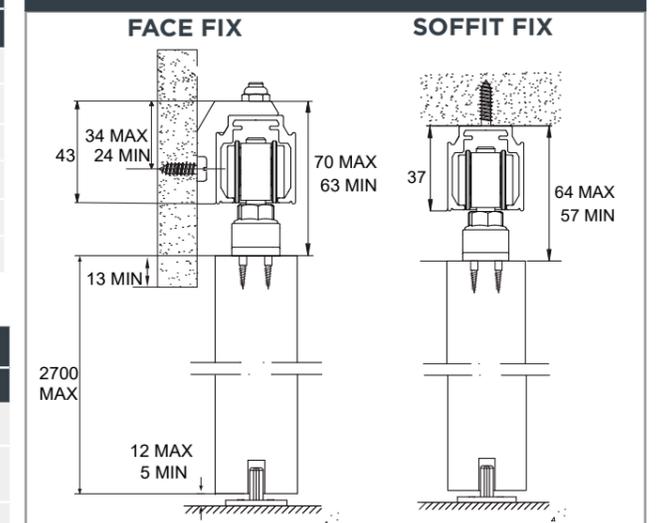
Product Information - use the below tables when specifying parts individually

Product	Max. Door Width	Door Thickness Range	Max. Door Weight
Husky 120 Pro	3000mm	20 – 45mm	120kg

Product Specification

Component	Description	Product Code
Track	Anodised aluminium track - 1500, 1800, 2000, 2500, 3000, 4000 and 6000mm	280HP/**AN
End Caps	Track end caps	280EC
Hangers	Hanger for wooden doors	284HP
Hangers	Hanger for metal doors	285HP
Wall Brackets	For face fixed applications	281HP
Clip Stop	Clip stop	601HP
Guide	Nylon floor guide	102N
Guide	Concealed fixing guide for wood or metal doors	106N/94
Guide Channel	Aluminium guide channel - 1500, 2000, 2500, 3000, 4000 and 6000mm	94X/****
Fascia	SnapFit face fixed fascia - 1800, 2000, 3000, 4000 and 6000mm	SFF/FF/****A
Fascia	SnapFit soffit fixed fascia - 1800, 2000, 3000, 4000 and 6000mm	SFF/SF/****A

**Replace with length of track for full product code (For example, 1500mm = 15, 1800mm = 18)

Husky 120 Pro Accessories

Husky 120 Pro Soft Close

Suitable for wooden and metal sliding doors weighing up to 120kg, our new Dual Soft Close prevents unwanted slamming by gently decelerating the door and pulling it into its stationary position, increasing the overall longevity of the product.

The soft close is extremely easy to install. Once installed, the soft close is concealed within the track for a discreet finish.

Please note: Husky 120 Pro kit must be purchased in addition to the Soft Close.

Product Code	Door Width Range	Door Weight Range
SOFTHP/60	600 - 950mm	10 - 60kg
SOFTHP/120	600 - 950mm	60 - 120kg
SOFTHP/WD	950 - 2500mm	20 - 120kg

Husky 120 Pro Simultaneous Action

Catering for wooden doors weighing up to 120kg, our Simultaneous Action kit allows for the synchronised opening of bi-parting doors. Open or close one door and the other will move simultaneously.

Please note: Husky 120 Pro kit must be purchased in addition to the Simultaneous Action kit.

Product Code	Door Thickness Range	Max. Door Width	Door Weight Range
SIMHP120	25 - 50mm	1250mm	25 - 120kg

Compact 120

The Compact 120 Low Headroom kit has been designed with discreet and concealed components which are routed into the top of the door - reducing the clearance between the track and top of the door to 2mm.

Catering for wooden doors weighing up to 120kg, Compact 120 is suitable for applications with restricted headroom or seeking a minimalistic finish or floor to ceiling sliding doors.

Please note: Husky 120 Pro Kit must be purchased in addition to the Compact 120.

Product Code	Min. Door Thickness	Max. Door Weight
CP120	35mm	120kg

Husky 120 Pro

Accessories

Husky 120 Pro Glass Patch Kit

The Husky 120 Pro Glass Patch kit allows Husky 120 Pro to be used with 10mm or 12mm glass panels weighing up to 100kg. The kit has been designed with patches which fix to the glass and requires the glass panel to be machined prior to installation.

Designed with aesthetics and functionality at the forefront, Husky 120 Pro Glass Patches are easy to install.

Please note: Husky 120 Pro kit and must be purchased in addition to the kit.

Component	Product Code	Glass Thickness	Door Weight Range
Husky 120 Glass Patch kit	GP100	10mm or 12mm	25 - 100kg

Husky 120 Pro Glass Clamp Kit

Husky 120 Pro Glass Clamps offers a sliding solution for lightweight glass panels weighing up to 75kg. The system has been designed with glass clamps which mount the glass and therefore does not require any machining.

The clamps are available in various options to cater for glass panels which are 8mm, 10mm or 12mm thick.

Please note: Husky 120 Pro kit and must be purchased in addition to the kit.

Component	Product Code	Max Panel Width	Glass Thickness	Max. Panel Weight
Husky Glass Clamp Kit	8/HY/75		8mm	
	10/HY/75	1250mm	10mm	75kg
	12/HY/75		12mm	

Telescopic

For sliding telescopic doors weighing up to 120kg
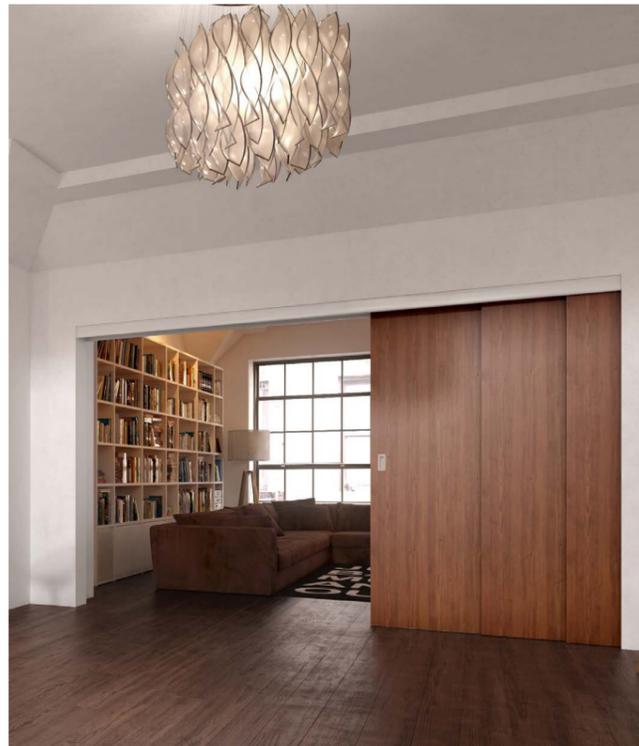
Telescopic is a unique sliding door solution designed with a toothed belt and pulley system to link the doors together. By moving the lead door, all other doors travel simultaneously.

The Telescopic range is perfect for wide openings to create room dividers or partition doors. When open, the doors neatly stack to one or both sides of the opening to offer a walkway free of obstruction.

Telescopic is available in kit pack format to create various door configurations. Opt for Husky Telescopic for residential applications and Soltaire Telescopic for commercial projects. Please note: the track must be purchased in addition to the kit.

KIT PACK | **Max. 120kg** | **INTERNAL**

Product Kit Specification

Product Code		No. of Doors	Door Width Range	Door Thickness Range	Max. Door Weight
Husky Telescopic	Soltaire Telescopic				
TELHP120/2	TEL120/2	2	500 - 1200mm	32 - 47mm*	120kg
TELHP120/3	TEL120/3	3	500 - 1200mm	32 - 47mm*	120kg
TELHP120/4SIM	TEL120/4SIM	4 (2+2)	500 - 1200mm	32 - 47mm*	120kg

* The minimum door thickness for Soltaire Telescopic is 35mm

Track Specification - Must be purchased in addition to the kit

Product	Description	Product Code
Husky Telescopic	Anodised aluminium track - 1500, 1800, 2000, 2500, 3000, 4000 and 6000mm	280HP/**AN
Soltaire Telescopic	Anodised aluminium track - 1500, 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	120/****

**Replace by length of track for full product code (For example, 1500mm = 15, 1800mm = 18)   ****Replace by length of track for full product code

Kit Contents

Component	2 Door Kit	3 Door Kit	4 Door Kit
Hanger	4	6	8
Clip Stop / Track Stop	2	2	2
Short Wheel Assembly	1	2	2
Long Wheel Assembly	1	2	2
Belt Retain Block	1	2	4
Pulley Wheel	-	-	2
Toothed Belt	3 metres	6 metres	20 metres
Datum Block	1	1	2
Fixed Floor Guide	1	1	2
Adjustable Floor Guide	1	2	2
Belt Clamp	3	6	10

Track Specification

No. of Doors	No. of Tracks Required
2	2
3	3
4 (2+2)	2

Product Diagrams

2 DOOR

$APP = (2 \times DW) - (2 \times OL)$

$OL = 70mm$ (PCH RECOMMENDATION)

$APP = 2 \times DW - 140$

3 DOOR

$APP = (3 \times DW) - (3 \times OL)$
$OL = 70mm$ (PCH RECOMMENDATION)
$APP = 3 \times DW - 210$

OR

$DW = \dfrac{(3 \times OL) + APP}{3}$

4 DOOR

$DW = \dfrac{(4 \times OL) + APP}{4}$
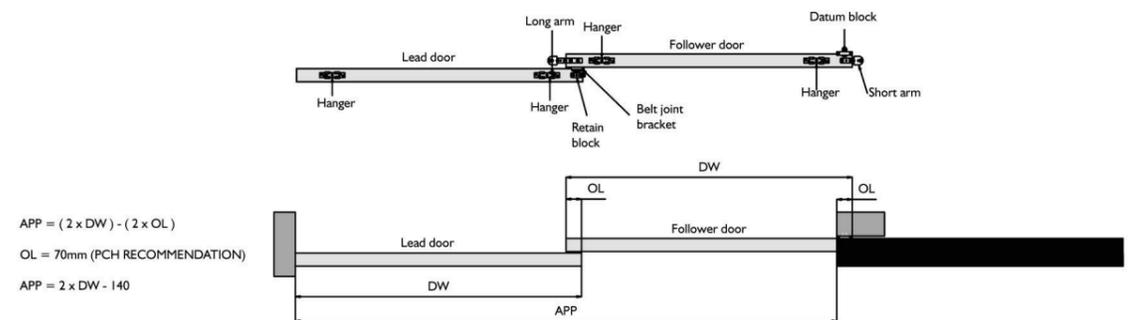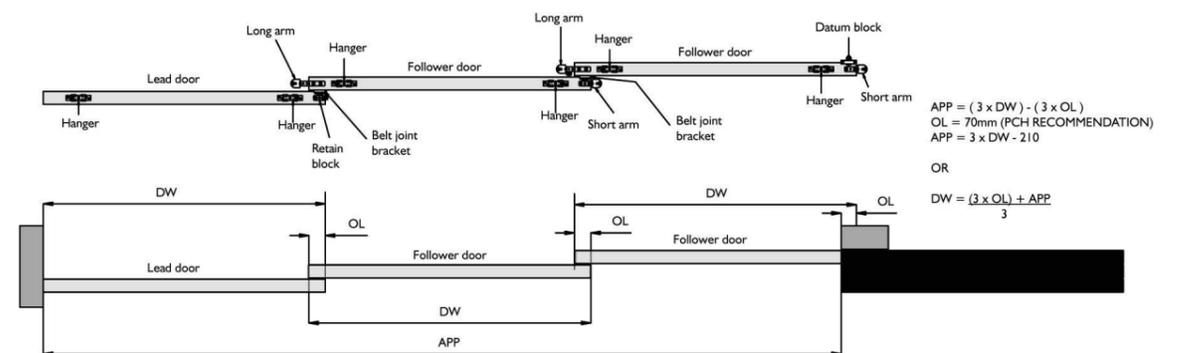
$OL = 70$ PCH RECOMMENDATION
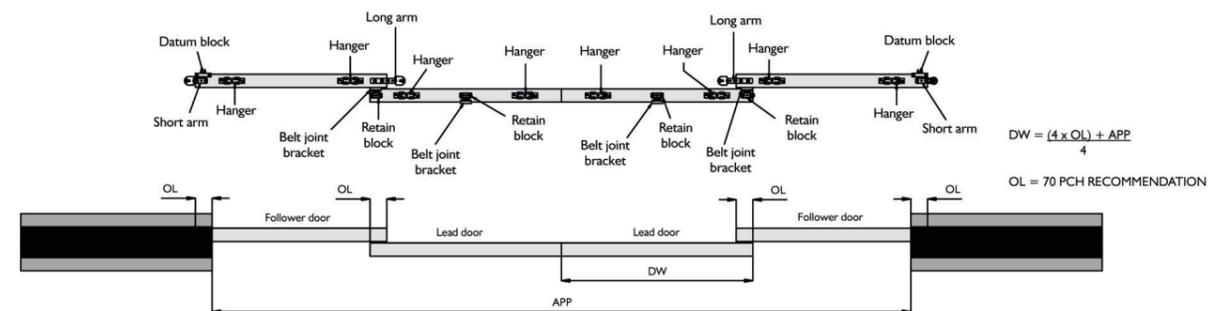
Key

DW	Door Width
OL	Overlap of Doors
APP	Max. Clear Opening Width

$DW = ((4 \times OL) + APP) / 4$

PCH Recommend OL = 70mm
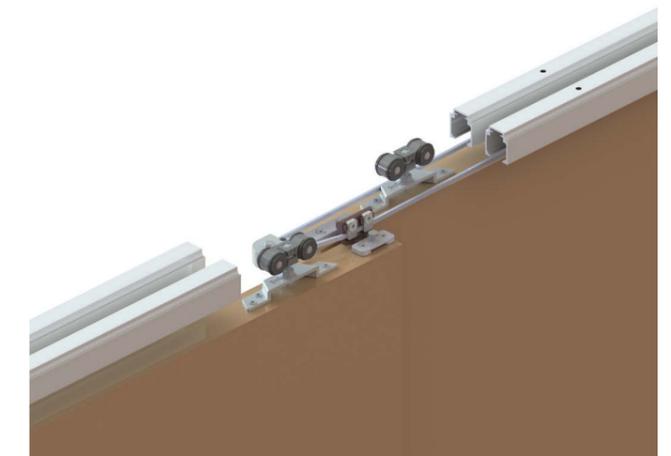
Pocket Door Pro

Professional sliding door solution for cavity walls with doors weighing up to 120kg

Pocket Door Pro offers a professional hardware system that allows doors to effortlessly slide into a cavity wall - perfect for saving space in homes, apartments, educational buildings, hospitals, hotels and office blocks.

The system has been designed to allow for easy installation with a high-quality aluminium cavity frame which comes with push together parts. The track has also been designed with an extension piece, allowing access to components within the track after installation for easy door removal.

Catering for doors weighing up to 120kg, Pocket Door Pro comes in 7 kit options to suit standard doors sizes. Kits can be cut to length to cater for non standard sizes. For bi-parting doors, two kits can be purchased.

The kit can be further enhanced with a timber liner kit for an aesthetic and professional finish, a dual soft close to prevent unwanted slamming and a simultaneous action kit for the movement of bi-parting doors.

This system is also available for FD30 rated fire doors, please view page 38.

KIT PACK | **DUAL SOFT CLOSE** | **Max. 120kg** | **INTERNAL**
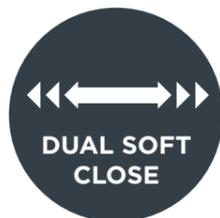
Product Specification

Product Code	Max. Door Width	Max. Door Height	Door Thickness Range	Max. Door Weight	Finished Wall Thickness
PDKPROH1	610mm	1981mm	35 - 45mm	120kg	120mm or 125mm
PDKPROH2	686mm	1981mm	35 - 45mm	120kg	120mm or 125mm
PDKPROH3	762mm	1981mm	35 - 45mm	120kg	120mm or 125mm
PDKPROH4	838mm	1981mm	35 - 45mm	120kg	120mm or 125mm
PDKPROH6	826mm	2040mm	35 - 45mm	120kg	120mm or 125mm
PDKPROH7	726mm	2040mm	35 - 45mm	120kg	120mm or 125mm
PDKPROH10	930mm	2315mm	35 - 45mm	120kg	120mm or 125mm

Optional Liner Kit

Product Code		Max. Door Thickness	Finished Wall Thickness
Single Doors	Bi-parting Doors		
LKH/120	BILKH/120	45mm	120mm
LKH/125	BILKH/125	45mm	125mm

Optional Dual Soft Close

Product Code	Door Thickness Range	Door Weight Range
SOFTHP/60	600 - 950mm	10 - 60kg
SOFTHP/120	600 - 950mm	60 - 120kg
SOFTHP/WD	950 - 2500mm	20 - 120kg

Optional Accessories

Component	Product Code
Simultaneous Action Kit For bi-parting pocket door applications. Move one door and the other will move simultaneously.	SIMHP120

Kit Contents

Component	Quantity	Product Code
Aluminium Track	1	280HP/**AN
Aluminium Uprights	4	-
Hangers	2	284HP
Fixing Plate	4	-
Clip Stop	2	601HP
Noggin	2 (x4 for PDKPROH10)	-
Floor Bracket	2 (x4 for PDKPROH10)	-
Guide	1	102N
Extension Piece	1	-
Spacer Plate	4	-

Product Diagrams

Door height +65mm

OW = (Door width x 2) +30

80

OH

PH = OH - 80
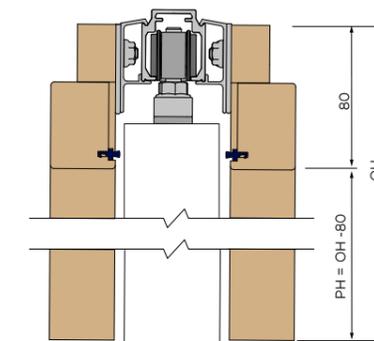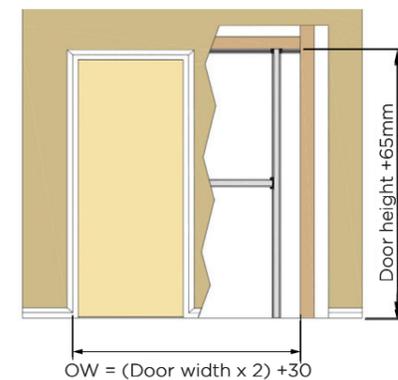
Key

OW	Opening Width
PH	Passage Height
OH	Opening Height
PW	Passage Width
DW	Door Width
FWT	Finished Wall Thickness

OW = (Door width x 2) +30

12.50

FWT

35-45mm

PW = DW - 50
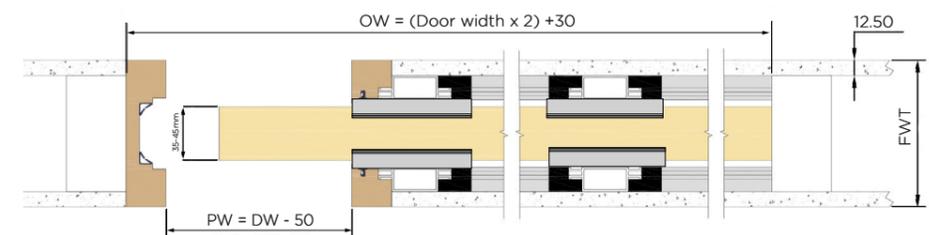
Opening Size Guide - Single Door

Product Code	Approximate Passage Size (H x W)	Cavity Thickness	Finished Wall Thickness
PDKPROH1	1966mm x 560mm	95mm or 100mm	120mm or 125mm
PDKPROH2	1966mm x 636mm	95mm or 100mm	120mm or 125mm
PDKPROH3	1966mm x 712mm	95mm or 100mm	120mm or 125mm
PDKPROH4	1966mm x 788mm	95mm or 100mm	120mm or 125mm
PDKPROH6	2025mm x 776mm	95mm or 100mm	120mm or 125mm
PDKPROH7	2025mm x 676mm	95mm or 100mm	120mm or 125mm
PDKPROH10	2300mm x 880mm	95mm or 100mm	120mm or 125mm

Pocket Door Pro Fire Rated

Fire rated pocket door hardware solution certified to FD30 standards

Pocket Door Pro Fire Rated offers a sliding solution for both single and bi-parting doors which has been certified to FD30 standards. The system has been tested as part of a 30 minute fire door assembly to BS 476:Part 22:1987 and BS EN 1634-1:2014 + A1:2018.

Catering for doors weighing up to 120kg, Pocket Door Pro Fire Rated **must be specified in two parts to combine the certified Fire Rated Liner kit and the Pocket Door Pro hardware kit.** The liner kit contains intumescent seals and is made out of high quality finger jointed redwood. The Pocket Door Pro system is available in a kit pack format which can be cut to size to suit your door height and width. A solid core FD30 timber based fire door should be fitted with this system.

The system has been designed to ensure easy installation and system maintenance as a priority with a high quality aluminium frame which comes with push together parts and a track extension piece which allows access to the components within the track after installation.

For bi-parting systems, two Pocket Door Pro hardware kits and a bi-parting liner kit should be purchased.

KIT PACK

FD30 FIRE RATED

Max. 120kg

INTERNAL

Product Kit Specification - Pocket Door Pro Fire Rated Kit

Product Code	Door Width Range	Door Height Range	Door Thickness	Max. Door Weight	Finished Wall Thickness
PDKPRO/FIRE	610 - 930mm	1981 - 2315mm	45mm	120kg	140mm or 145mm

Liner Kit - Must be specified in addition to the Pocket Door Pro Fire Rated kit

Product Code		Max. Door Thickness	Finished Wall Thickness
Single Doors	Bi-parting Doors		
LKFD30/120	BIFD30/120	45mm	140mm or 145mm
LKFD30/125	BIFD30/125	45mm	140mm or 145mm

Product Diagrams

Finished Wall Thickness Calculation

To ensure compliance to BS 476 Part 22 and BS EN 1634, 12.5mm of extra fire rated board should be applied to either side of the cavity when using a fire rated liner kit. This brings the finished wall thickness to 145mm or 150mm.
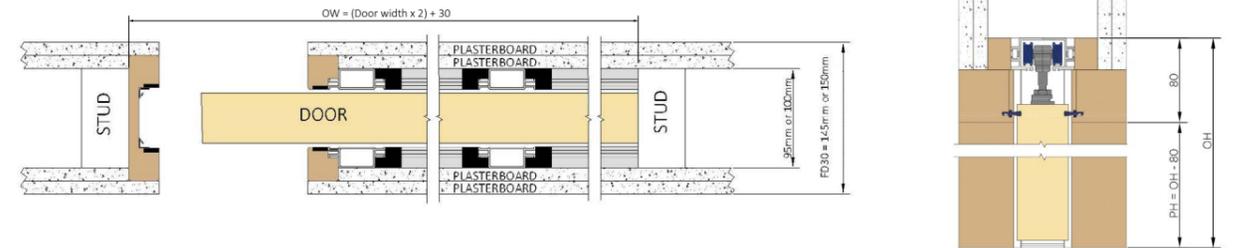
145mm Finished Wall Thickness
95mm cavity + 12.5mm plasterboard either side = 120mm + 12.5mm additional fire rated board either side = 145mm finished wall thickness

150mm Finished Wall Thickness
100mm cavity + 12.5mm plasterboard either side = 125mm + 12.5mm additional fire rated board either side = 150mm finished wall thickness
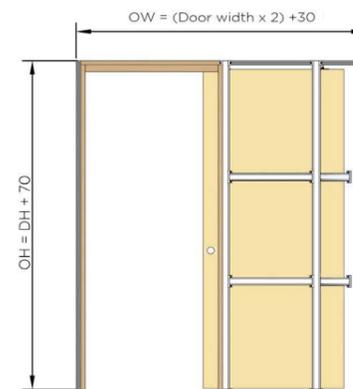
Single Doors

Bi-Parting Doors
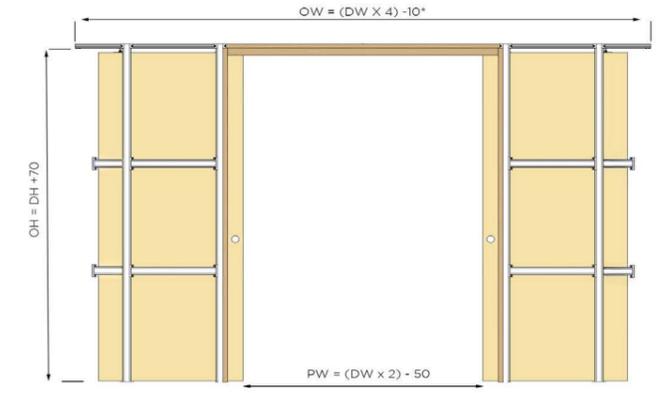
Key

OW	Overall Width
DH	Door Height
PH	Opening Height
FWT	Finished Wall Thickness
OH	Opening Height
DW	Door Width
PW	Passage Width

Opening Size Guide - Single Door

Door Size	Approximate Passage Size (H x W)	Cavity Thickness	Finished Wall Thickness
1981mm x 610mm	1966mm x 560mm	95mm or 100mm	120mm or 125mm
1981mm x 686mm	1966mm x 636mm	95mm or 100mm	120mm or 125mm
1981mm x 762mm	1966mm x 712mm	95mm or 100mm	120mm or 125mm
1981mm x 838mm	1966mm x 788mm	95mm or 100mm	120mm or 125mm
2040mm x 826mm	2025mm x 776mm	95mm or 100mm	120mm or 125mm
2040mm x 726mm	2025mm x 676mm	95mm or 100mm	120mm or 125mm
2315mm x 930mm	2300mm x 880mm	95mm or 100mm	120mm or 125mm

Sienna

Stainless steel sliding system for wooden doors weighing up to 120kg

Sienna is a high quality, elegant sliding system which caters for doors weighing up to 120kg. The system has been designed with brushed stainless steel components including a tubular track and top mounted hangers which fix to the top of the door.

Sienna must be specified in two parts - the kit and track must be purchased separately to allow for flexibility of opening width. Two kits should be purchased for bi-parting door applications.

KIT PACK **Max. 120kg** **INTERNAL**

Product Specification

Product Code	Door Width Range	Door Thickness Range	Max. Door Weight
SN120T	500 - 2500mm	30 - 70mm	120kg

Track Specification - Must be purchased in addition to kit

| Description	Product Code
25mm stainless steel tubular track available - 2000, 2500, 3000, 3500, 4000 and 6000mm. Comes complete with correct number of brackets.	25/****T

**** Replace by length of track for full product code

Kit Contents

Component	Quantity	Product Code
Hangers	2	-
Door Stops	2	25/UDS
Guide	1	101SS
Bar End Caps	2	25/EC

Product Diagrams
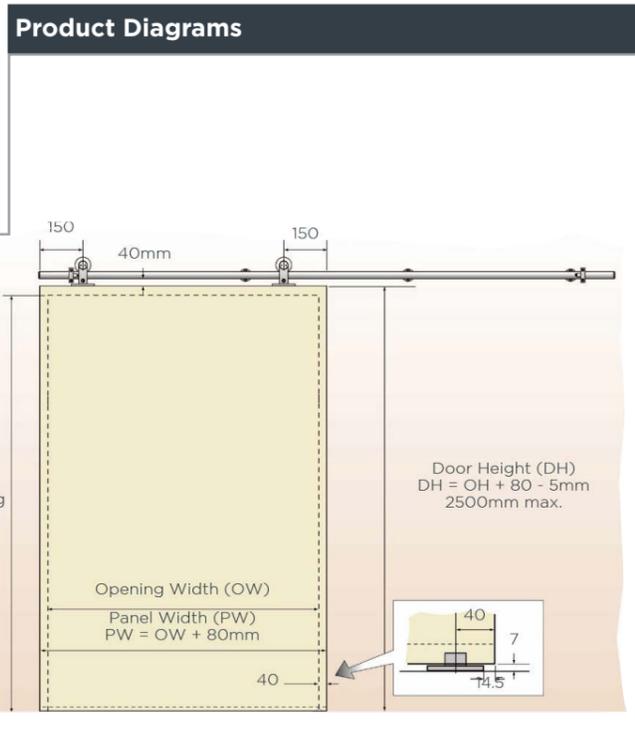
Sienna Glass

Stainless steel sliding system for glass panels weighing up to 120kg
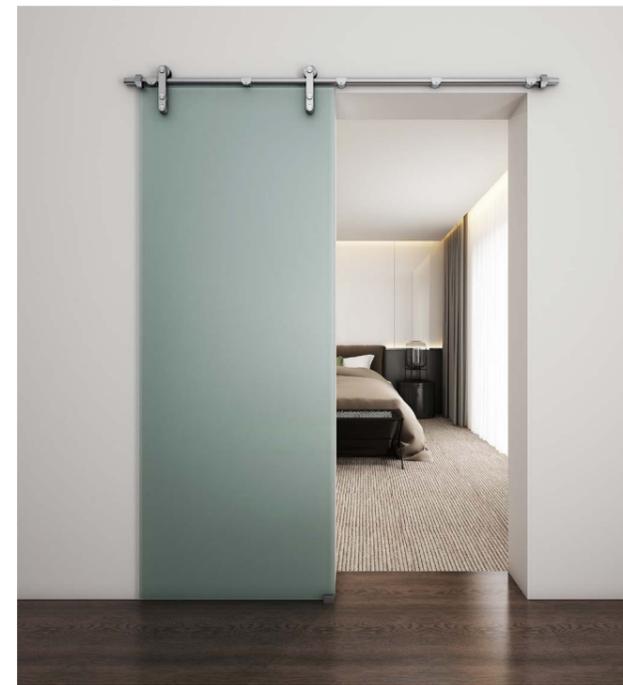
Sienna Glass offers a stylish sliding system for glass panels weighing up to 120kg. The system features exposed stainless steel hangers which fix to the front of the glass panel and run effortlessly along a brushed stainless steel tubular track.

For flexibility of installation, the kit must be purchased in addition to the track and brackets. Choose between two bracket options to allow the system to be fixed to a solid or glass wall.

Two kits can be used for bi-parting doors.

KIT PACK **Max. 120kg** **INTERNAL**

Product Specification

Product Code	Door Width Range	Glass Thickness	Max. Door Weight
SN120G	500 - 3000mm	8, 10 or 12mm	120kg

Track and Bracket Specification - Must be purchased in addition to kit

Component	Description	Product Code
Track	25mm stainless steel tubular track - 2000, 2500, 3000, 3500, 4000 and 6000mm	25/****
Brackets View datasheet for details on bracket spacing	Face fixed bracket for solid wall	1/25SN
	Face fixed bracket for glass wall	2/25SN

**** Replace by length of track for full product code

Kit Contents

Component	Quantity	Product Code
Hangers	2	-
Door Stops	2	25/DSR or 25/DSL
Guide	1	8-12/SN
Bar End Caps	2	25/EC

Product Diagrams
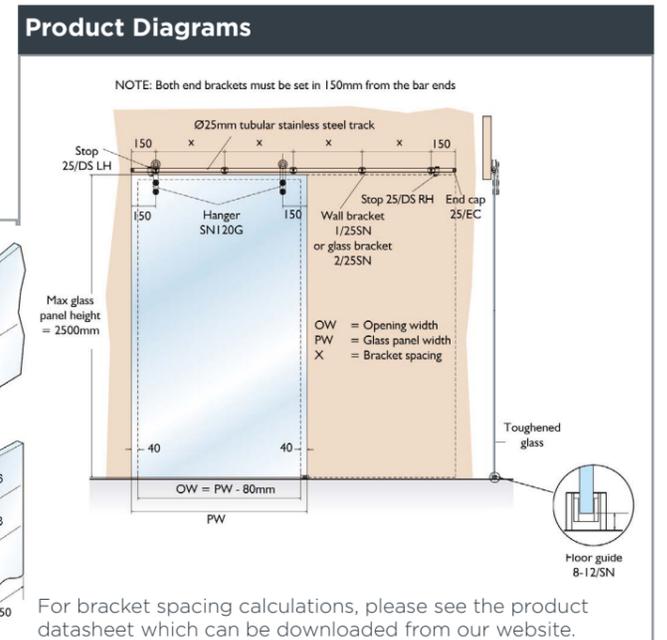
For bracket spacing calculations, please see the product datasheet which can be downloaded from our website.

Pacer Glass

For sliding glass doors weighing up to 180kg

Max. 180kg

INTERNAL

Pacer Glass offers a sliding solution for glass panels weighing up to 180kg and measuring 8, 10 or 12mm thick. This system is perfectly suited to internal applications for commercial projects including dividers and partitions in offices, hotels and retail premises.

For flexibility of installation, Pacer Glass is specified as individual components and can be face

Product Information

Product Code	Max. Door Width	Glass Thickness	Max. Door Weight
Pacer Glass	3000mm	8, 10 or 12mm	130kg or 180kg

Product Specification

Component	Description	130kg	180kg
Track	Anodised aluminium track - 2000, 2500, 3000, 3500, 4000, 5000 & 6000mm	600/****AN	
	Aluminium mill finish track - 2000, 2500, 3000, 3500, 4000, 5000 & 6000mm	600/****	
Brackets	Face fixed bracket	1B	
	Jointing bracket	1BX	
Glass Clamp Kit (Includes hangers, clamps, clip stops and guide)	Glass clamp kit for 8mm glass	8/PA/130	8/PA/180
	Glass clamp kit for 10mm glass	10/PA/130	10/PA/180
	Glass clamp kit for 12mm glass	12/PA/130	12/PA/180

**** Replace with length of track for full product code

Product Diagrams

Pacer Single Panel Soffit Fixed

Pacer Fixed Panel Soffit Fixed
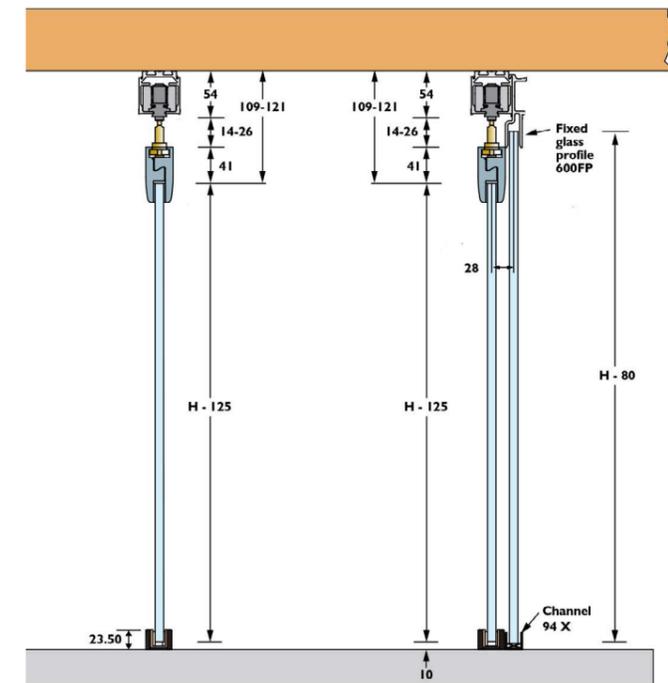
Pacer Single Panel Face Fixed

Pacer Fixed Panel Face Fixed

Pacer Bypassing Panels Face Fixed
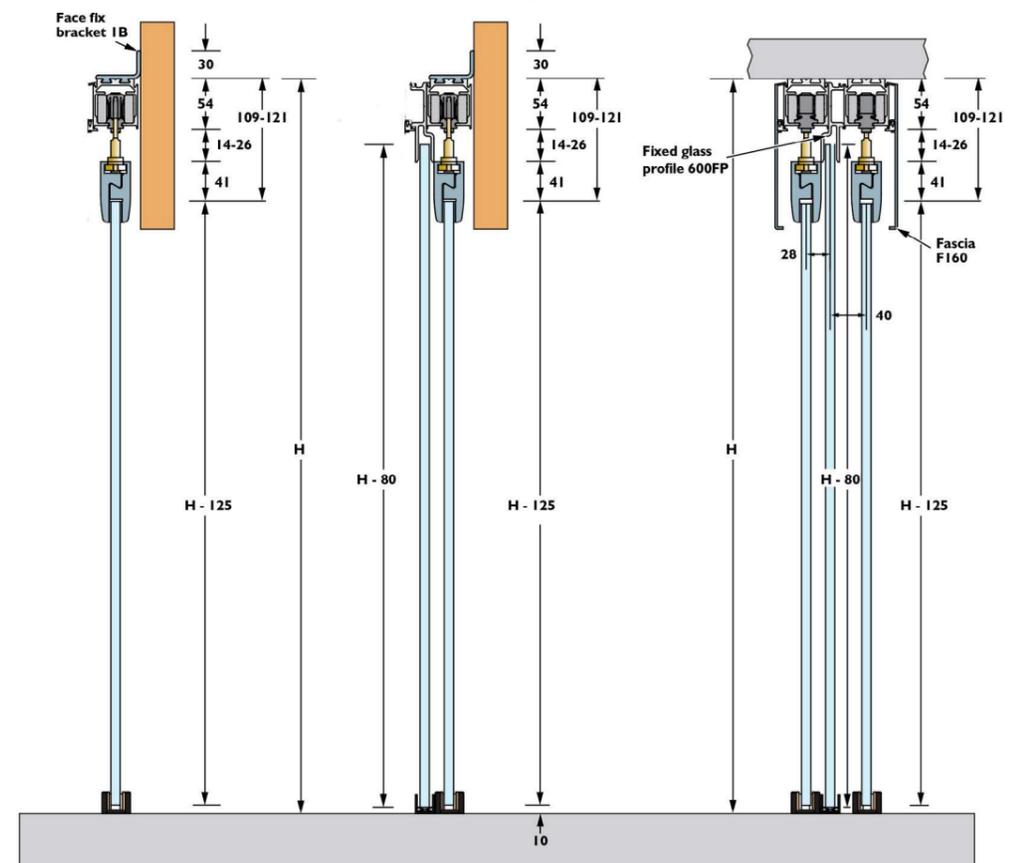
Pacer Sliding

For wooden and metal sliding doors weighing up to 200kg

Max. 200kg

INTERNAL & EXTERNAL

Pacer Sliding is a durable sliding door system suitable for wooden, aluminium or metal doors weighing up to 200kg. The system is ideal for commercial applications including hotels, offices and shop fronts.

The system can be face fixed or soffit fixed and is specified by individual components for flexibility of installation. Choose between a range of hanger options depending on your door material, as well as various guide options to support applications with and without a guide channel.

Product Information

Product	Door Thickness Range	Max. Door Weight
Pacer Sliding	35 – 46mm	200kg

Product Specification

Component	Description	Product Code
Track	Aluminium mill finish track - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	600/****
	Anodised aluminium track - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	600/****AN
Brackets	Face fixed bracket	1B
	Jointing bracket	1BX
Hangers	Angle plate fixing hanger for wooden doors	52B
	Hanger for angle frame metal doors	56B
	Hanger for box frame metal doors	56BX
	Concealed fixing hanger for wooden, aluminium or metal doors	57B
Guides	Floor mounted guide for wooden, aluminium or metal doors	89/2N
	Concealed fixing guide for wooden or aluminium doors	106N/94
	Guide for angle frame metal doors	104N/94
	Guide for box frame metal doors	104NX/94
Guide Channel	Brass guide channel - 1500 and 3000mm	94/****
	Aluminium guide channel - 1500, 2000, 2500, 3000, 4000 and 6000mm	94X/****
	Black polypropylene channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94P/****
Stop	Retaining stop mounted within track	601P

**** Replace by length of track for full product code

Product Diagrams

Face Fixed

Soffit Fixed
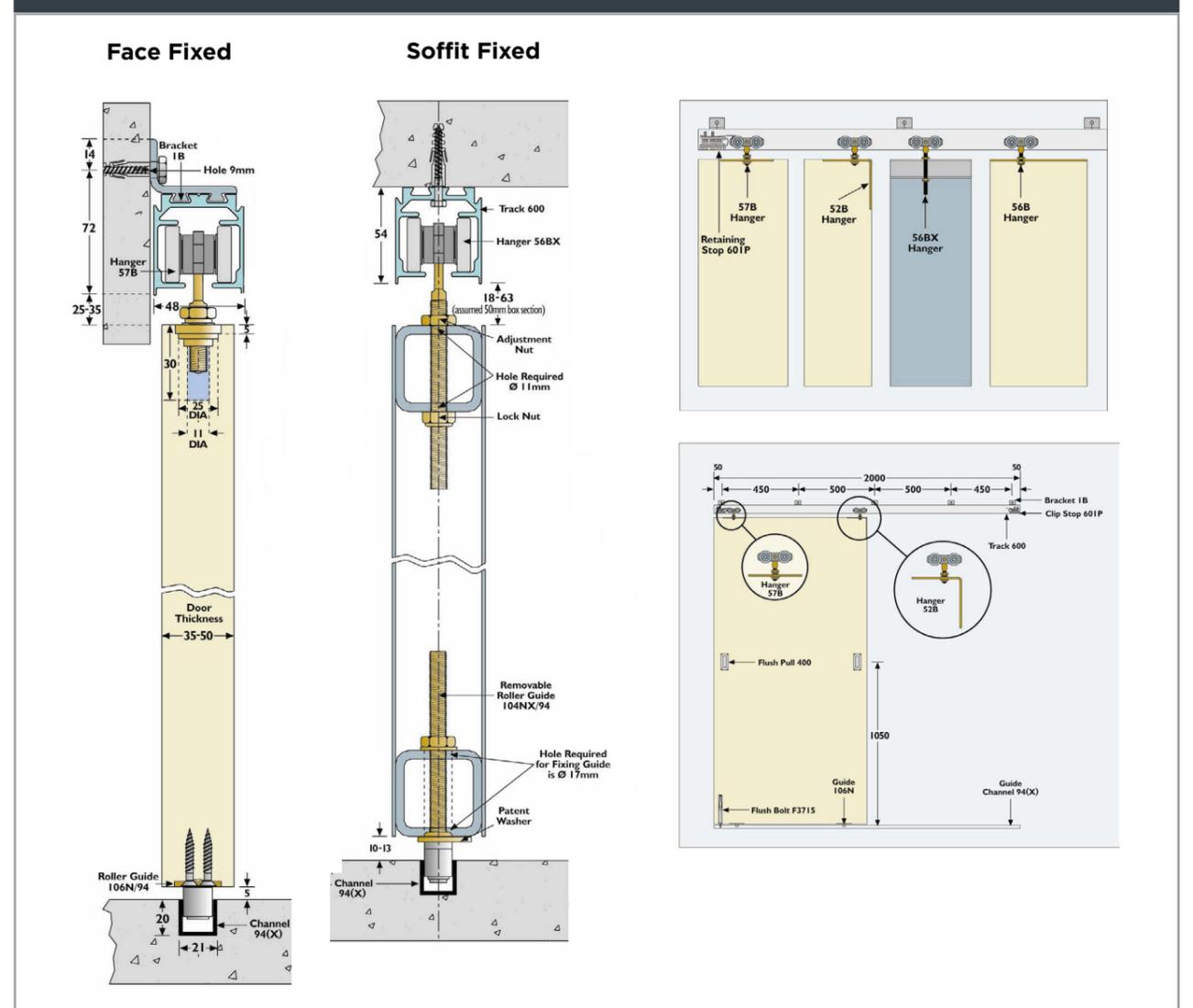
Imperial

Bottom rolling sliding system for external patio doors weighing up to 200kg

Imperial is a bottom rolling system suitable for sliding patio doors weighing up to 200kg. As a bottom rolling system, Imperial allows for the weight of the door to be taken by the floor and is therefore ideal in applications where there is insufficient structural support.

Imperial is available in kit pack format with locking and non locking versions for ease of specification and installation. The locking version comes complete with a high security 6 hook lock and keep plate. Alternatively, Imperial can also be specified as individual components to create a unique system to suit your application. To cover any width of opening, multiple doors can be used on single or multiple lengths of track.

KIT PACK

Max. 200kg

EXTERNAL

Kit Pack Specification

Product Code		Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
Locking	Non Locking				
IMPATIO/L	IMPATIO/NL	3000mm	1500mm	40 - 56mm	100kg

Kit Contents

Component	Quantity	Product Code
Bottom Rail - 3000mm	1	915A/3000
Polypropylene Channel - 3000mm	1	94P/3000
Door Stops	2	DS200/SS
Interlocking Profile - 2400mm	2	INTPROF/24
Bottom Rollers	2	100N
Top Guide	2	106SS/94
6 Hook Lock Kit (Locking Kit Only)	1	-

Product Diagrams - Kit Pack
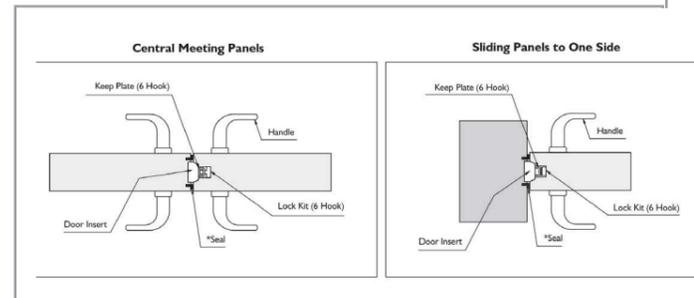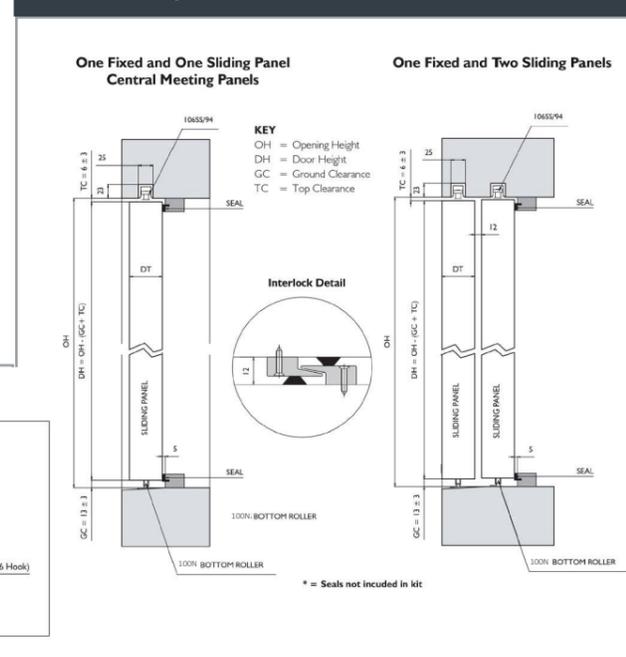
One Fixed and One Sliding Panel Central Meeting Panels

One Fixed and Two Sliding Panels

KEY
OH = Opening Height
DH = Door Height
GC = Ground Clearance
TC = Top Clearance

Interlock Detail

* = Seals not included in kit

Central Meeting Panels

Keep Plate (6 Hook)
Handle
Door Insert
Lock Kit (6 Hook)
*Seal

Sliding Panels to One Side

Keep Plate (6 Hook)
Handle
Door Insert
Lock Kit (6 Hook)
*Seal

Product Information - use the below tables when specifying parts individually

Product Code	Max. Door Width	Door Thickness Range	Max. Door Weight
Imperial	3000mm	40 - 56mm	200kg

Product Specification

Component	Description	Product Code
Top Guide Channel	Aluminium channel - 1500, 2000, 2500, 3000, 4000 and 6000mm	94X/****
	Polypropylene channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94P/****
	Anodised aluminium support channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94SC/****
	Stainless steel channel - 2000 and 3000mm	89/****SS
Bottom Rail (Fitted at 900mm max. centres)	Aluminium mill finish bottom rail for doors weighing up to 100kg - 1500, 2000, 2500, 3000, 4000 and 6000mm	915A/****
	Bronze bottom rail for doors weighing up to 200kg - 1500, 2000, 2500, 3000, 4000 and 6000mm	915B/****
Top Guide Rollers (2 per door)	Top plate fitting top guide - for use with 94 channel	106HSS/94
	Corner fixing top guide - for use with 94 channel	113SS/94
	Torpedo HDPE fitting top guide - for use with 89 or 94 channel. Stainless steel fixings provided	89/2N/SS
Bottom Rollers (2 per door)	Nylon bottom roller - for doors weighing up to 100kg	100N
	Stainless steel bottom roller - for doors weighing up to 200kg	200SS
Interlocking Profile	Interlocking profile - 2400mm	INTPROF/24
Stops	Floor stop	DS200/SS
Seals	Door perimeter - brown or white	AQ63B or AQ63W
	Frame perimeter - brown or white	AQ21B or AQ21W

**** Replace with length of track for full product code

Product Diagrams - Specified

113SS/94 Top Guide
94SC & 94P Channel

25
23
54
TC = 6 ± 3
40 min
DH=OH - (GC+TC)
OH
GC = 13 ± 3

Key	
DH	Door Height
OH	Opening Height
GC	Guide Clearance
TC	Track Clearance
DW	Door Width
PW	Passage Width
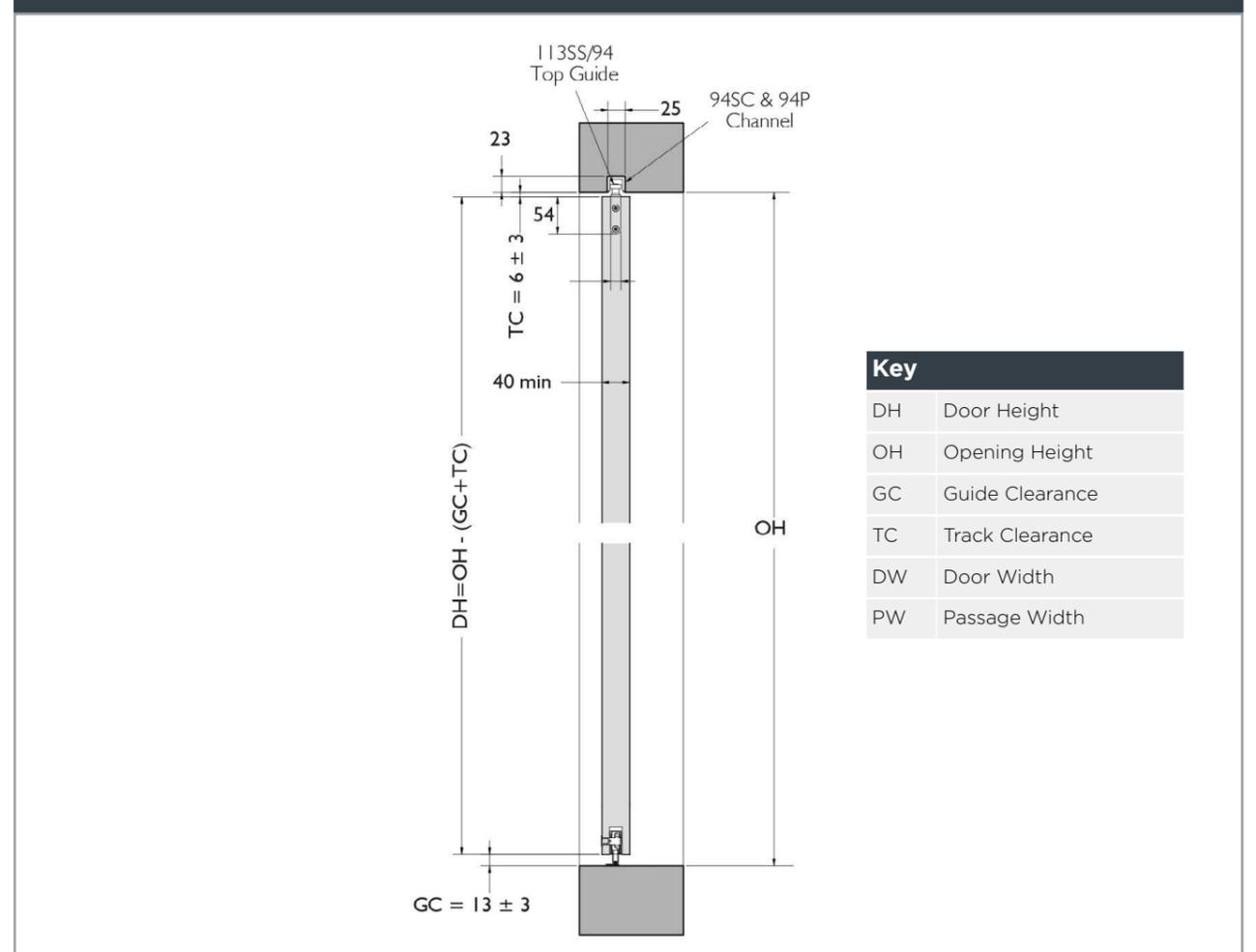
Soltaire

Top hung sliding system for external doors weighing up to 250kg

Soltaire is a beautifully crafted top hung sliding system which caters for single panel, bypasingg or bi-parting doors weighing up to 250kg.

Manufactured from marine grade 316 stainless steel, the system is ideal for both internal and external applications as well as coastal environments due to its corrosion resistant properties.

Soltaire is available in ready made kit packs for both internal and external applications. Each kit pack include a track, hangers, guides, track stops and flush pulls for ease of specification and installation. For bi-parting doors, two kits should be purchased.

Alternatively, Soltaire can be specified as individual components to increase the versatility of the system. Choose between a wide range of hangers, guide and channel options to suit your application. For further flexibility, the track can be soffit or face fixed.

Soltaire can be further enhanced with a number of accessories including a simultaneous action kit for bi-parting doors and a low headroom kit for applications with restricted headroom.

KIT PACK

Max. 250kg

INTERNAL & EXTERNAL

Kit Pack Specification

Product Code		Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
Internal	External				
S120/20ANI	S120/20AN	2000mm	1000mm	24 - 48mm	120kg
	S180/30AN	3000mm	1500mm	35 – 48mm	180kg
	S250/30AN	2000mm	1500mm	35 – 48mm	250kg

Kit Contents

Component	S120/20ANI	S120/20AN	S180/30AN	S250/30AN
Track	120/2000 (x1)	120/2000 (x1)	180/3000 (x1)	250/3000 (x1)
Hangers	51/120/SS (x2)	51/120/SS (x2)	57/180/SS (x2)	57/250/SS (x2)
Guide	101SS (x1)	106SS/94 (x2)	106HSS/94 (x2)	106HSS/94 (x2)
Track Stops	HH4/AN (x2)	HH4/AN (x2)	HH5/AN (x2)	HH5/AN (x2)
Face Fixed Brackets	1/SS (x4)	1/SS (x4)	1/SS (x5)	1/SS (x5)
Guide Channel	-	94X/2000 (x1)	94X/3000 (x1)	94X/3000 (x1)
Flush Pulls	144S (x2)	144S (x2)	144S (x2)	144S (x2)

Product Information - use the below tables when specifying parts individually

Product Code	Max. Door Width	Door Thickness Range	Max. Door Weight
Soltaire 120	3000mm	19 - 48mm	120kg
Soltaire 180	3000mm	35 – 48mm	180kg
Soltaire 250	3000mm	35 – 48mm	250kg

Product Specification

Component	Description	120kg	180kg	250kg
Track	Anodised aluminium track - 2000, 2500, 3000, 3500, 4000, 5000 & 6000mm	120/****	180/****	250/****
Brackets	Face fixed stainless steel brackets - 600mm spacing required	1/SS	1/SS	1/SS
	Double run face fixed stainless steel brackets - 900mm spacing required	5H/SS	5H/SS	5H/SS
Hangers	Face fixed hanger - MDF doors	52/120/SS	-	-
	Top fixed, surface mounted hanger - wooden and metal doors	51/120/SS	-	-
	Concealed fixing hanger - wooden doors	57/120/SS	57/180/SS	57/250/SS
	Corner fixed hanger - wooden doors	-	52/180/SS	52/250/SS
	Saddle hanger - wooden doors	-	53/180/SS	53/250/SS
	Angle frame hanger - wooden doors	56/120/SS	56/180/SS	56/250/SS
	Box frame hanger - wooden doors	-	56X/180/SS	56X/250/SS
Guides	Side mounted guide	105SS/94	105SS/94	105SS/94
	Concealed fixing guide	106SS/94	106HSS/94	106HSS/94
	Floor guide	101SS	101SS	101SS
	Wall mounted guide	102SS/94	102SS/94	102SS/94
	Bottom guide - angle frame metal door	104P/89	104P/89	104P/89
	Bottom guide - box section metal door	104PX/89	104PX/89	104PX/89
Channels	Aluminium guide channel - 1500, 2000, 2500, 3000, 4000 & 6000mm	94X/****	94X/****	94X/****
	Stainless steel guide channel - 2000 & 3000mm	89/****SS	89/****SS	89/****SS
	Black polypropylene channel - 2000, 2500, 3000, 3500, 4000, 5000 & 6000mm	94P/****	94P/****	94P/****
	Anodised aluminium support channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94SC/****	94SC/****	94SC/****
Track Stop	Track stop	HH4/AN	HH5/AN	HH5/AN

**** Replace with length of track for full product code

Optional Accessories

Component	Description	Product Code		
		120kg	180kg	250kg
Low Headroom Kit	Concealed door hardware system for applications with restricted headroom. Reduces the distance between the track and top of the door by 2mm.	CP120	LH180A	LH250A
Simultaneous Action Kit	Suitable for bi-parting door applications. Move 1 door and the other will move simultaneously. Max door weight for this kit is 100kg.	SIM100	-	-
Brush Strip (per meter)	Available in 10, 15, 20 and 25mm brush heights.	BS**B		

** Replace with brush strip height for full product code

SLIDING

Soltaire Continued

Product Diagrams

Soltaire 120 - Kit Pack

Internal Kit

Soffit Fix
Face Fix
Hanger bracket I/SS
12
41
66
31
-32
120 Track
Door Thickness 24 - 48
9
15
5 -18

External Kit

Soffit Fix
Face Fix
Hanger bracket I/SS
12
41
66
31
19 - 31
120 Track
Door Thickness 24 - 48
21
20
3 - 15
3 - 15
Channel
17
20
21
Optional floor guide installation method – not recommended by PCH for exterior applications

Soltaire Specified

Soltaire 120

41
12
35
31
12 minimum 24 maximum
20
19 minimum* 48 maximum
20
3 minimum 10 maximum
20
21
94/94X channel

Soltaire 180

41
23
45
12 minimum 32 maximum
15
35 minimum 48 maximum
25
3 minimum 10 maximum
20
21
94/94X channel

Soltaire 250

50
38
23
50
12 minimum 28 maximum
15
35 minimum 48 maximum
25
3 minimum 10 maximum
20
21
94/94X channel

Stainless Steel

High performing sliding door system suitable for doors weighing up to 270kg and exposed to high levels of corrosion

CORROSION RESISTANT

Max. 270kg

INTERNAL & EXTERNAL
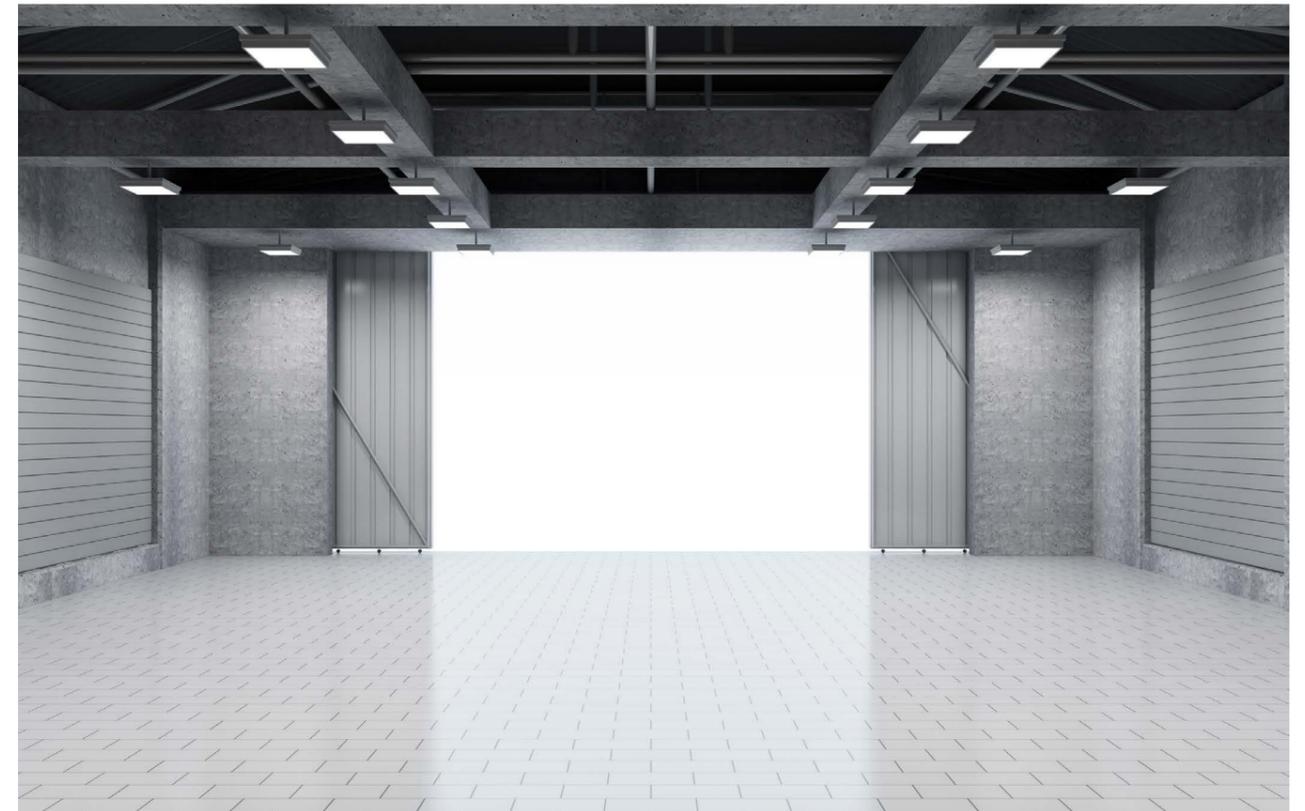
Stainless Steel offers a high performing sliding door system for wooden and metal doors weighing up to 270kg with expecptional corrosion resistant properties.

Manufactured from high quality stainless steel, the system is perfectly suited to applications such as chemical factories, oil rigs, abattoirs, cold storage, food processing plants and areas exposed to high salt contents. The systems track, brackets and guide channel are manufactured from marine grade 316 stainless steel and the hanger components are made from nylon or 304 grade stainless steel.

To allow for maximum flexibility, Stainless Steel can be specified as individual components for varying door weights. Choose between a range of hangers, brackets, guide and track stop options to suit you application. The track can be face fixed or soffit fixed.

Product Information		
Product Code	Door Thickness Range	Max. Door Weight
Stainless Steel 280	20 - 50mm	100kg
Stainless Steel 290	35 – 48mm	150kg
Stainless Steel 301	43 – 57mm	270kg

Stainless Steel Continued

Product Specification

Component	Description	100kg	150kg	270kg
Track	Stainless steel track - 2000 & 3000mm	280/****SS	290/****SS	301/****SS
Hangers	Hanger for wooden doors	284/SS (100kg)	-	-
	Hanger for metal doors	285/SS (100kg)	56/290SS	56/301SS
	Hanger for apron plate fixing	-	53/290SS	53/301SS
	Hanger for top plate fixing	-	57/290SS	57/301SS
Brackets	Face fixed bracket	281SS	1/290SS	1/301SS
	Face fixed jointing bracket	-	1X/290SS	1X/301SS
	Soffit fixed bracket	-	3/290SS	3/301SS
	Soffit fixed jointing bracket	-	3X/290SS	3X/301SS
	'In line' soffit fixed bracket	-	4/290SS	4/301SS
	'In line' soffit fixed jointing bracket	-	4X/290SS	4X/301SS
	'Bolt on' soffit fixed bracket	4R/280SS	4R/290SS	4R/301SS
	'Bolt on' soffit fixed jointing bracket	4RX/280SS	4RX/290SS	4RX/301SS
Channel	Stainless steel channel - 2000 & 3000mm	89/***SS	89/****SS	89/****SS
Guides	Floor guide	89/2N/SS	89/2N/SS	89/2N/SS
	Wall mounted guide	31S/SS	31S/SS	31S/SS
Stops	Wall mounted door stop	109/SS	109/SS	109/SS
	Track stop	287SS	HH3/290/SS	HH3/301/SS

**** Replace with length of track for full product code   Please Note: Fixing plates, bolts and nuts are Grade 304 (A2) Stainless Steel.

Product Diagrams

280/SS   **290/SS**   **301/SS**
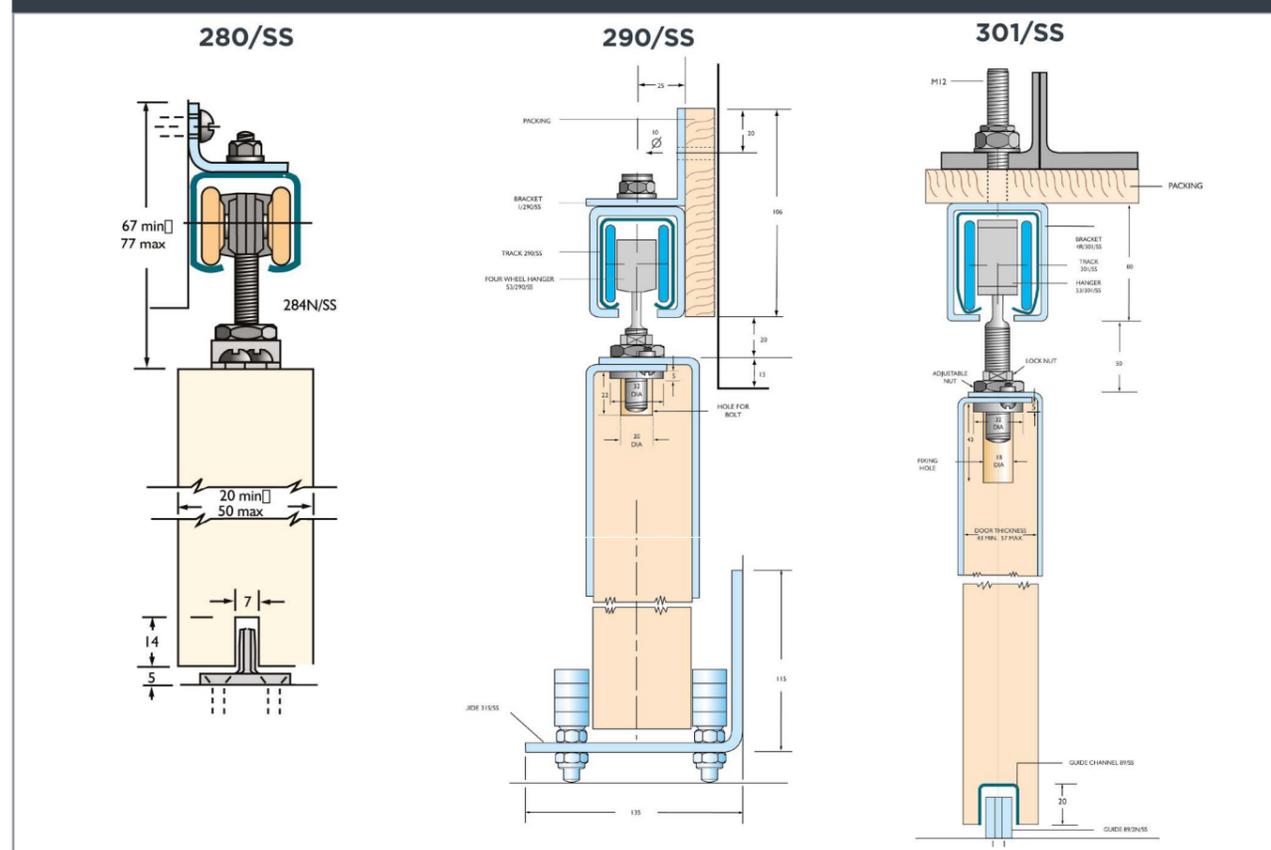
Flexirol Sliding

For sliding wooden or metal doors weighing up to 500kg

Designed for wooden or metal doors weighing up to 500kg, Flexirol Sliding is a unique system ideally suited to large doors which require high performance as well as an attractive finish. The system is ideal for commercial applications including hotels, offices, conference centres, shop fronts and showrooms where durability and design are paramount. The track can be soffit fixed or face fixed for flexibility of installation.

Max. 500kg

INTERNAL & EXTERNAL

Product Information

Product	Max. Door Width	Door Thickness Range	Max. Door Weight
Flexirol Sliding	6000mm	40 - 100mm	500kg

Product Specification

Component	Description	Product Code
Track	White aluminium track - 2000, 2500, 3000, 4000, 5000 & 6000mm	550/****
	Mill finish track - 2000, 3000, 4000, 5000 & 6000mm	550/****M
Brackets	Face fixed bracket	1A/550
	Suspended soffit fixed ceiling bracket with vertical adjustment	3S/550
Hangers	Hangers for metal doors	556
	Hangers for wooden doors with concealed fixing	556/57
	Hangers for wooden doors with angle plate fixing	556/52
Guides	Guide for wooden and metal doors - 1 per door	89/2N
	Guide for wooden doors - 2 per door	106N/94
	Guide for metal doors - 2 per door	104N/94
Guide Channel	Brass guide channel - 1500 & 3000mm	94/****
	Aluminium guide channel - 1500, 2000, 2500, 3000, 4000 & 6000mm	94X/****
Stop	Track Stop	HH3/301

**** Replace with length of track for full product code

Product Diagrams
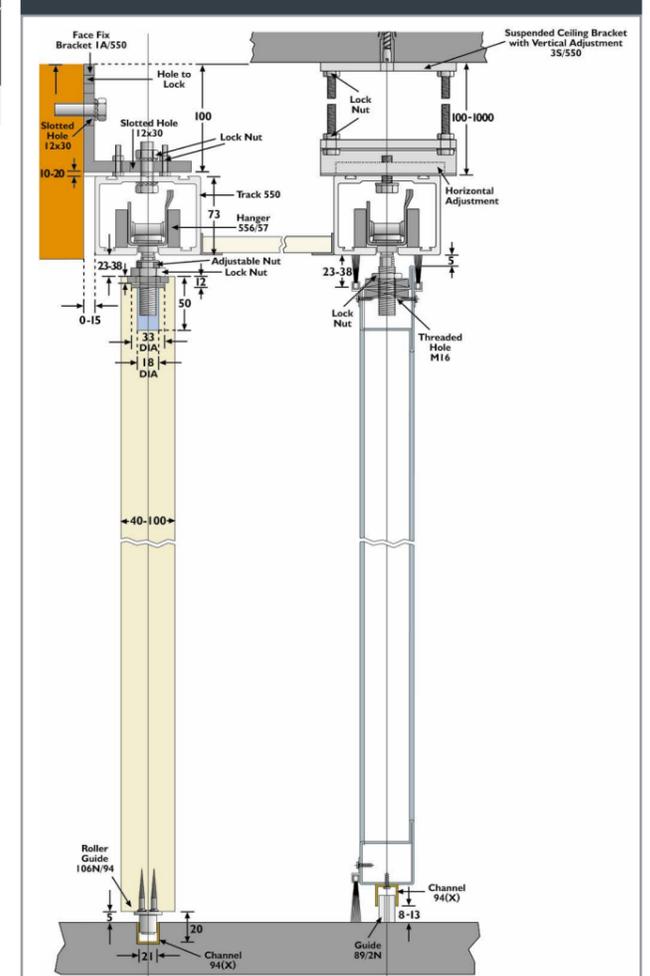
Flexirol Sliding Glass

Heavy duty sliding system for glass panels weighing up to 500kg

Flexirol Sliding Glass is a unique system ideally suited to large glass panels that require high performance as well as an attractive finish. The system is ideal for applications including hotels, offices, conference centres, shop fronts and showrooms where durability and design are paramount.

The system has been designed with a glass profile which fixes to the top and bottom of the panel to securely hold the glass in place. The track can be soffit fixed or face fixed to suit your application.

Max. 500kg

INTERNAL

Product Information

Product	Panel Thickness	Max. Door Weight
Flexirol Sliding Glass	10mm or 12mm	500kg*

* 100kg per meter of clamping

Product Specification

Component	Description	Product Code
Track	White aluminium track - 2000, 2500, 3000, 4000, 5000 & 6000mm	550/****
	Mill finish track - 2000, 3000, 4000, 5000 & 6000mm	550/****M
Brackets	Face fixed bracket	1A/550
	Suspended soffit fixed ceiling bracket with vertical adjustment	3S/550
Hangers 2 per door	Hanger with mounting block	556S
Glass Profile	Made to measure - contact P C Henderson for more information	FRP02
Guide	Guide with mounting block	FRPN/94
Guide Channel	Brass guide channel - 1500 & 3000mm	94/****
	Aluminium guide channel - 1500, 2000, 2500, 3000, 4000 & 6000mm	94X/****
Stop 2 per door	Track Stop	HH3/301

**** Replace with length of track for full product code

Product Diagrams

98
Fixing (not supplied by PCH)
Hanger 556S
73
13
Top Glass Clamp FRP02
72
100
Toughened Glass 10-12mm
H
H-227
Mounting Block
100
75
Brush
Guide FRPN/94
7
20
21
Channel 94X

54
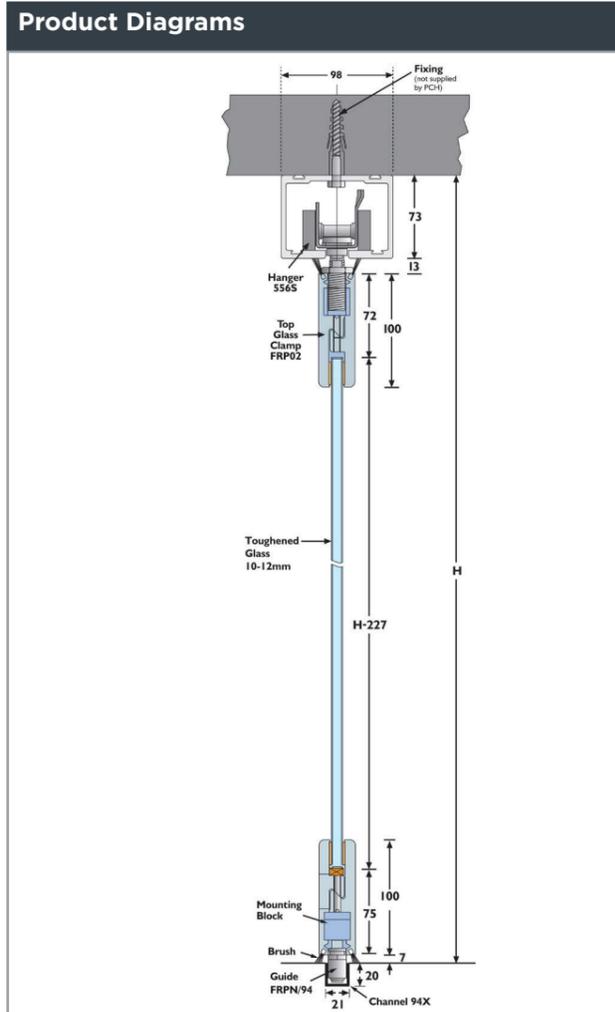
Straight Sliding

For straight sliding wooden and metal doors weighing up to 2000kg

Straight Sliding is an extremely versatile system designed for use in industrial applications. Available in a choice of 5 systems, Straight Sliding caters for doors weighing up to an impressive 2000kg each.

The system is specified in individual components to allow for maximum flexibility. Choose between a wide range of brackets, hangers and guide options to cater for single sliding or bi-parting doors covering any width of opening.

Max. 2000kg

EXTERNAL

Product Information

Product	Door Thickness Range	Max. Door Weight
Straight Sliding 290	35 - 48mm	150kg or 200kg (Depending on hanger specification)
Straight Sliding 301	43 - 57mm	400kg
Straight Sliding 301H	43 - 57mm	450kg
Straight Sliding 305	43 - 57mm	700kg
Straight Sliding 307	60 - 70mm	2000kg

Product Specification

Component	Description	200kg	400kg	450kg	700kg	2000kg
Track	Galvanised steel track - 2000, 2500, 3000, 4000, 5000 & 6000mm (for 307, 5000mm and 6000mm are unavailable)	290/****	301/****	301H/****	305/****	307/****
Steel Bracket 900mm max. spacing and at track joints

Replace ** with 'RC' for right hand closing and 'LC' for left hand closing | Face fixed - single | 1/290S | 1/301S | 1/301S | 1/305S | 1/307S |
	Face fixed - single - jointing	1X/290S	1X/301S	1X/301S	1X/305S	1X/307S
	Face fixed - single - low headroom	9/290S	9/301S	9/301S	-	-
	Face fixed - single - low headroom jointing	9X/290S	9X/301S	9X/301S	-	-
	Face fixed - single - closed end bracket	1/290S**	-	-	-	1/307S**
	Face fixed - double - adjustable for 1 track	-	-	-	-	5/307S
	Face fixed - double - adjustable for both tracks	-	5R/301SADJ	5R/301SADJ	-	-
	Face fixed - double - closed end bracket	-	-	-	-	5/307SC
	Soffit fixed - single	-	3/301S	3/301S	-	3/307S
	Soffit fixed - single - jointing	-	3X/301S	3X/301S	-	3X/307S
	Soffit fixed - single - 'in line'	-	4/301S	4/301S	-	4/307S
	Soffit fixed - single - adjustable	4R/290S	4R/301S	4R/301S	4R/305S	4R/307S
	Soffit fixed - single - adjustable jointing	4RX/290S	-	-	4RX/305S	4RX/307S
	Soffit fixed - single - bolt on (closed)	-	-	-	-	4R/307SC
	Soffit fixed - single - closed end bracket	-	-	-	-	3/307SC
	Soffit fixed - single 'in line' - closed end bracket	-	-	-	-	4/307SC
	Soffit fixed - adjustable track sleeve	-	4RX/301TS	4RX/301TS	-	-
	Soffit fixed - double - 'in line'	-	6/301S	6/301S	-	-
	Soffit fixed bracket body (for welding)	4R/290SB	-	-	4R/305SB	4R/307SB

55

Straight Sliding Continued

Product Specification

Component	Description	290	301	301H	305	307
Aluminium Brackets 900mm max. spacing and at track joints Replace ** with 'RC' for right hand closing and 'LC' for left hand closing	Face fixed - single	1A/290	1A/301	1A/301	1A/305	-
	Face fixed - single - jointing	1AX/290	1AX/301	1AX/301	1AX/305	-
	Face fixed - single - low headroom	-	-	-	9A/305	-
	Face fixed - single - closed end bracket	-	-	-	1A/305**	-
	Face fixed - single - low head. - closed end				9A/305**	
	Face fixed - double	5/290	5/301	5/301	-	-
	Face fixed - double adjustable - 1 track	-	-	-	5/305	-
	Soffit fixed - single	3A/290	3A/301	3A/301	3A/305	-
	Soffit fixed - single - jointing	3AX/290	3AX/301	3AX/301	3AX/305	-
	Soffit fixed - single - 'in line'	4A/290	4A/301	4A/301	4A/305	-
	Soffit fixed - single - 'in line' jointing	4AX/290	4AX/301	4AX/301	4AX/305	-
	Soffit fixed - single - closed end bracket	-	-		3A/305C	-
Bracket Endclips	End clip to close open brackets	1A/290EC	1A/301EC	1A/301EC	-	-
Hanger 2 per door /s = steel wheel /n = nylon wheel	Metal door - 2 wheel - standard bolt For doors weighing up to 150kg	56.5K/S	56.5A/S	56.5A/S	-	-
		56.5K/N	56.5A/N	56.5A/N	-	-
	Metal door - 4 wheel - standard bolt For doors weighing up to 150kg	56K/S	56A/S	56A/S	56C/S	56FJ/S
		56K/N	56A/N	56A/N	-	-
	Metal door - 4 wheel - standard bolt For doors weighing up to 200kg	56K/S200	-	-	-	-
		56K/N200	-	-	-	-
	Metal door - extended bolt For doors weighing up to 150kg	56KX/S	56AX/S	56AX/S	56CX/S	56FJX/S
		56KX/N	56AX/N	56AX/N	-	-
	Metal door - for easy removal of doors	-	56AF/S	56AF/S	-	-
		-	56AF/N	-	-	-
	Wood door - 4 wheel - side plate For doors weighing up to 150kg	53K/S	53A/S	53A/S	53C/S	53FJ/S
		53K/N	53A/N	53A/N	-	-
	Wood door - 4 wheel - side plate For doors weighing up to 200kg	53K/S200	-	-	-	-
	Wood door - 4 wheel - top plate For doors weighing up to 150kg	57K/S	57A/S	57A/S	57C/S	-
		57K/N	57A/N	57A/N	-	-
	Wood door - 4 wheel - top plate For doors weighing up to 200kg	57K/S200	-	-	-	-
		57K/N200	-	-	-	-
	Wood door - 4 wheel - angle plate For doors weighing up to 150kg	52K/S	52A/S	52A/S	52C/S	-
		52K/N	52A/N	52A/N	-	-
	Wood door - 4 wheel - angle plate For doors weighing up to 200kg	52K/S200	-	-	-	-
		52K/N200	-	-	-	-
	Curtain sided vehicle - 4 wheel	56MVS	-	-	-	-
Stops	Track stop	HH3/290	HH3/301	HH3/301	-	-
	Single buffer stop	107	107	107	107	107
	Double buffer stop	109	109	109	109	109
Guides	Metal door	104P/89	104P/97	104P/97	104P/97	104P/97
	Metal door - extended	104PX/89	104PX/97	104PX/97	104PX/97	104PX/97
	Wood door - side fixed	105R/89	105R/97	105R/97	105R/97	105R/97
	Wood door - self cleaning	-	102/97	102/97	102/97	102/97
	Wood door - concealed	106R/94	106R/97	106R/97	106R/97	106R/97
	Wood door - end fixed	113R/94	-	-	-	-
	Metal or wood door - stop guide	112	112	112	112	-
	Metal or wood door - ground stay roller	126	126	126	126	-
	Metal or wood door - heavy duty ground stay roller (assembled)	126HD/A	126HD/A	126HD/A	126HD/A	126HD/A
	Metal or wood door - heavy duty ground stay roller	-	126H	126H	126H	126H
	Metal or wood door - heavy duty extended ground stay roller	-	126HL	126HL	126HL	126HL
	Metal or wood door - shoe guide	128	128	128	128	128
	Metal or wood door - wall mounted, for single door	-	31S	31S	31S	-
	Metal or wood door - wall mounted, for double doors	-	31D	31D	31D	31D

Product Specification

Component	Description	290	301	301H	305	307
Guide Channel* Same length as track, replace **** with length for full product code	Galvanised steel channel - 2000, 2500, 3000, 4000 and 6000mm (6000mm unavailable for 89 channel)	89/****	97/****	97/****	97/****	97/****
	Brass channel 1500 and 3000mm	94/****	-	-	-	-
	Aluminium channel - 1500, 2000, 2500, 3000, 4000 and 6000mm	94X/****	-	-	-	-
	Shallow steel channel - 2000, 2500, 3000 and 4000mm	-	100/****	100/****	100/****	100/****
	Bottom rail - 2000 and 3000mm	299/****	299/****	299/****	299/****	299/****
	Fixing lug	97LUG	-	-	-	-
	Channel coupler	UNICUP	-	-	-	-

**** Replace with length of track for full product code   * When purchasing 94 or 94X, lugs and couplers must be purchased separately.

Product Diagrams

FOR WOOD DOORS


53 Hanger
x3 Hanger
52
97
105R Guide
31S Guide
31D Guide
97 Guide Channel
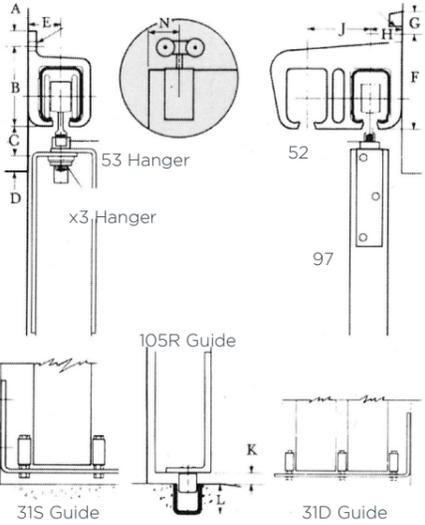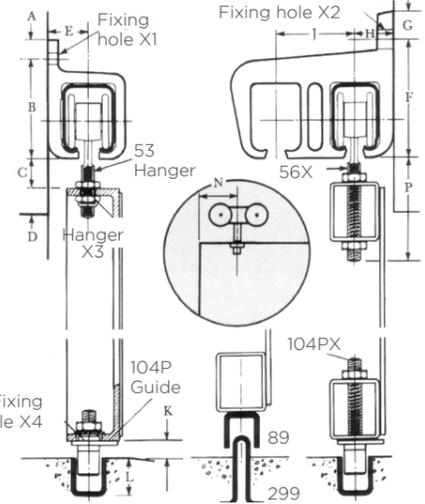
Track	A	B	C	D	E	F	G	H	J	K	L	X1	X2	X3	N
280	7	40	20	12	16					10	25	M5			
290	13	67	25	13	27	80	20	27	54	10	25	M8	M12	11	48
301/301H	20	97	50	25	35	110	33	39	79	10	38	M12	M16	20	75
305	25	140	50	25	38	155	38	48	92	13	38	M16	M20	20	85
307	24	156	67	38	45	192	26	45	91	13	38	M16	M20	25	115

FOR METAL DOORS

Fixing hole X1
Fixing hole X2
53 Hanger
56X
Hanger X3
104PX
104P Guide
Fixing hole X4
89
299

Track	A	B	C	D	E	F	G	H	J	K	L	X1	X2	X3	X4	N	P
280	7	40	20	12	16					10	25	M5		8.4	17	50	
290	13	67	25	13	27	80	20	27	54	10	25	M8	M12	10.5	17	48	1109
301/301H	20	97	50	25	35	110	33	39	79	10	38	M12	M16	17	20	75	140
305	25	140	50	25	38	155	38	48	92	13	38	M16	M20	17	20	85	140
307	24	156	67	38	45	192	26	45	91	13	38	M16	M20	21	20	115	140

FOR SINGLE RUN - STEEL DOORS - SOFFIT FIXED

- 3A/290 Brackets
- 1A/290EC Endclips
- 290 Track
- HH3/290 Stop
- 56K Hanger
- 104P Guide
- 89 Channel
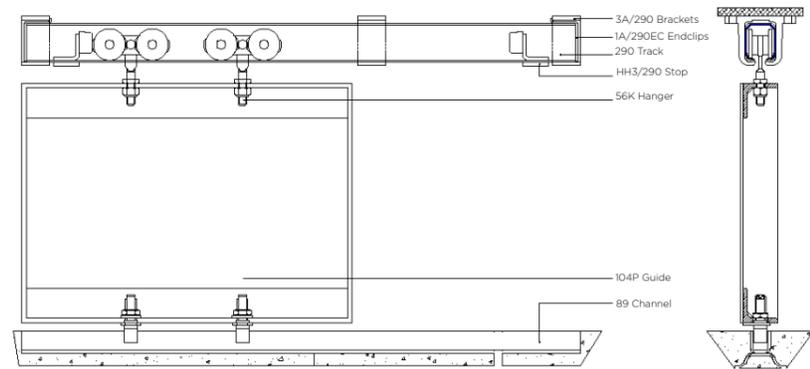
FOR SINGLE RUN - TIMBER DOORS - FACED FIXED

- 3A/290 Brackets
- 1A/290EC Endclips
- 290 Track
- HH3/290 Stop
- 53K Hanger
- 106R/89 Guide
- 89 Channel
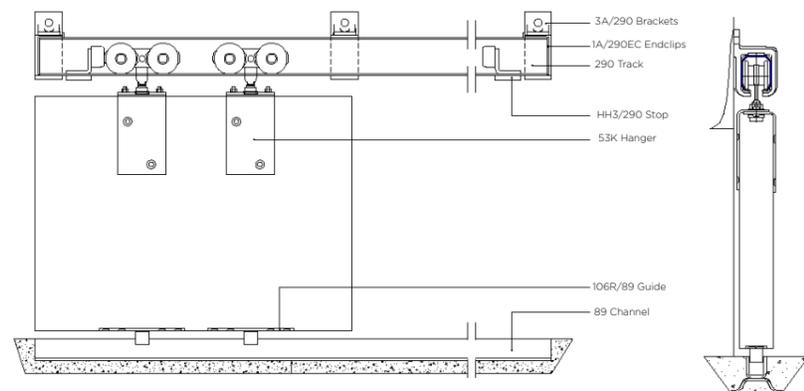
FOR DOUBLE RUN - STEEL DOORS - SOFFIT FIXED

- 4A/290 Brackets
- 1A/290EC Endclips
- 290 Track
- HH3/290 Stop
- 56K Hanger
- 104P Guide
- 89 Channel
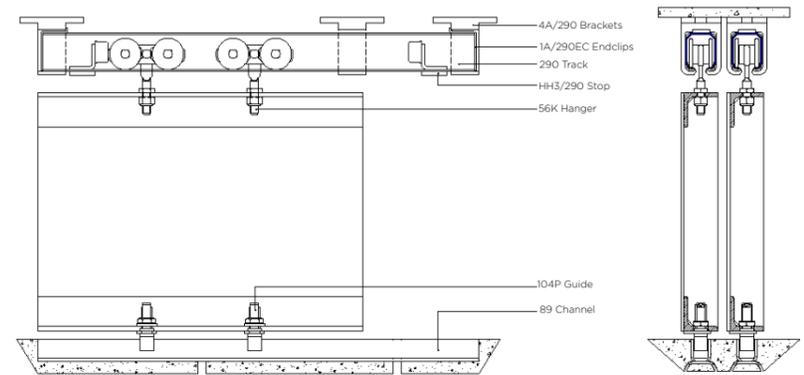
FOR DOUBLE RUN - TIMBER DOORS - FACED FIXED

- 5/290 Brackets
- 1A/290EC Endclips
- 290 Track
- HH3/290 Stop
- 53K Hanger
- 106R/89 Guide
- 89 Channel
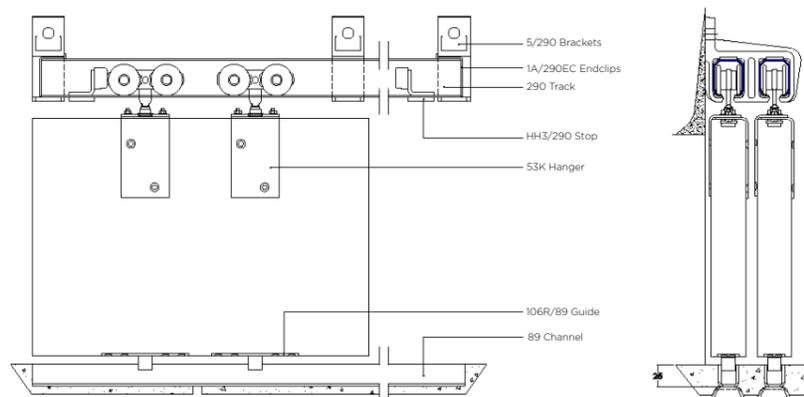
SLIDING

Sterling

Heavy duty sliding system for bottom rolling wooden and metal doors weighing up to 8000kg
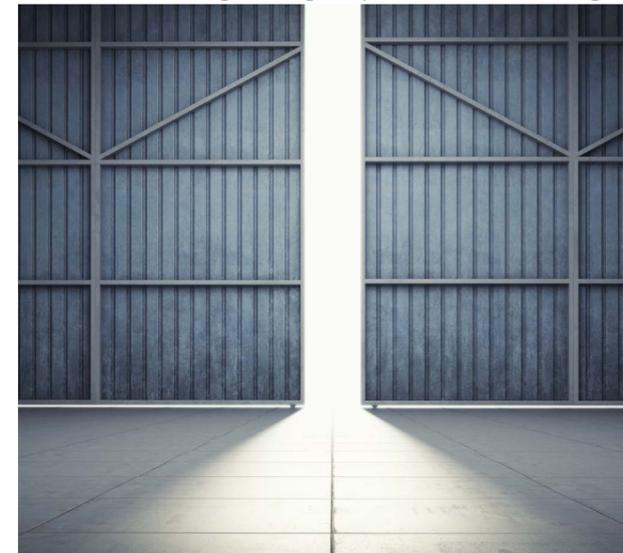
Sterling offers a robust system for heavy weight doors in industrial applications such as warehouses, agricultural buildings and aircraft hangers. Designed as a bottom rolling system, Sterling is suited to applications with insufficient structural support. Five systems are available to cater for wooden doors weighing up to 2000kg and metal doors weighing up to 8000kg. The system can be installed on single or multiple lines of track and can be face fixed or soffit fixed.

Max. 8000kg

EXTERNAL

Product Information

Product	Door Material	Door Thickness Range	Max. Door Weight
Sterling 350	Wood or Metal	44 – 54mm	350kg
Sterling 800	Wood or Metal	54 – 63mm	800kg
Sterling 2000	Wood or Metal	58 - 70mm (metal) or 70 - 100mm (wood)	2000kg
Sterling 3600	Metal	152mm (minimum)	3600kg
Sterling 8000	Metal	152mm (minimum)	8000kg

Product Specification

Component	Description	350kg	800kg	2000kg	3600kg	8000kg
Top Guide Channel	Galvanised steel track - 2000, 2500 and 3000mm. 13 Channel is only available in 2000 and 3000mm lengths.	99/****	99/****	13/****	Not by P C Henderson*	
Brackets Fix at 900mm centres (max.)	Face fixed	31	31	1/13	Not by P C Henderson**	
	Soffit fixed and jointing	-	-	2/13		
	Double face fixed jointing	35X	35X	5/13		
	Double face fixed	35	35	-		
Top Guide Rollers 2 per door, except 3600 and 8000 systems which require 4 per door	Metal door - 7000mm max. height	-	-	-	104S/125	104S/125
	Metal door - 12500mm max. height	104/99	104/99	-	104S/175	104S/175
	Metal door - 20000mm max. height	-	-	104/13	104S/200	104S/200
	Wooden door - saddle fixing	53/99	53/99	53/13	-	-
Bottom Rollers 2 per door	Metal door - standard rail (wheel and bolt on only)	1SU	3SU	4SJU	-	-
	Metal door - standard roller	1S	3S	4SJ	3600IR*	8000IR*
	Metal door - geared	-	-	-	3600OR*	8000OR*
	Wooden door	2	3	4J	-	-
Drive Shaft Assembly 1 per door	Drive shaft assembly for 3600 and 8000 rollers	-	-	-	DASM*H	
Handle Assembly 1 per drive shaft assembly	Handle assembly for 3600 and 8000 rollers	-	-	-	WASM	
Bottom Rail	Galvanised steel - 2000, 3000 and 4000mm	298/****	298/****	298/****	-	-
	Heavy steel section - 2700mm	-	-	-	297/2700	297/2700
Stop	Double buffer stop	107	107	107	107	107
Bolts	Shoot bolt	994				
	Offset shoot bolt	994X				

* Replace with L for left hand and R for right hand   **** Replace with length of track for full product code

Sterling Cont.

FOR WOOD DOORS
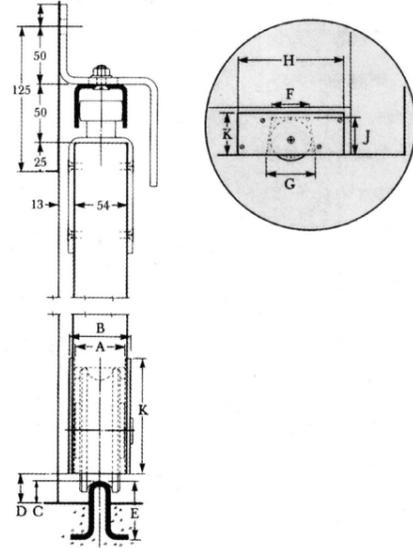
Dimensions

Track	A	B	C	D	E	F	G	H	J	K
350	44	54	20	25	50	115	135	305	95	102
800	51	63	20	30	50	135	175	381	130	152

FOR METAL DOORS
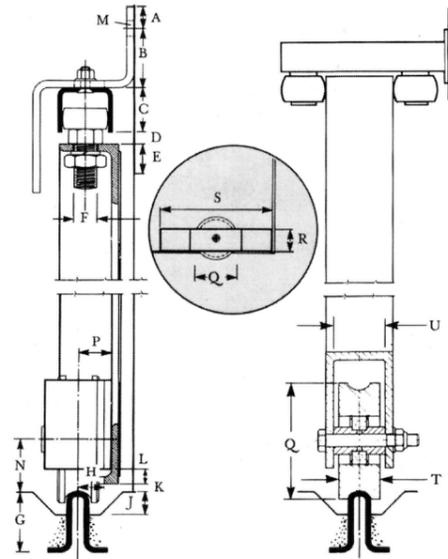
Dimensions

Track	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U
350	20	50	38	10	25	21	50	22	20	6	13	12	44	29	110	75	305	40	50
800	20	50	38	10	25	2	50	22	20	6	13	12	62	32	146	75	381	40	50
2000	32	35	85	25	30	26	50	25	20	10	12	16	85	32	197	102	457	45	56
3600			20	127	32	65	44						286					105	128
8000			20	203	32	65	44						436					105	128

Overhead Runway

Selection of tracks, curves and brackets which can be used to create a variety of overhead runway systems

Overhead runway is a bespoke and tailored solution to combine a range of P C Henderson tracks, curves, brackets and hangers to make a variety of overhead runway systems. The system is ideal for a wide range of applications including curtains, cable carriers, warehouses, dairies and public buildings.

Product Specification

Component	Description	280	290	301	301H	305
Track	Galvanised steel track - 2000, 2500, 3000, 4000, 5000 and 6000mm	280/****	290/****	301/****	301H/****	305/****
Curves	Track curves	280TC	600K	600B	600BH	600D
Brackets	Face fixed, single	281	1A/290	1A/301	1A/301	1A/305
	Soffit fixed, single	-	3A/290	3A/301	3A/301	3A/305
	Soffit fixed, single 'in line'	-	4A/290	4A/301	4A/301	4A/305
	Soffit fixed, single, bolt on	-	4R/290S	4R/301S	4R/301S	4R/305S
Hangers	For sliding wooden doors (2 wheels)	285	-	-	-	-
	For sliding wooden doors (4 wheels)	-	57K/N	-	-	-
	For sliding metal doors (2 wheels)	285N	56.5K/S	56.5A/S	56.5A/S	-
	For sliding metal doors (4 wheels)	-	56K/N	56A/S	56A/S	56C/S
	For folding wooden doors	283	-	-	-	-
	For hanging curtains	288	-	-	-	-
	For hanging curtains with hook	288H	-	-	-	-
	Nylon wheeled hanger and hook	-	58K/N	-	-	-
Stops	Clip stop	601H	-	-	-	-
	Track stop	287	HH3/290	HH3/301	HH3/301	-

**** Replace with length of track for full product code

Folding

Our range of folding door hardware has been expertly designed to cater for doors weighing up to 125kg, interior and exterior applications, endfold and centrefold operation as well as offer a number of configurations to suit most applications.

Whether it be for a bi-folding cupboard, a versatile room divider or a stylish exterior system to open up a home to the outside world – P C Henderson has a folding door solution for every project.

When used internally as room dividers and partitions, folding doors are the perfect way to create flexible living and working environments, allowing an entire room to be opened up at ease. When used externally, folding doors can help to bring the outside in, making the most of natural light and external views.

Range Overview

- Over 12 different systems
- Catering for doors weighing up to 125kg
- Suitable for wooden or metal doors
- Top hung or bottom rolling options
- Internal and external applications

Bifold

For folding wardrobe and cupboard doors weighing up to 14kg

Designed for wooden doors weighing up to 14kg, Bifold offers a folding system for cupboard and wardrobe doors that can complement any room. The system is available in various kit pack options to support a range of door configurations. An optional fittings kit is available for when additional doors are required. This system caters for a maximum of 4 doors to folding to each side.

Product Specification

Product Code	No. of Doors	Track Length	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
B10/2	2	1067mm	2400mm	530mm	18 – 35mm	14kg
B15/4	4 (2+2)	1524mm	2400mm	530mm	18 – 35mm	14kg
B20/4	4 (2+2)	2134mm	2400mm	530mm	18 – 35mm	14kg

Kit Contents

Component	Product Code	Quantity	
		2 Doors	4 Doors
Track	310/****	1	1
Top Pivot Socket	311	1	2
Bottom Pivot	312	1	2
Top Pivot	313	1	2
Bottom Pivot	314	1	2
Nylon Guide	315	1	2
Bumper	316	1	2
Aligner	319	1	2
Hinges	282S	3	4

**** Replace with length of track for full product code

Optional Accessories

Component	Product Code
Additional Door Fittings Kit	BF2

Product Diagrams
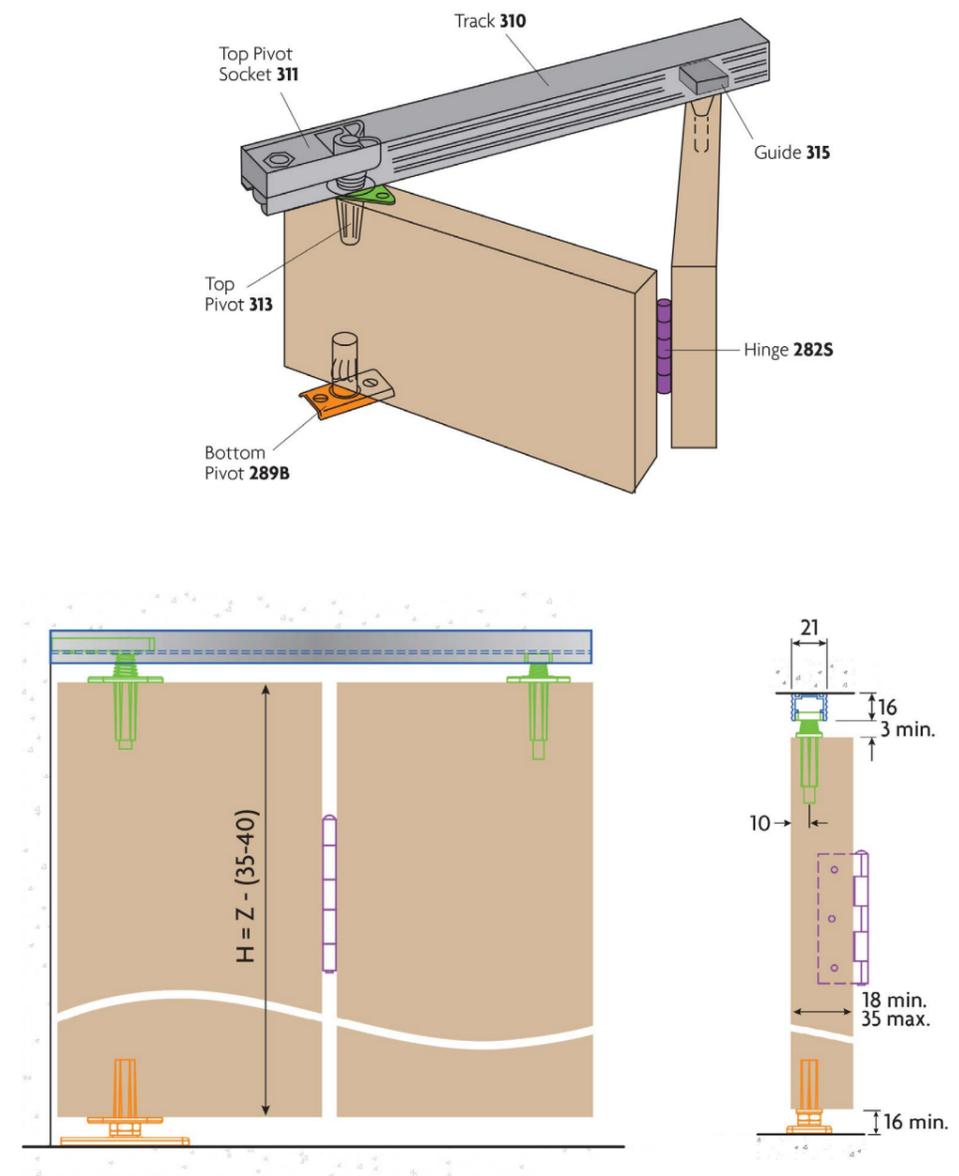
Huskyfold 30

NEW!

For internal folding room dividers and wardrobes weighing up to 30kg

KIT PACK

Max. 30kg

INTERNAL

New to the range, Huskyfold 30 replaces our original Husky Folding system to offer an internal folding door solution ideal for room partitions in the home to enhance flexible living. When open, the doors can neatly stack to one or both sides of the opening to connect two rooms. When closed, the doors divide two rooms into individual spaces.

Catering for doors weighing up to 30kg, Huskyfold 30 utilises components from our popular Husky 120 Pro range to offer a high quality system with effortless operation and low initial friction.

Huskyfold 30 has been designed with the installer in mind to offer easy installation - with a fast fix hanger assembly and spring loaded pivot to allow the doors to be hung quickly and easily. Other new design features include high quality flush hinges which reduces the clearance between the doors to 2mm, as well as removal of a bottom guide channel for a clear walkway between rooms and a hinge handle for easy closure of the doors.

The system is available in a number of door configurations as well as the option to specify a fittings kit for when additional doors are required. To secure the doors in place when close, we recommend purchasing flush bolts with this system.

Product Specification

Product Code	Door Configuration	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
HF30/2/0	2+0	2700mm	850mm	20-44mm	30kg
HF30/2/1	2+1	2700mm	850mm	20-44mm	30kg
HF30/2/2	2+2	2700mm	850mm	20-44mm	30kg
HF30/3/0	3+0	2700mm	850mm	20-44mm	30kg
HF30/3/1	3+1	2700mm	850mm	20-44mm	30kg
HF30/4/0	4+0	2700mm	850mm	20-44mm	30kg

Kit Contents

Component	Product Code	Quantity (Door Configuration)					
		2+0	2+1	2+2	3+0	3+1	4+0
Track	280/**HP	1	1	1	1	1	1
Hanger Assembly	HF/284	1	1	2	1	1	2
Pivot Set	HF/PIVOT	1	2	2	1	2	1
Hinge Set	HF/282	0	0	0	1	1	1
Hinge Handle Set	HF/282H	1	1	2	1	1	2

Optional Accessories

Component	Description	Product Code
Fittings Kit	For an additional 2 doors	HF30/2/0/TL
	For an additional 4 doors	HF30/4/0/TL
Flush Bolts	110mm flush bolt	FB110S

Flush Bolt Quantity by Door Configuration					
2+0	2+1	2+2	3+0	3+1	4+0
1	1	2	1	2	2

Product Diagrams

2+0

2+1

3+0

2+2

3+1

4+0

Key

DW	Door Width
DH	Door Height

Opening Size Formula

Door Configuration	Opening Width	Opening Height
2+0	(DW x 2) + 14	
2+1	(DW x 3) + 20	
2+2	(DW x 4) + 22	
3+0	(DW x 3) + 16	DH + 70
3+1	(DW x 4) + 22	
4+0	(DW x 4) + 18	

Roomflex 40

Professional internal folding door solution ideal for room dividing doors weighing up to 40kg

Roomflex 40 is an internal folding door solution ideal for creating flexible living environments. When open, the doors stack to one or both sides of the opening to create spaces which are great for entertaining. When closed, the smaller rooms can be used for independent activities.

Designed for wooden doors weighing up to 40kg each, Roomflex 40 offers a professional system for joiners and installers. Utilising Husky 120 Pro components, the system has been designed with robust hardware for increased longevity. The system has also been designed without a bottom channel, allowing for a seamless walkway between rooms. Please note: the track must be specified in addition to the kit.

KIT PACK

Max. 40kg

INTERNAL

Product Specification

Product Code	Door Configuration	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
HRP2/0	2+0	3000mm	838mm	35 – 44mm	40kg
HRP2/1	2+1	3000mm	838mm	35 – 44mm	40kg
HRP3/0	3+0	3000mm	838mm	35 – 44mm	40kg
HRP3/1	3+1	3000mm	838mm	35 – 44mm	40kg
HRP2/2	2+2	3000mm	838mm	35 – 44mm	40kg
HRP4/0	4+0	3000mm	838mm	35 – 44mm	40kg
HRP3/2	3+2	3000mm	838mm	35 – 44mm	40kg
HRP3/3	3+3	3000mm	838mm	35 – 44mm	40kg

## Track Specification - Must be purchased in addition to kit

Product Code	Description
280HP/**AN	Anodised aluminium track - 1500. 1800. 2000, 2500, 3000 and 4000mm

**Replace by length of track for full product code (For example, 1500mm = 15, 1800mm = 18)

Kit Contents

Component	Quantity (Door Configuration)							
	2+0	2+1	3+0	3+1	2+2	4+0	3+2	3+3
Pivot Set	1	2	1	2	2	1	2	2
Intermediate Hinge Handle Set	1	1	-	-	2	-	1	-
Offset Hinge Handle Set	-	-	1	1	-	1	1	1
Intermediate Hinge Hanger Set	-	-	1	1	-	1	1	1
End Hanger	1	-	-	-	2	1	1	-
Wrapped Hanger	-	1	-	-	-	-	-	-
Flush Bolts	1	1	1	2	2	2	2	3

Product Diagrams
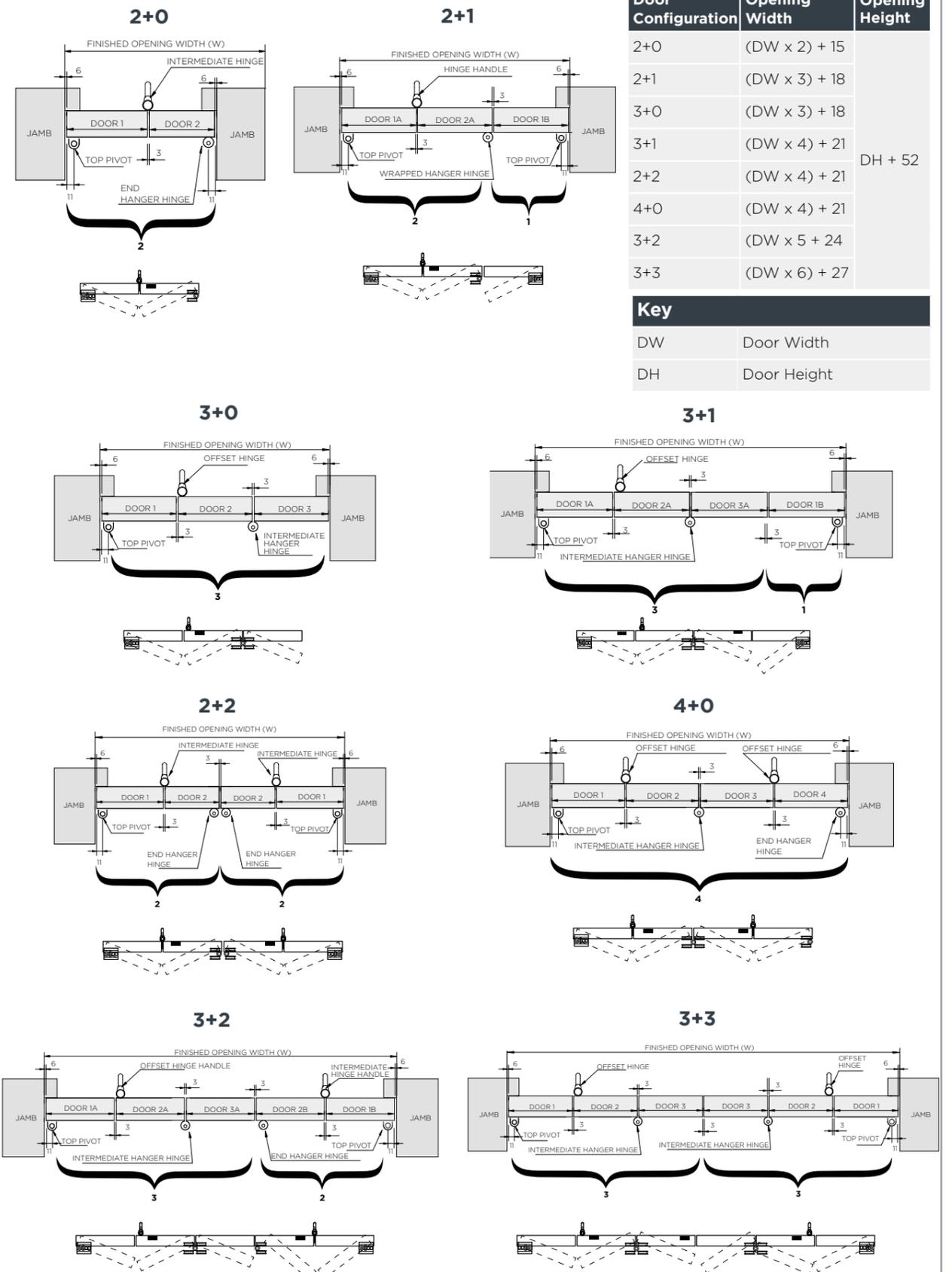
Opening Size Formula

Door Configuration	Opening Width	Opening Height
2+0	(DW x 2) + 15	
2+1	(DW x 3) + 18	
3+0	(DW x 3) + 18	
3+1	(DW x 4) + 21	DH + 52
2+2	(DW x 4) + 21	
4+0	(DW x 4) + 21	
3+2	(DW x 5 + 24	
3+3	(DW x 6) + 27	

Key

DW	Door Width
DH	Door Height

FOLDING

Roomflex 50

Folding door solution for internal, light commercial applications for doors weighing up to 50kg

Roomflex 50 is a high-quality internal folding door system perfectly suited to light commercial applications. Utilising components from our popular Soltaire system, Roomflex 50 offers an extremely durable and smooth running system. The system has also been designed to completely eliminate the need for a bottom channel, allowing for an seamless walkway from room to room.

The system caters for various door configurations which can be created by combining the below kits. The track should be specified in addition to the kit to allow for flexibility of the opening width.

Product Specification

Product Code	Door Configuration	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
RF50K1	2	3000mm	926mm	35 – 44mm	50kg
RF50K2	3	3000mm	926mm	35 – 44mm	50kg
RF50K3	4 (3 + 1)	3000mm	926mm	35 – 44mm	50kg
RFK4	Swing door	3000mm	926mm	35 – 44mm	50kg

Track Specification - Must be purchased in addition to kit

| Product Code	Description
180/****	Anodised aluminium track - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm

**** Replace with length of track for full product code

Kit Contents

Component	RF50K1	RF50K2	RF50K3	RFK4
Pivot Set	1	1	2	1
Hinge Handle Set	1	1	1	-
End Hanger Set	1	-	-	-
110mm Flush Bolt	1	2	2	-
Intermediate Hanger Set	-	1	1	-

Optional Accessories

| Component	Product Code
Frame Perimeter Seal	AQ21*
Door Perimeter Seal	AQ63*
Track Seal (Black)	BS10B

* Replace with colour for full product code (W = white, B = brown)

Product Diagrams

DOOR CONFIGURATIONS

2+0
(RF50K1)

3+0
(RF50K2)

3+1
(RF50K3)

3+2
(RF50K2 + RF50K1)

3+3
(RF50K2 + RF50K2)

2+1
(RF50K1 + RFK4)
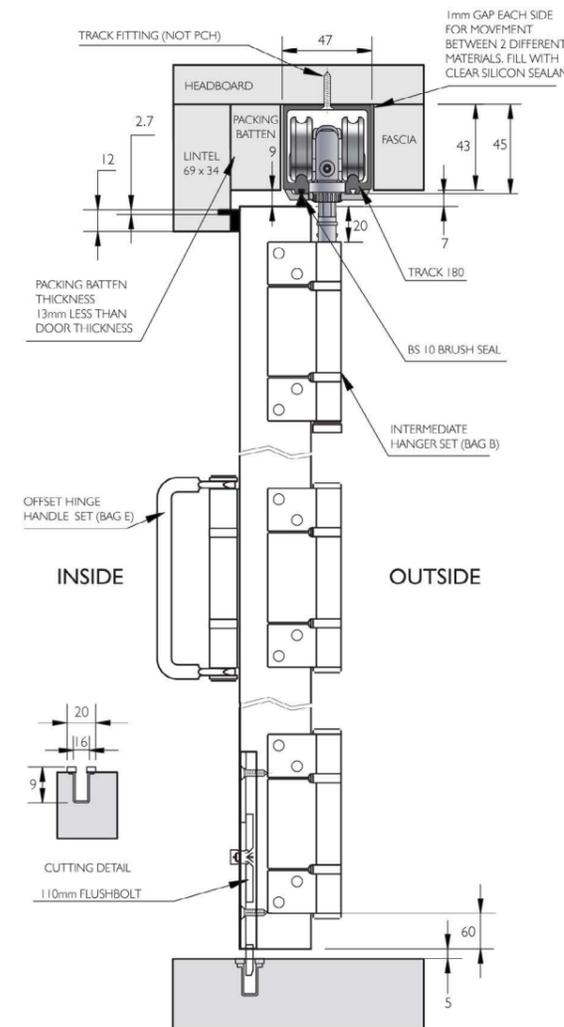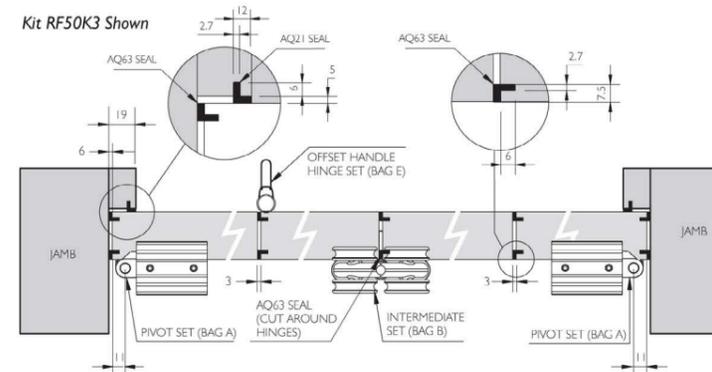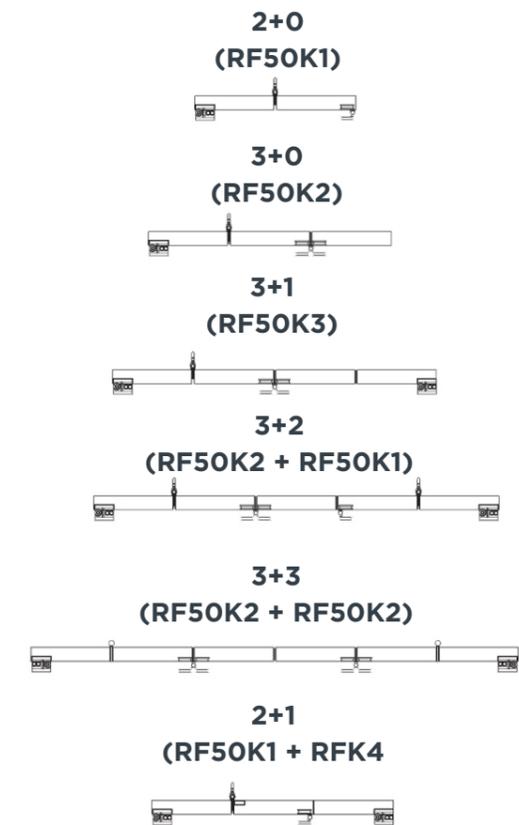
Tangent Folding

For folding wooden or metal doors weighing up to 70kg

Max. 70kg

EXTERNAL

Tangent Folding is a range of robust, top hung hardware systems for folding wooden or metal doors weighing up to 70kg. The system covers any width of opening, allowing any number of doors to be used. Doors can fold to one of both sides of the opening or can be stacked behind a reveal if required. When installed with an even number of panels, doors can be hinged to post or free floating. When an odd number of panels is required, an access door can be incorporated.

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Tangent 290	2400mm	900mm	35 - 50mm	35kg
Tangent 301	3300mm	900mm	45 - 55mm	55kg
Tangent 301H	3600mm	900mm	45 - 55mm	70kg

Product Specification

Component	Description	35kg	55kg	70kg
Track	Galvanised steel track - 2000, 2500, 3000, 4000, 5000 and 6000mm	290/****	301/****	301H/****
Brackets	Face fixed bracket	1A/290	1A/301	1A/301
	Soffit fixed bracket	3A/290	3A/301	3A/301
Hangers	Intermediate hanger	62K	62A	62A
	End hanger	63K	63A	63A
Hinges	Aluminium alloy backflap hinge	65	65	65
Guides	Intermediate guide	67/89	67/97	67/97
	End guide	68/89	68/97	68/97
Channel	Galvanised steel channel - 2000, 2500, 3000, 4000 and 6000mm	89/****	97/****	97/****
Bolt	Shoot bolt		994	
	Offset shoot bolt		994X	

**** Replace with length of track for full product code

Product Diagrams

METAL DOORS
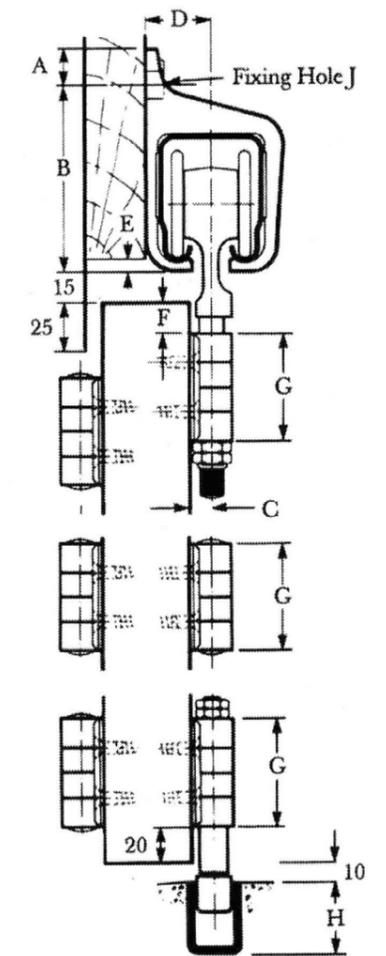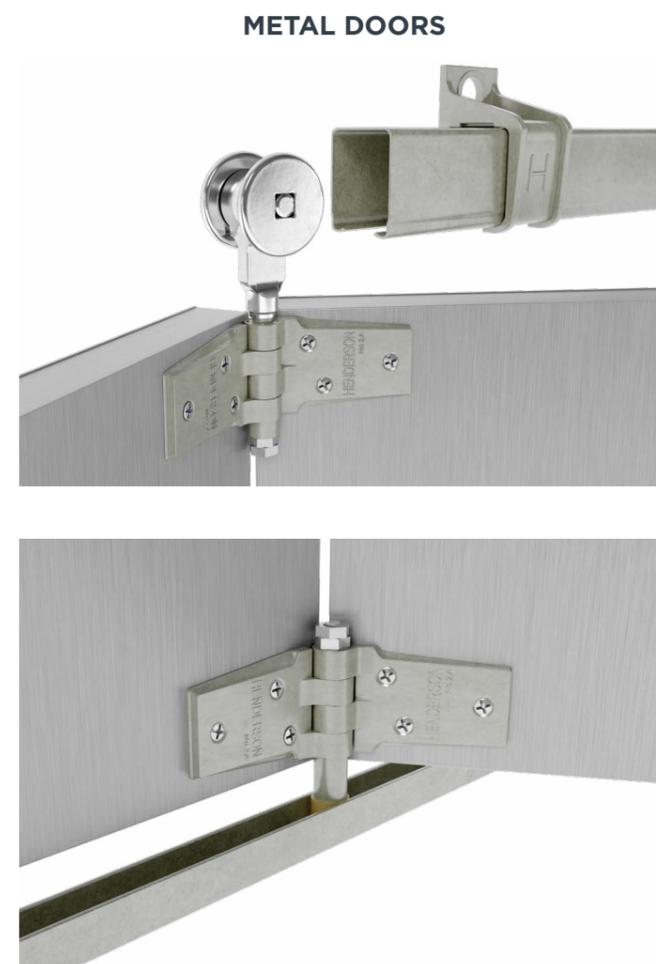
Dimensions

System	A	B	C	D	E	F	G	H	J
290	13	67	11	27	6	10	57	25	M8
301/301H	20	97	11	35	6	15	57	38	M12

Pacer Folding

Internal folding solution for centrefolding or endfolding doors weighing up to 75kg
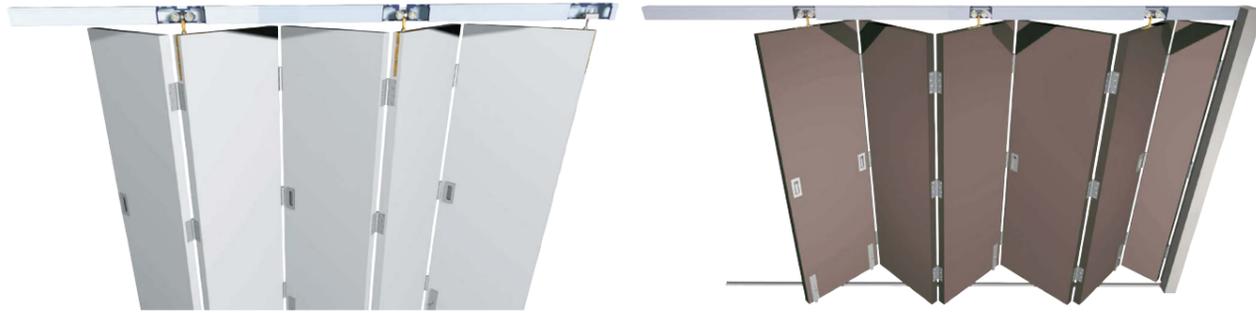
Pacer Enfold

Pacer Endfold is a top hung system catering for end folding doors whereby the hanger fixes to the edge of the door. The system has been designed with an option of two-wheeled or four-wheeled hanger to cover applications weighing up to 65kg. Doors can fold to the right or left of the opening, as well as being hung as floating units.

Pacer Centrefold

Designed for interior folding doors, Pacer Centrefold is a centre folding system whereby the doors are hung centrally below the track, allowing the doors to hang evenly in both rooms when in the stacked position. For applications hinged to the jamb, 1.5, 3.5, 5.5 or 7.5 doors can be used. Doors can fold to one or both sides of the opening.

Max. 75kg

INTERNAL

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Pacer Endfold	2700mm	900mm	35 - 44mm	35kg
Pacer Endfold	2700mm	900mm	35 - 44mm	65kg
Pacer Centrefold	2700mm	900mm	35 - 44mm	35kg
Pacer Centrefold	2700mm	900mm	35 - 44mm	75kg

Product Specification

| Component	Description	Pacer Endfold		Pacer Centrefold	
		35kg	65kg	35kg	75kg
Track	Aluminium mill finish track - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	600/****			
	Anodised aluminium track - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	600/****AN			
Brackets	Face fixed bracket (fixed at 500mm intervals)	1B			
	Jointing bracket	1BX			
Hangers	Two-wheeled end hanger	21B	-	61B	-
	Four wheeled end hanger	-	21B/4	-	61B/4
	Four wheeled offset end hanger - Required when even number of doors fold to the left and right of the opening	-	21BO/4	-	-
Guide	Nylon guide roller	21N/94	21N/94	106N/94	106N/94
Guide Channel	Aluminium guide channel - 1500, 2000, 2500, 3000, 4000 and 6000mm	94X/****			
	Polypropylene guide channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94P/****			
Hinges	Butt hinge - 100 x 55mm	403/2			

**** Replace with length of track for full product code

Product Diagrams

Pacer Endfold
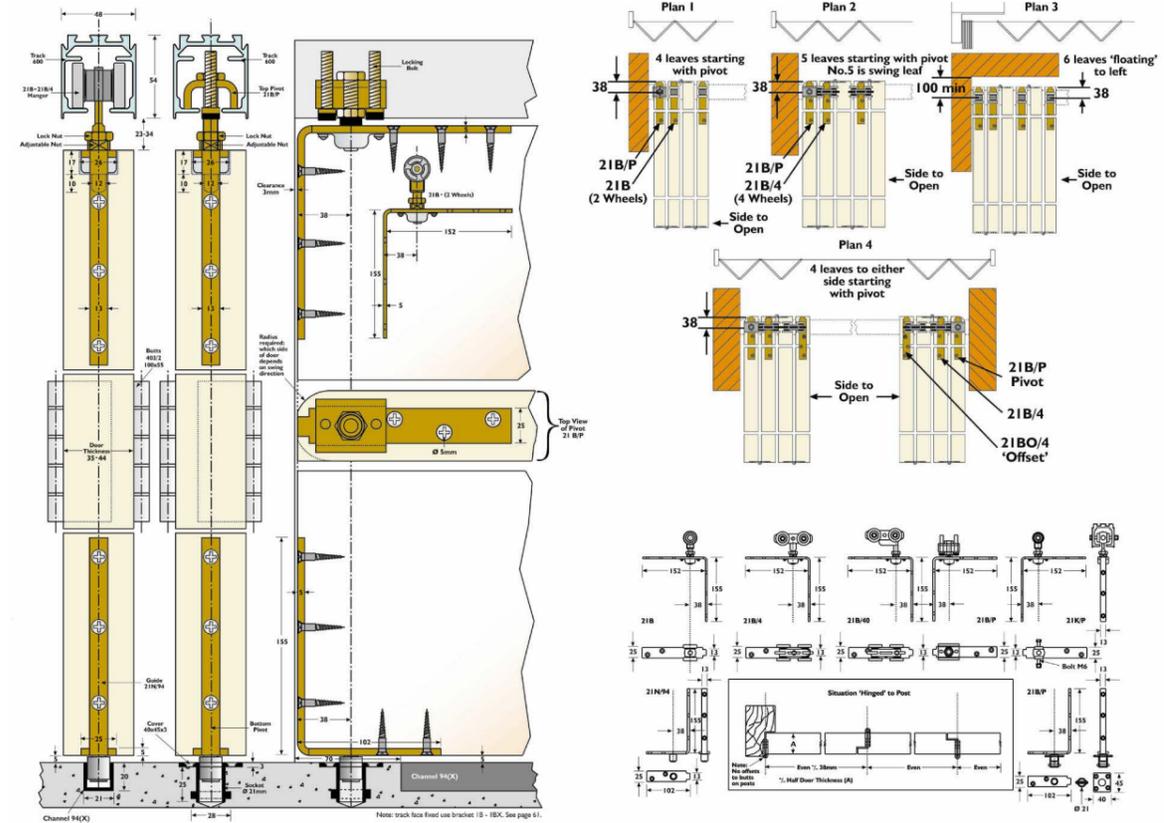
Pacer Centrefold
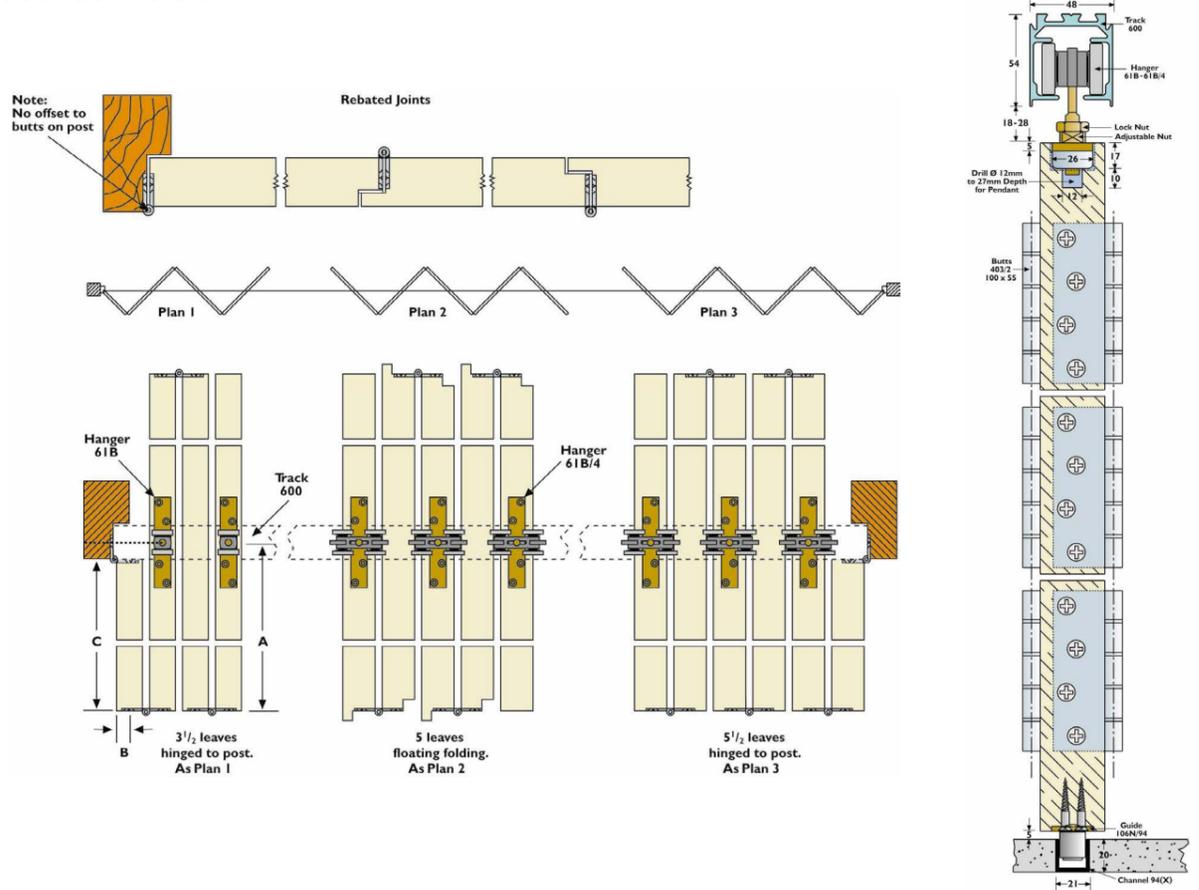
Soltaire Endfold

For metal or wooden end-folding doors weighing up to 75kg

Soltaire Endfold offers a folding door system for doors weighing up to 75kg. Ideal for commercial applications, Soltaire Endfold utilises components from our popular Securefold Pro and Soltaire systems to create an extremely durable and hard-wearing product. Manufactured from marine grade 316 stainless steel, the system is suitable for external and coastal applications.

Available in kit pack format, Soltaire Endfold offers multiple combinations to cover a variety of opening widths, with doors folding to one or both sides of an opening. The system allows adjustment on all doors, and is particularly suitable for partitions where all doors are of equal width.

KIT PACK

Max. 75kg

EXTERNAL

Product Specification

Product	Product Code	Door Configuration	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Soltaire Endfold 45kg	SEF145	2 Door Base Kit	3300mm	900mm	35 – 44mm	45kg
	SEF245	2 Door Add-On Kit	3300mm	900mm	35 – 44mm	45kg
	SF5S	1 Door Add-On Kit	3300mm	900mm	35 - 44mm	45kg
	SEFP	Swing Door	3300mm	900mm	35 - 44mm	45kg
Soltaire Endfold 75kg	SEF175	2 Door Base Kit	3300mm	900mm	35 – 44mm	75kg
	SEF275	2 Door Add-On Kit	3300mm	900mm	35 – 44mm	75kg
	SF5S	1 Door Add-On Kit	3300mm	900mm	35 - 44mm	75kg
	SEFP	Swing Door	3300mm	900mm	35 - 44mm	75kg

Track and Channel Specification - Must be purchased in addition to kit

45kg System	75kg System	Description
180/****	250/****	Anodised aluminium track - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm
94P/****	94P/****	Polypropylene channel in black - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm
94SC/****	94SC/****	Anodised aluminium support channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm

**** Replace by length of track for full product code

Kit Contents

Component	Quantity			
	SEF245/ SEF275	SEF145/ SEF175	SF5S	SEFP
Pivot Set	1	-	-	1
Midset Hinge Set	-	1	1	-
Hinge Handle Set	1	1	-	-
End Hanger and Guide Set	1	1	-	-
110mm Flush Bolt	1	1	-	-

Optional Accessories

Component	Description	Product Code
Seals	Door perimeter seal - brown or white	AQ63B or AQ63W
	Frame perimeter - brown or white	AQ21B or AQ21W
	Black track seal - 10mm (per meter)	BS10B

Product Diagrams

45KG SYSTEM 180 TRACK

75KG SYSTEM 250 TRACK

PLAN 1 2 LEAVES — SEF1

PLAN 2 4 LEAVES — SEF2 SEF1

PLAN 3 3 LEAVES — SF5 SEF1

PLAN 4 2 LEAVES WITH PIVOT DOOR — SEF1 SEFP

ALL LEAVES ARE OF EQUAL WIDTH

T = 35 MIN

94P CHANNEL

OPENING HEIGHT

3 MIN

OW = OPENING WIDTH

DW

FLUSHBOLT

ADD-ON HINGE BAG

FLUSHBOLT

JAMB

JAMB

PIVOT BAG

HANGER BAG

HINGE HANDLE BAG

DW = DOOR WIDTH
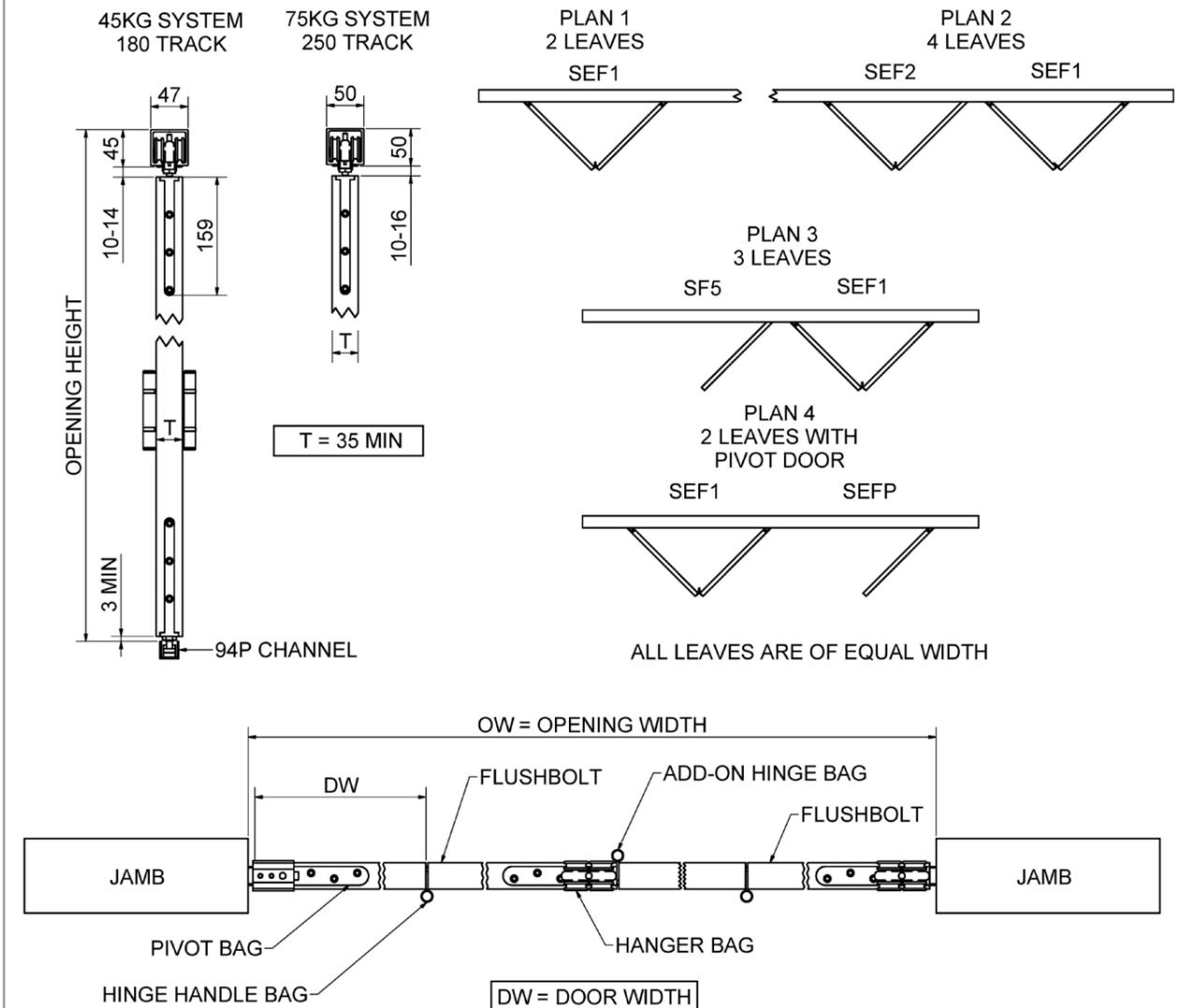
Soltaire Centrefold

For metal or wooden centre folding doors weighing up to 75kg

Soltaire Centrefold is the ideal solution for folding partition doors weighing up to 45kg and 75kg in residential and commercial applications.

As a centre folding system, the doors are hung centrally below the track, allowing the doors to hang evenly in both rooms when in the stacked position. A half door is also required which is hinged to the jamb. As well as offering multiple panel combinations for a variety of opening widths, panels can be floating or fold to one or both sides of the opening,

Manufactured from 316 marine grade stainless steel, Soltaire Centrefold is an extremely durable and hard-wearing system.

KIT PACK

Max. 75kg

INTERNAL

Product Information

Product	Product Code	Door Configuration	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Soltaire Centrefold 45kg	SCF145	1.5 Door Base Kit	3000mm	900mm	35 – 44mm	45kg
	SCF245	2 Door Add-On Kit	3000mm	900mm	35 – 44mm	45kg
	SF5S	1 Door Add-On Kit	3300mm	900mm	35 - 44mm	45kg
Soltaire Centrefold 75kg	SCF175	1.5 Door Base Kit	3300mm	900mm	35 – 44mm	75kg
	SCF275	2 Door Add-On Kit	3300mm	900mm	35 – 44mm	75kg
	SF5S	1 Door Add-On Kit	3300mm	900mm	35 - 44mm	75kg

Track and Channel Specification - Must be purchased in addition to kit

45kg System	75kg System	Description
180/****	250/****	Anodised aluminium track - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm
94P/****	94P/****	Polypropylene channel in black - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm
94SC/****	94SC/****	Anodised aluminium support channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm

**** Replace by length of track for full product code

Kit Contents

Component	Quantity		
	SCF145/ SCF175	SCF245/ SCF275	SF5S
Pivot Set	1	-	-
Midset Hinge Set	-	1	1
Hinge Handle Set	1	1	-
Centrefold Hanger and Guide Set	1	1	-
110mm Flush Bolt	1	1	-

Product Diagrams

45 KG SYSTEM 180 TRACK — 47, 45, 10-14

75KG SYSTEM 250 TRACK — 50, 50, 12-18

OPENING HEIGHT

3 MIN

T = 35 MIN

94P CHANNEL

PLAN 1 $1\frac{1}{2}$ LEAVES — SCF1

PLAN 2 $3\frac{1}{2}$ LEAVES — SCF2 SCF1

PLAN 3 $2\frac{1}{2}$ LEAVES — SF5S SCF1

ALL FULL LEAVES ARE OF EQUAL WIDTH

OW = OPENING WIDTH

PIVOT BAG — HINGE HANDLE BAG — HANGER BAG

JAMB ... JAMB

FLUSHBOLT — ADD-ON HINGE BAG — FLUSHBOLT

HW — DW

HW = HALF-LEAF WIDTH   DW = FULL LEAF WIDTH
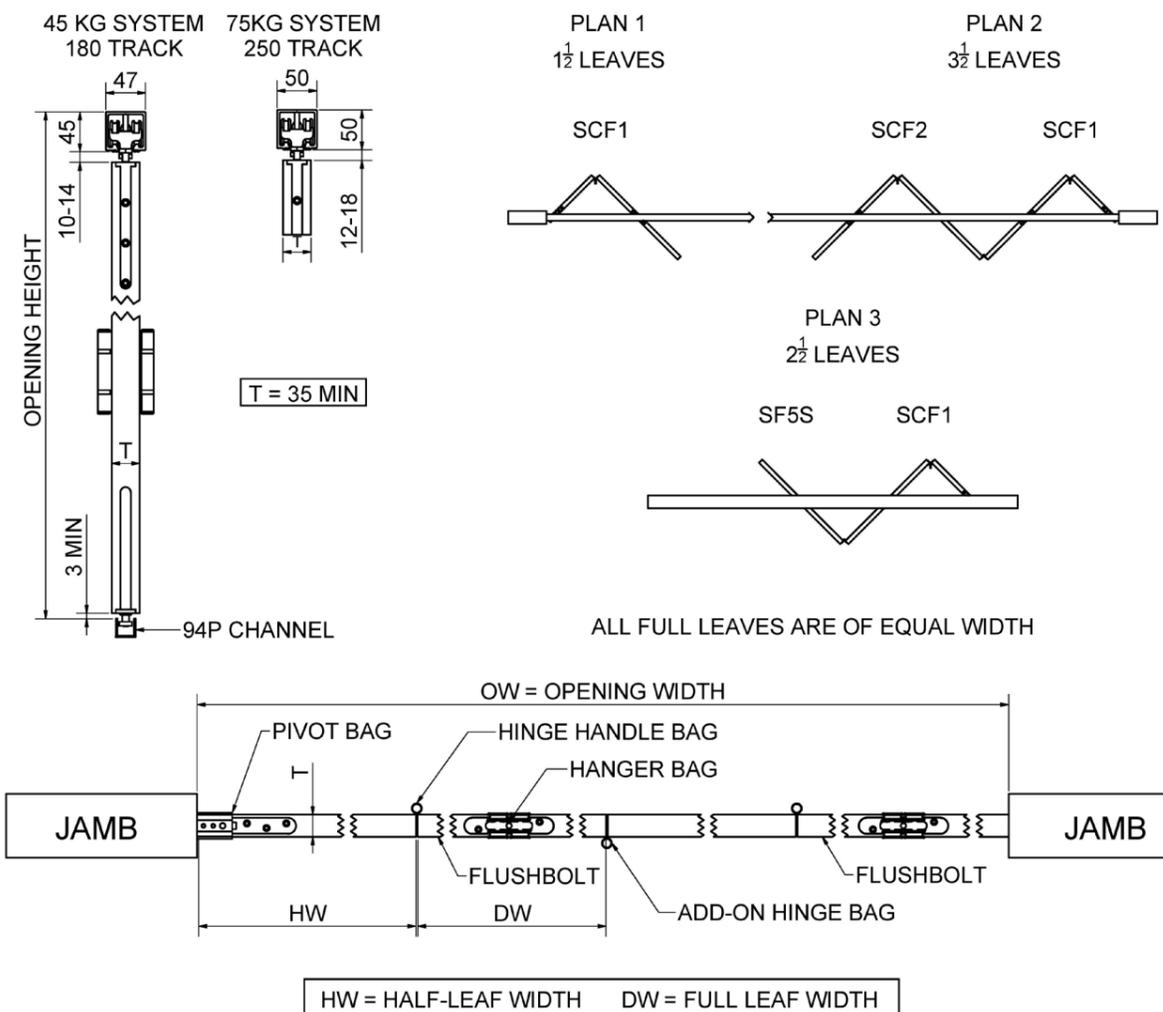
FOLDING

Securefold Bottom Rolling

Bottom rolling system for folding wooden doors weighing up to 80kg

Max. 80kg

EXTERNAL

Utilising bottom rolling technology, Securefold Bottom Rolling offers an external folding system whereby the weight of the door is carried by the floor - allowing the doors to be installed into virtually any space without the need for major structural building support. The system is typically installed in applications such as orangeries, conservatories, out buildings and extensions.

The system has been designed to allow for outward opening with options for standard mortice and non mortice hinges. Available in four stunning finishes - gold, black, chrome or satin - Securefold Bottom Rolling caters for virtually any decor scheme.

As an optional accessory, choose between our range of locking and non locking flush bolts in a range of lengths. Alternatively, our Twinbolt locking system featuring top and bottom throw rods which are operated by the turn of a handle to engage two points of locking.

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Securefold Bottom Rolling	3300mm	1000mm	56 - 68mm	80kg

Product Specification

Component	Description	Hinge Options	
		Standard	**Non Mortice**
Track	Anodised aluminium track - 3000, 4000 and 6000mm	242/****	
Pivot	Pivot assembly	SFBR1*	SFWBR1*
Roller	End roller set	SFBR2*	SFWBR2*
	Intermediate roller set	SFBR4*	SFWBR4*
Hinges	Hinge handle set - outward opening	SF3*	
	Hinge handle set - outward opening	SF7*	
	Intermediate pivot hinge	SF9*	
Meeting Kit	Meeting kit	SFBR8*	SFWBR8*
Channel	Polypropylene channel in black - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94P/****	
	Anodised aluminium support channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94SC/****	

* Replace with colour for full product code (s = satin, c = chrome, g = gold and b = black)
**** Replace with length of track for full product code

Optional Accessories

Component	Description	Product Code
Flush Bolts Non Locking	190mm flush bolt	FB190*
	450mm flush bolt	FB450*
	600mm flush bolt	FB600*
Flush Bolts Locking	190mm flush bolt	FB190L*
	450mm flush bolt	FB450L*
	600mm flush bolt	FB600L*
Twinbolt	Twin locking system	TB/SFBR
	Twinbolt handle	TWINHAN/S
	Routing cover strip	TBCS/**
Seals	Door perimeter seal - brown or white	AQ63B or AQ63W
	Frame perimeter - brown or white	AQ21B or AQ21W
	Black track seal - 10mm (per meter)	BS10B

* Replace with colour for full product code (s = satin, c = chrome, g = gold and b = black)

** Replace with colour for full product code (br = brown, bl = black and wh = white)
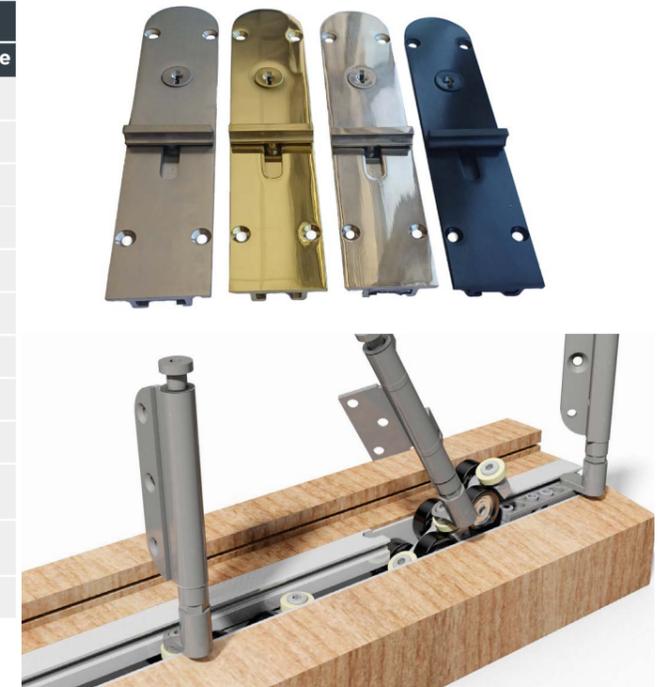
Hinge Options

Mortice Standard

The Securefold standard hinge option combines mortice end door pivots to create a clean finish. The pivot is concealed between the door and the jamb and uses the trusted surface mounted intermediate hinges for ease of installation across the remaining door configurations. The standard hinge is suitable for wooden doors.

Non Mortice

A non mortice hinge is an entirely surface mounted system that requires no routing or additional preparation before the fitting process. This is an easy and versatile option of hardware which can be used on wooden or aluminium doors.

Securefold Bottom Rolling Door Configurations and Hardware Quantities

Door Configuration		Hardware
2 + 0	SF9 · SF3 · SFBR1 · SFBR2	2 x flush bolts, 1 x SFBR1 pivot set, 1 x SF3 hinge set, 1 x SFBR2 end hanger set 1 x SF9 intermediate hanger set
2 + 1	INSIDE/OUTSIDE · SF9 · SF3 · SF9 · SFBR1 · SFBR2 · SFBR1	2 x SF flush bolts 2 x SFBR1 pivot set 1 x SF3 hinge set 1 x SFBR2 end hanger set 2 x SF9 intermediate hanger set
3 +0	INSIDE/OUTSIDE · SF9 · SF7 · SFBR1 · SFBR4	2 x flush bolts 1 x SFBR1 pivot set 1 x SFBR4 intermediate hanger set, 1 x SF7 offset hinge set 1 x SF9 intermediate hanger set
2 + 2	INSIDE/OUTSIDE · SF3 · SF3 · SF9 · SF9 · SFBR1 · SFBR8 · SFBR1	4 x flush bolts, 2 x SFBR1 pivot set, 2 x SF3 hinge set, 1 x SFBR8 rebated end hanger 2 x SF9 intermediate hanger set
3 + 1	INSIDE/OUTSIDE · SF7 · SF9 · SF9 · SFBR1 · SFBR4 · SFBR1	4 x flush bolts, 2 x SFBR1 pivot set, 1 x SFBR4 intermediate hanger set, 1 x SF7 offset hinge set 2 x SF9 intermediate hanger set
4 + 0	INSIDE/OUTSIDE · SF7 · SF7 · SF9 · SFBR1 · SFBR4 · SFBR2	4 x flush bolts, 1 x SFBR1 pivot set, 1 x SFBR4 intermediate hanger set, 2 x SF7 offset hinge set, 1 x SFBR2 end hanger set, 1 x SF9 intermediate hanger set
3 + 2	INSIDE/OUTSIDE · SF7 · SF3 · SF9 · SF9 · SFBR1 · SFBR4 · SFBR2 · SFBR1	4 x flush bolts, 2 x SFBR1 pivot set, 1 x SF3 hinge set, 1 x SFBR4 intermediate hanger set, 1 x SF7 offset hinge set, 1 x SFBR2 end hanger set, 2 x SF9 intermediate hanger set
4 + 1	INSIDE/OUTSIDE · SF7 · SF7 · SF9 · SF9 · SFBR1 · SFBR4 · SFBR2 · SFBR1	4 x flush bolts, 2 x SFBR1 pivot set, 1 x SFBR4 intermediate hanger set, 2 x SF7 offset hinge set, 1 x SFBR2 end hanger set 2 x SF9 intermediate hanger set
5 + 0	INSIDE/OUTSIDE · SF7 · SF3 · SF9 · SFBR1 · SFBR4 · SFBR4	4 x flush bolts, 1 x SFBR1 pivot set, 1 x SF3 hinge set, 2 x SFBR4 intermediate hanger set, 1 x SF7 offset hinge set, 1 x SF9 intermediate hanger set
3 + 3	INSIDE/OUTSIDE · SF7 · SF7 · SF9 · SF9 · SFBR1 · SFBR4 · SFBR4 · SFBR1	6 x flush bolts, 2 x SFBR1 pivot set, 2 x SFBR4 intermediate hanger set, 2 x SF7 offset hinge set, 2 x SF9 intermediate hanger set
4 + 2	INSIDE/OUTSIDE · SF7 · SF7 · SF3 · SF9 · SF9 · SFBR1 · SFBR4 · SFBR8 · SFBR1	6 x flush bolts, 2 x SFBR1 pivot set, 1 x SF3 hinge set, 1 x SFBR4 intermediate hanger set, 2 x SF7 offset hinge set, 1 x SFBR8 rebated end hanger 2 x SF9 intermediate hanger set
5 + 1	INSIDE/OUTSIDE · SF7 · SF3 · SF9 · SF9 · SFBR1 · SFBR4 · SFBR4 · SFBR1	6 x flush bolts, 2 x SFBR1 pivot set, 1 x SF3 hinge set, 2 x SFBR4 intermediate hanger set, 1 x SF7 offset hinge set, 2 x SF9 intermediate hanger set
6 + 0	INSIDE/OUTSIDE · SF7 · SF3 · SF7 · SF9 · SFBR1 · SFBR4 · SFBR4 · SFBR2	6 x flush bolts, 1 x SFBR1 pivot set, 1 x SF3 hinge set, 2 x SFBR4 intermediate hanger set, 2 x SF7 offset hinge set, 1 x SF9 intermediate hanger set 1 x SFBR2 end hanger set

The above table shows the product codes for our mortice standard hinges. If using a non mortice hinge, replace SFBR1 with SFWBR1, SFBR2 with SFWBR2, SFWBR4 with SFWBR4 and SFBR8 with SFWBR8.

Product Diagrams

OFFSET HINGE SET SF7

OFFSET HINGE SET SF7

PIVOT SET SFBR 1

UNIVERSAL GUIDE END ROLLER SET SFBR 2

INTERMEDIATE ROLLER SET SFBR 4

INTERMEDIATE ROLLER SET SFBR4

END ROLLER SET SFBR2

PIVOT SET SFBR1

OFFSET HINGE SET SF7   OFFSET HINGE SET SF7

TC=14

20

DOOR THICKNESS

$DH = OH - (TC + BC)$

OH

$ADJUSTMENT = -0+8$

30

BC=6
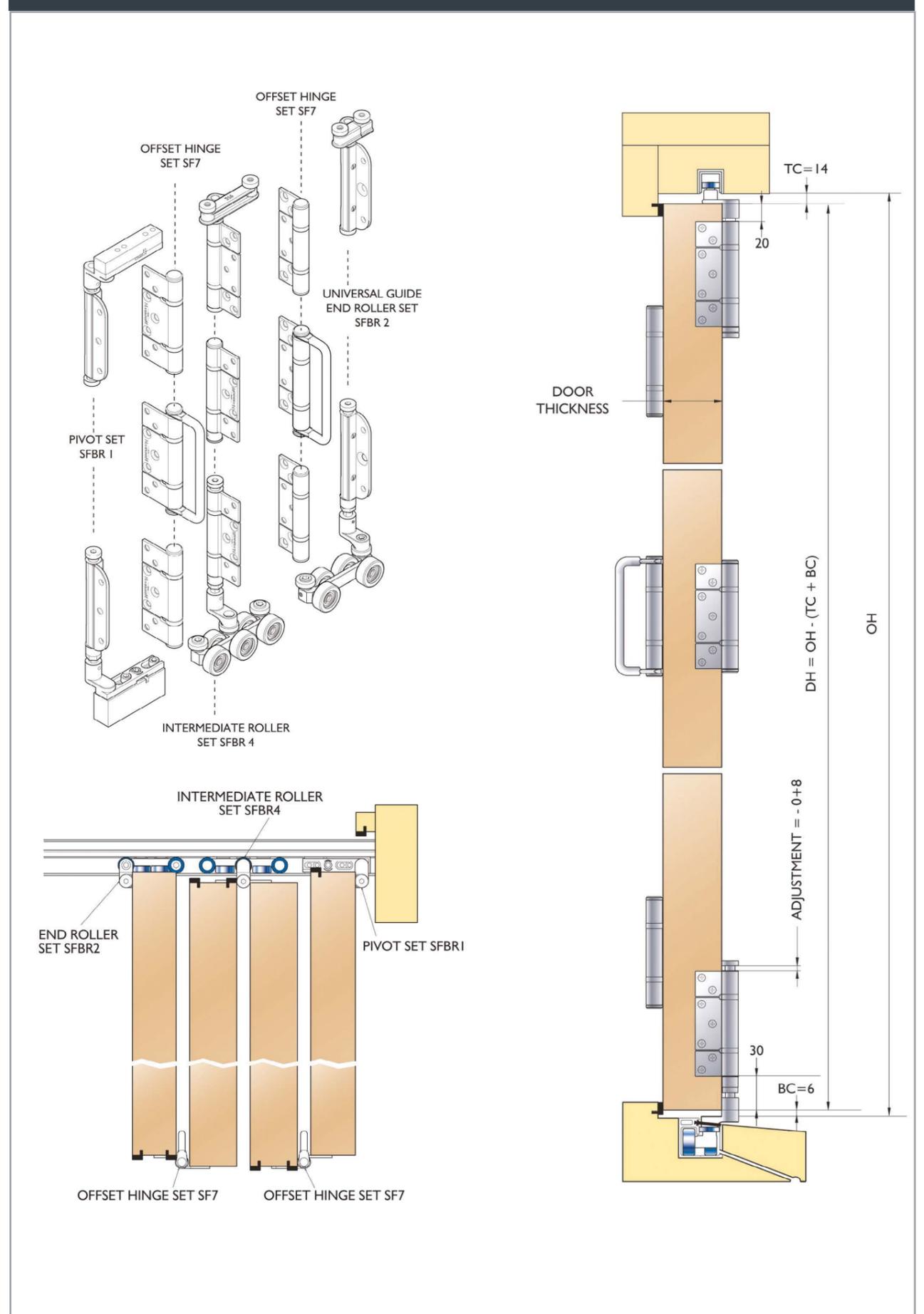
Securefold Pro

The ultimate external bifold door hardware system for doors up to 100kg.

Max. 100kg

EXTERNAL

Securefold offers the very best in external folding door hardware systems to help you securely open up an interior space to the outside world. The system caters for top hung, exterior wooden or aluminium doors weighing up to 100kg and requiring outward or inward opening.

Securefold Pro has been designed with the installer in mind to allow for easy installation and adjustment. Design features include universal end hangers for both left hand and right hand orientations, a pivot for easy lateral adjustment by a simple turn of an allen key and R-Loc - a clever rachet system allowing the installer to easily raise and lower the doors.

Securefold Ultra features enhanced hinges to allow for enhanced security and has been tested to both **PAS 24** and **BS EN 1627 RC2 standards.**

All components are made from marine grade 316 stainless steel to provide exceptional corrosion resistance in external and coastal environments. Our hinges have also been passivated to reduce discolouration when exposed to the elements. Choose between our four stunning finishes to complement virtually any colour scheme - satin, chrome, gold and black.

Optional accessories include flush bolts available in locking and non locking versions for both inward and outward opening. Designed for enhanced grip and with a low profile key to allow the door to close with the key engaged within the lock. A bespoke jamb kit is also available which allows for a professional finish against the jamb.

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Securefold Pro	3300mm	1000mm	35 - 68mm	100kg
Securefold Ultra	3300mm	1000mm	48 - 68mm	100kg

Product Specification - Securefold Pro

Component	Description	Hinge Options		
		Mortice Standard	**Mortice Round**	**Non Mortice**
Track	Anodised aluminium track - 2000, 3000, 4000, 5000 and 6000mm	250/****		
Pivot	Pivot assembly	SFP1*	SFRP1*	SFWP1*
Hanger	Universal end hanger set	SFP2*	SFRP2*	SFWP2*
	Intermediate hanger set	SFP4*	SFR4*	SFP4*
	End hanger rebated meeting kit - for 2 rebated meeting doors	SFP8*	SFP8*	SFWP8*
Hinges	Hinge handle set - outward opening	SF3*	SFR3*	SF3*
	Hinge set - inward opening	SF5*	SFR5*	SF5*
	Hinge set offset - inward opening	SF6*	SFR6*	SF6*
	Hinge handle offset - outward opening	SF7*	SFR7*	SF7*
	Intermediate pivot hinge - optional for doors below 2200mm in height	SF9*	SFR9*	SFW9*
Threshold	Satin aluminium threshold - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	SF94T/****		
	Black aluminium threshold - 2000, 2500, 3000, 3500, 4000 and 6000mm	ST94T/****BL		
	Threshold jamb kit	SF94T/JAMB		
Channel	Polypropylene channel in black - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94P/****		
	Anodised aluminium support channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94SC/****		

* Replace with colour for full product code (s = satin, c = chrome, g = gold and b = black)
**** Replace with length of track for full product code

Product Specification - Securefold Ultra

Component	Description	Mortice Standard
Track	Anodised aluminium track - 2000, 3000, 4000, 5000 and 6000mm	250/****
Pivot	Pivot assembly	SFU1*
Hanger	End hanger set - available in left and right hand options	SFU2#*
	Intermediate hanger set	SFU4*
	End hanger rebated meeting kit - for 2 rebated meeting doors	SFP8*
Hinges	Hinge set - outward opening	SFP3*
	Hinge handle offset - outward opening	SFP7*
	Intermediate pivot hinge	SFU9*
Channel	Polypropylene channel in black - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94P/****
	Anodised aluminium support channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94SC/****

* Replace with colour for full product code (s = satin, c = chrome, g = gold and b = black)   # Replace with L for left hand and R for right hand
**** Replace with length of track for full product code

Flush Bolts

Component	Description	Product Code	
		Non Locking	**Locking**
Flush Bolts Outward opening	190mm flush bolt	FB190*	FB190L*
	450mm flush bolt	FB450*	FB450L*
	600mm flush bolt	FB600*	FB600L*
Flush Bolts Inward opening	190mm flush bolt	FB190IB*	FB190IBL*
	190mm flush bolt - necked	FB190IT*	-
	450mm flush bolt - necked	FB450IT*	-
	600mm flush bolt - necked	FB600IT*	-

* Replace with colour for full product code (s = satin, c = chrome, g = gold and b = black)

Optional Accessories

Component	Description	Product Code
Handle	Handle	SF10*
Twinbolt	Twinbolt locking system	TB/SF
	Twinbolt handle	TWINHAN/S
	Routing cover strip	TBCS/**
Seals	Door perimeter seal - brown or white	AQ63B or AQ63W
	Frame perimeter - brown or white	AQ21B or AQ21W
	Black track seal - 10mm (per meter)	BS10B

Hinge Options

Mortice Standard

The Securefold standard hinge option combines mortice end door pivots to create a clean finish. The pivot is concealed between the door and the jamb and uses the trusted surface mounted intermediate hinges for ease of installation across the remaining door configurations.

Mortice Round

Mortice round hinges, also known as mortice radius, are perfectly suited to joiners and installers with access to CNC machinery. The hinges are routed into the frame of the door, providing a flush and professional finish.

Non Mortice

A non mortice hinge is an entirely surface mounted system that requires no routing or additional preparation before the fitting process. This is an easy and versatile option of hardware which can be used on wooden or aluminium doors.

Product Diagrams

(Technical product diagrams with labels including:)

1mm GAP EACH SIDE FOR MOVEMENT BETWEEN 2 DIFFERENT MATERIALS FILL WITH CLEAR SILICON SEALANT

TRACK FIXING (NOT BY PCH)
PACKING BATTEN
LINTEL 69 X 34
FASCIA
*PACKING BATTEN THICKNESS 12mm LESS THAN DOOR THICKNESS
TRACK 250
BS10B BRUSH SEAL
INTERMEDIATE HANGER SET KIT 4
JAMB CAP IN LINE WITH TRACK
INSIDE   OUTSIDE
HINGE HANDLE
OFFSET 8mm
SILL REBATE
AQ21B SEAL
Ø10 DRILL FOR DRAINAGE AT 1000mm CENTRES, 300mm CENTRES FOR EXTREME CONDITIONS
POLYPROYLENE CHANNEL 94P

JAMB REBATE
CHANNEL
INTERMEDIATE HANGER SET KIT 4
CENTRE LINE OF CHANNEL
JAMB LEAF / INTERMEDIATE LEAF / INTERMEDIATE LEAF / END HANGER LEAF
PIVOT SET KIT 1
CENTRE LINE OF HANGER, GUIDE, PIVOT AND TRACK
END HANGER SET KIT 2
OFFSET HINGE SET KIT 7

AQ21B SEAL
AQ63B SEAL
AQ63B SEAL
AQ63B SEAL (CUT AROUND HINGES)
OFFSET HINGE SET KIT 7
JAMB
PIVOT SET KIT 1
INTERMEDIATE HANGER SET KIT 4
END HANGER SET KIT 2

JAMB CAP IN LINE WITH TRACK
JAMB CAP GASKET
GAP CAN BE REDUCED 5mm IF DOORS ARE MADE 4mm LONGER AND BOTTOM OF PIVOT/ GUIDES ARE LOCALLY CHECKED IN
ALTERNATIVE ALUMINIUM THRESHOLD SF94T SUPPLIED BY PCH - COMES COMPLETE WITH 94P AND ENDCAPS AND IS PREDRILLED FOR DRAINAGE. REFER TO PAGE 11.

Securefold Door Configurations and Hardware Quantities

	Outward Opening		Inward Opening	
	Door Configuration	Hardware	Door Configuration	Hardware
2 + 0	*(SF9, SFP2, SFP1, SF3)*	2 x flushbolts, 1 x SFP1 pivot set, 1 x SF3 hinge set, 1 x SFP2 end hanger set 1 x SF9 intermediate hanger set	*(SF5, SFP1, SFP2)*	2 x flushbolts, 1 x SFP1 pivot set, 1 x SF5 hinge set, 1 x SFP2 end hanger set
2 + 1	*(SF9, SFP2, SF9, SFP1, SF3)*	2 x SF flushbolt 2 x SFP1 pivot set 1 x SF3 hinge set 1 x SFP2 end hanger set 2 x SF9 intermediate hanger set	*(SF5, SFP1, SFP2, SFP1)*	2 x flush bolts, 2 x SFP1 pivot set, 1 x SF5 hinge set, 1 x SFP2 end hanger set
3 +0	*(SF9, SFP4, SFP1, SF7)*	2 x flush bolts 1 x SFP1 pivot set 1 x SFP4 intermediate hanger set, 1 x SF7 offset hinge set 1 x SF9 intermediate hanger set	*(SF6, SFP1, SFP4)*	2 x flush bolts, 1 x SFP1 pivot set, 1 x SF6 offset hinge set, 1 x SFP4 intermediate hanger set.
2 + 2	*(SF9, SFP8, SFP8, SF9, SFP1, SF3, SF3)*	4 x flush bolts, 2 x SFP1 pivot set, 2 x SF3 hinge set, 1 x SFP8 rebated end hanger 2 x SF9 intermediate hanger set	*(SF5, SF5, SFP1, SFP8, SFP8, SFP1)*	4 x flush bolts, 2 x SFP1 pivot set, 2 x SF5 hinge set, 1 x SFP8 rebated end hanger.
3 + 1	*(SF9, SFP4, SF9, SFP1, SF7)*	4 x flush bolts, 2 x SFP1 pivot set, 1 x SFP4 intermediate hanger set, 1 x SF7 offset hinge set 2 x SF9 intermediate hanger set	*(SF6, SFP1, SFP4, SFP1)*	4 x flush bolts, 2 x SFP1 pivot set, 1 x SF6 offset hinge set, 1 x SFP4 intermediate hanger set.
4 + 0	*(SF9, SFP4, SFP2, SFP1, SF7, SF7)*	4 x flush bolts, 1 x SFP1 pivot set, 1 x SFP4 intermediate hanger set, 2 x SF7 offset hinge set, 1 x SFP2 end hanger set, 1 x SF9 intermediate hanger set	*(SF6, SF6, SFP1, SFP4, SFP2)*	4 x flush bolts, 1 x SFP1 pivot set, 2 x SF6 offset hinge set, 1 x SFP4 intermediate hanger set, 1 x SFP2 end hanger set
3 + 2	*(SF9, SFP4, SFP2, SF9, SFP1, SF7, SF3)*	4 x flush bolts, 2 x SFP1 pivot set, 1 x SF3 hinge set, 1 x SFP4 intermediate hanger set, 1 x SF7 offset hinge set, 1 x SFP2 end hanger set, 2 x SF9 intermediate hanger set	*(SF6, SF5, SFP1, SFP4, SFP2, SFP1)*	4 x flush bolts, 2 x SFP1 pivot set, 1 x SFP4 intermediate hanger set, 1 x SF5 hinge set, 1 x SFP6 offset hinge set, 1 x SF2 end hanger set
4 + 1	*(SF9, SFP4, SFP2, SF9, SFP1, SF7, SF7)*	4 x flush bolts, 2 x SFP1 pivot set, 1 x SFP4 intermediate hanger set, 2 x SF7 offset hinge set, 1 x SFP2 end hanger set 2 x SF9 intermediate hanger set	*(SF6, SF6, SFP1, SFP4, SFP2, SFP1)*	4 x flush bolts, 2 x SFP1 pivot set, 1 x SFP4 intermediate hanger set, 2 x SF6 offset hinge set, 1 x SFP2 end hanger set
5 + 0	*(SF9, SFP4, SFP4, SFP1, SF7, SF3)*	4 x flush bolts, 1 x SFP1 pivot set, 1 x SF3 hinge set, 2 x SFP4 intermediate hanger set, 1 x SF7 offset hinge set, 1 x SF9 intermediate hanger set	*(SF6, SF5, SFP1, SFP4, SFP4)*	4 x flush bolts, 1 x SFP1 pivot set, 2 x SFP4 intermediate hanger set, 1 x SF5 hinge set, 1 x SF6 offset hinge set.
3 + 3	*(SF9, SFP4, SFP4, SF9, SFP1, SF7, SF7)*	6 x flush bolts, 2 x SFP1 pivot set, 2 x SFP4 intermediate hanger set, 2 x SF7 offset hinge set, 2 x SF9 intermediate hanger set	*(SF6, SF6, SFP1, SFP4, SFP4, SFP1)*	6 x flush bolts, 2 x SFP1 pivot set, 2 x SFP4 intermediate hanger set, 2 x SF6 offset hinge set.
4 + 2	*(SF9, SFP4, SFP8, SFP8, SF9, SFP1, SF7, SF7, SF3)*	6 x flush bolts, 2 x SFP1 pivot set, 1 x SF3 hinge set, 1 x SFP4 intermediate hanger set, 2 x SF7 offset hinge set, 1 x SFP8 rebated end hanger 2 x SF9 intermediate hanger set	*(SF6, SF6, SF5, SFP1, SFP4, SFP8, SFP8, SFP1)*	6 x flush bolts, 2 x SFP1 pivot set, 1 x SFP4 intermediate hanger set, 1 x SF5 hinge set, 2 x SF6 offset hinge set, 1 x SFP8 rebated end hanger.
5 + 1	*(SF9, SFP4, SFP4, SF9, SFP1, SF7, SF3)*	6 x flush bolts, 2 x SFP1 pivot set, 1 x SF3 hinge set, 1 x SFP4 intermediate hanger set, 1 x SF7 offset hinge set, 2 x SF9 intermediate hanger set	*(SF6, SF6, SF5, SFP1, SFP4, SFP4, SFP1)*	6 x SF flush bolts, 2 x SFP1 pivot set, 2 x SFP4 intermediate hanger set, 1 x SF5 hinge set, 1 x SF6 offset hinge set.
6 + 0	*(SF9, SFP4, SFP4, SFP2, SFP1, SF7, SF3, SF7)*	6 x flush bolts, 1 x SFP1 pivot set, 1 x SF3 hinge set, 2 x SFP4 intermediate hanger set, 2 x SF7 offset hinge set, 1 x SF9 intermediate hanger set 1 x SFP2 end hanger set	*(SF6, SF5, SF6, SFP1, SFP4, SFP2, SFP2)*	6 x SF flush bolts, 1 x SFP1 pivot set, 2 x SFP4 intermediate hanger set, 1 x SF5 hinge set, 2 x SF6 offset hinge set, 1 x SFP2 end hanger set.

Please note: The above diagrams show Securefold Pro components with a standard mortice hinge. For Securefold Ultra or Securefold Pro with mortice round or non mortice hinges applications, please replace product codes with the relevant components listed on page 85.

Flexirol Folding

For heavyweight endfolding or centrefolding doors weighing up to 125kg

Flexirol Endfold

Flexirol Endfold is the perfect partner for commercial applications requiring heavy-weight, folding doors. Designed as an end-folding system, the hangers are fixed to the edge of the door. Doors can be hung to the left or right of an opening as well as hung as a floating unit.

Flexirol Centrefold

Flexirol Centrefold offers a centrefolding system for heavyweight doors in commercial applications whereby the doors can fold to one or both sides of the opening. For applications hinged to the jamb, 1.5, 3.5, 5.5 and 7.5 doors can be used.

Max. 125kg

INTERNAL

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Flexirol Endfold	4500mm	1200mm	43 - 57mm	125kg
Flexirol Centrefold	4500mm	1200mm	43 - 57mm	125kg

Product Specification

| Component	Description	Flexirol Endfold	Flexirol Centrefold
Track	White aluminium track - 2000, 2500, 3000, 4000, 5000 and 6000mm	550/****	
	Aluminium mill finish track - 2000, 3000, 4000, 5000 and 6000mm	550/****M	
Brackets	Face fixed bracket (fixed at 500mm intervals)	1A/550	
	Soffit fixed adjustable, suspended ceiling bracket	3S/550	
Hangers	Hanger	556/21	556/61
Pivots	Top and bottom pivot set	21/550P	-
Guides	Brass end roller guide	21R/94	-
	Nylon guide roller	-	106N/94
Hinges	Butt hinge	403/3	
Guide Channel	Brass guide channel - 1500 and 3000mm	94/****	
	Aluminium guide channel - 1500, 2000, 2500, 3000, 4000 and 6000mm	94X/****	
	Polypropylene guide channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94P/****	
	Anodised aluminium support channel - 2000, 2500, 3000, 4000, 5000 and 6000mm	94SC/****	

**** Replace with length of track for full product code

Optional Accessories

| Component	Description	Product Code
Flush Bolt	Flush bolt - non locking - 110mm	FB110S
	Flush bolt - non locking - 190mm	FB190*
	Flush bolt - locking - 190mm	FB190L*

* Replace with colour for full product code (s = satin, c = chrome, g = gold and b = black)

Product Diagrams

Flexirol Endfold
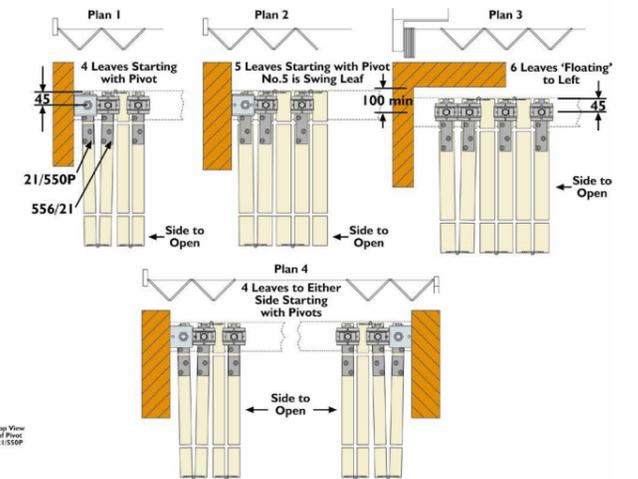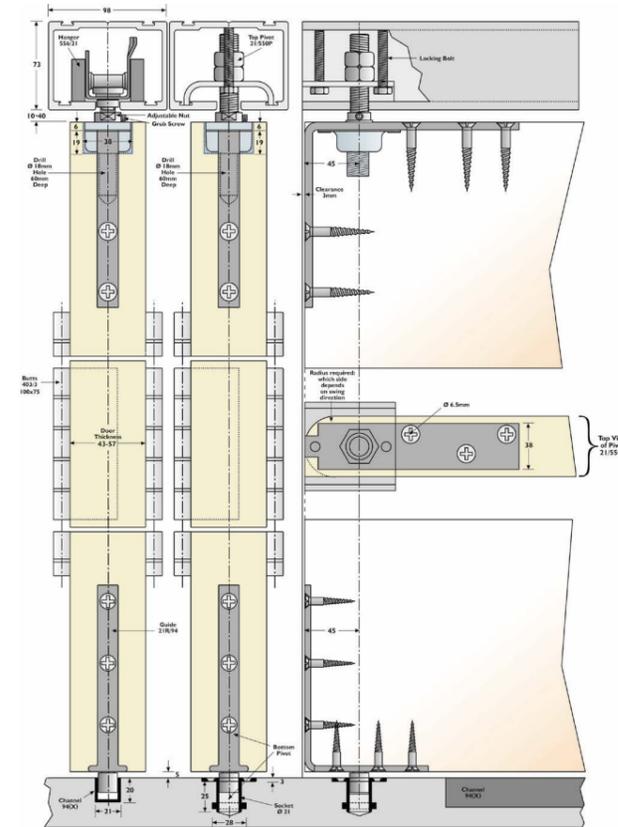
Flexirol Centrefold
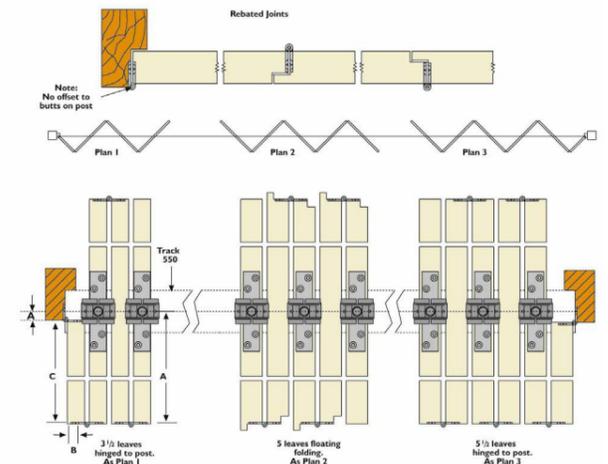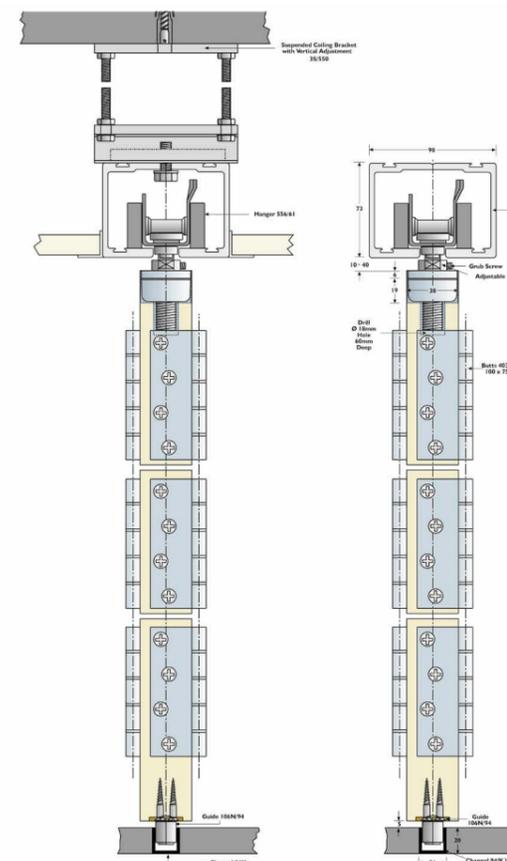
Specialist Systems

For unique and specialist applications, we offer a range of hardware solutions including round-the-corner garage doors, sliding automated doors, sliding shutter solutions and multidirectional partitions.

Typically used for garage doors, **Round-the-Corner** offers a robust solution for applications where a unit of stacked doors would be impractical or unsuitable.

Evolve, our range of **automated sliding door systems**, offers an exceptionally convenient and highly sophisticated solution for residential and light commercial applications. Doors can be operated by button, remote control or activation of a movement sensor. Choose between our standard sliding or pocket door systems.

Shutter Slide offers a high performing **sliding hardware system** for the movement of external **shutters** to help harvest energy, optimise room temperatures, increase air ventilation and provide flexible privacy options in residential and commercial applications. This versatile system offers a wide range of possibilities including various door configurations and manual or automated operation.

Finally, our range of **multidirectional door hardware systems** offers a tailored solution for doors requiring 90 or 135 degree movements. This system is ideal for commercial applications including shop fronts, room partitions, conference centres, showrooms and moveable walls.

Range Overview

• 4 specialist hardware systems
• Catering for various maximum door weights between 35kg and 500kg.
• Suitable for wooden, metal or glass doors
• Internal and external applications

Tangent Round the Corner

Round the corner system perfect for garage door applications
for doors weighing up to 70kg

Suitable for garage door applications, Tangent Round the Corner is a robust top hung system which allows a number of doors to slide around a corner and is ideal in applications whereby a stack of parked doors would be impractical.

The system caters for wooden and metal doors weighing up to 70kg. Only 3 to 5 panels should be hinged in 1 unit, but any number of units may be used to suit panels between 711mm and 900mm wide.

Max. 70kg

**EXTERNAL**

Product Information

Product	Door Width Range	Door Thickness Range	Max. Door Weight
Tangent RTC 290	711 - 900mm	35 - 50mm	35kg
Tangent RTC 301	711 - 900mm	45 - 55mm	55kg
Tangent RTC 301H	711 - 900mm	45 - 55mm	70kg

Product Specification

Component	Description	290	301	301H
Track	Steel track - 2000, 2500, 3000, 4000, 5000 & 6000mm	290/****	301/****	301H/****
Track Curves	For single (x1) or bi-parting doors (x2)	600K	600B	600BH
Brackets Fix every 900mm max. and at track joints and curves. Fix jointing brackets /sleeve at both curved ends	Face fixed brackets, single	1A/290	1A/301	1A/301
	Face fixed brackets, single jointing	1AX/290	1AX/301	1AX/301
	End clip for bracket	1A/290EC	1A/301EC	1X/301EC
Hangers 1 per door joint and end door	Intermediate hanger	62K	62A	62A
	End hanger	63K	63A	63A
Hinges	Backflap hinge	65	65	65
Guides 1 per door joint and end door	Intermediate guide	67/89	67/97	67/97
	End guide	68/89	68/97	68/97
Channel	Galvanised steel channel - 2000, 2500, 3000, 4000 and 6000mm. 89 not available in 60000mm	89/****	97/****	97/****
Channel Curve	Galvanised steel channel curve	601/89	601/97	601/97
Stops	Stop with single rubber buffer	109	109	109
	Stop with double rubber buffer	107	107	107
Track Stop	Track stop	HH3/290	HH3/301	HH3/301
Bolts	Shoot bolt		994	
	Offset shoot bolt		994X	
	Shoot bolt for use with 89 channel and 97 channel	994/89	994/97	994/97

**** Replace with length of track for full product code

Product Diagrams

Bracket no. 1A
Track curve no. 600
Hanger no. 63
Hanger no. 62
Hanger no. 65
Guide no. 68
Guide no. 67
107 End Stop

Fixing hole J

For convenient locking R should not exceed 360mm, but 115mm-230mm is ideal. If the swing leaf under the curve is not required R should be a min. of 690mm to accommodate the corner curve

600mm min. if swing leaves not fitted

Front packing batten (= door thickness less K)

Jointing bracket no. 1AX or 4RX (301 track) at curve ends

Side packing batten thickness L

Dimensions

Track	A	B	C	D	E	F	G	H	J	K	L
290	13	67	11	27	6	10	57	25	M8	6	65
301/301H	20	97	11	35	6	15	57	25	M12	16	70

Wood Doors

Metal Doors
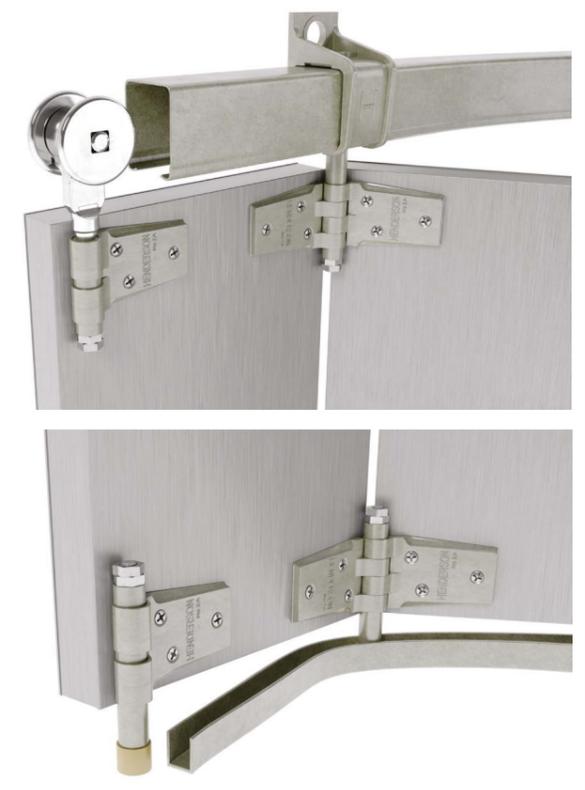
Evolve

Automated sliding system for wooden, metal or glass doors weighing up to 80kg

Evolve offers a smooth and reliable automated sliding system - an ideal solution for mobility access or a light commercial application.

Evolve is available in kit pack format for wood, metal or glass doors used in single or bi-parting applications. The kit includes wall mounted control panels to allow the doors to be opened by the push of a button, alternatively a remote control or motion sensor can be purchased as an optional extra.

KIT PACK | AUTOMATED | Max. 80kg | INTERNAL

Product Specification

Product Code	No. of Doors	Door Material	Track Length	Door/Glass Thickness Range	Door Width Range	Max. Door Weight
E80/20	1	Wood/Metal	2000mm	30 - 50mm	675 - 1100mm	80kg
E80/30		Wood/Metal	3000mm	30 - 50mm	675 - 1600mm	80kg
10/E80/20		Glass	2000mm	10mm	760 - 1100mm	80kg
10/E80/30		Glass	3000mm	10mm	760 - 1600mm	80kg
12/E80/20		Glass	2000mm	12mm	760 - 1100mm	80kg
12/E80/30		Glass	3000mm	12mm	760 - 1600mm	80kg
ESIM80/40	2 Bi-Parting	Wood/Metal	4000mm (2 x 2000mm)	30 - 50mm	675 - 1058mm	40kg (per door)
10/E80SIM/40		Glass		10mm	760 - 1058mm	40kg (per door)
12/E80SIM/40		Glass		12mm	760 - 1058mm	40kg (per door)

Kit Contents

Component	Product Code
Track	120/****
Hangers or Glass Clamps	51/120/SS or Glass Clamps
Floor Guide	101SS or 8-12/SN
Track Stops	HH4/AN
Toothed Belt	-
Belt Clamp	-
Tensions Wheel	-
Face Fixed Brackets	-
Motor (1.5m cable length)	-
24V Transformer	-
Wall Mounted Control Panels	-

**** Replace with length of track for full product code

Optional Accessories

Component	Product Code
Remote Control Kit	(E2/RCK)
Radar Motion Sensor	(ER/*)

*Available in black (ER/B), white (ER/W) or aluminium (ER/S)

Drive Unit Specification

Specification	Detail
Operation Voltage:	24V safety - low voltage via external power unit
Maximum Operating Speed (door weight dependent)	Up to 80kg - 20cm/s max speed Up to 60kg - 23cm/s max. speed Up to 40kg - 26cm/s max. speed
Running Performance:	Soft start and stop
Safety Function:	Includes obstacle detection in both directions
Configurable Options:	Push and go, closing speed, auto closing delay timer can all be configured to user preference

Product Diagrams

Wooden or Metal Door Application


Glass Door Application
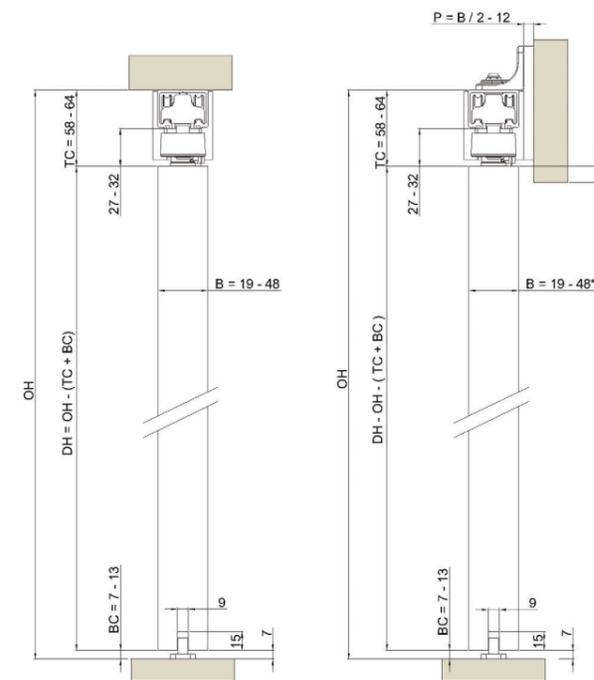
For metal doors, suitable fixings must be used.
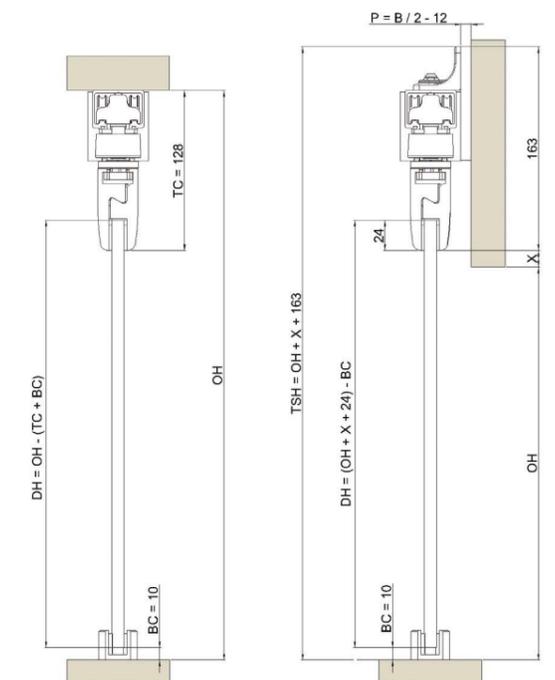
Single Door Application
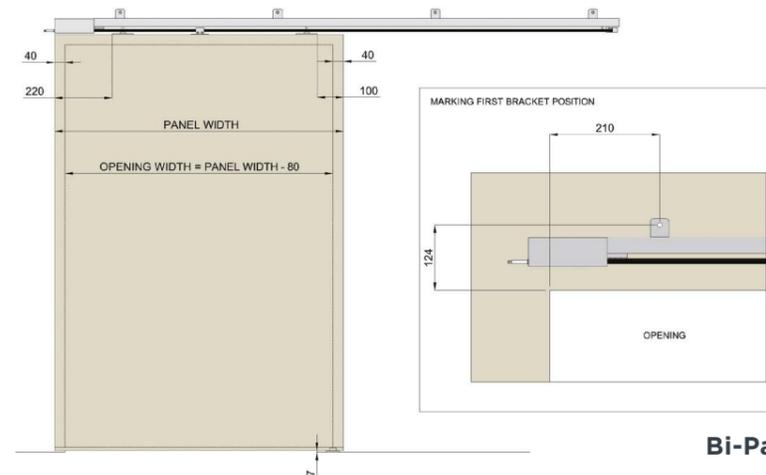
Bi-Parting Door Application
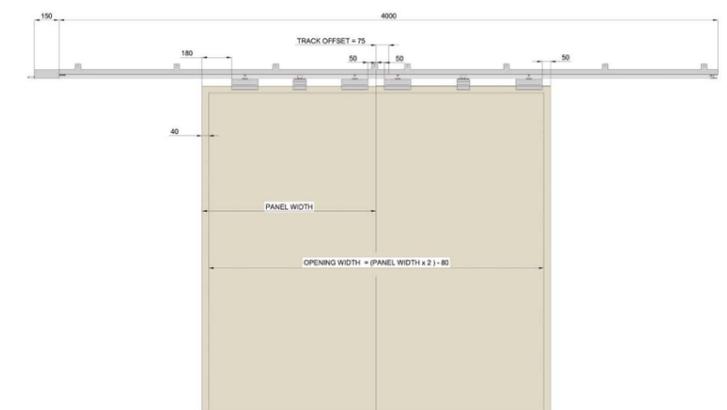
Evolve Pocket Door Pro

Automated sliding system for pocket doors weighing up to 80kg

Evolve Pocket Door Pro is a professional hardware solution that allows doors to automatically slide into a cavity wall. Catering for wooden doors weighing up to 80kg in residential or light commercial applications, the system is ideal for rooms where space is limited such as bathrooms, en-suites or kitchens as well as improving mobility access.

The system comes with wall mounted control panels as standard. Alternatively, the doors can also be opened by remote control or activation of a movement sensor - see our optional accessories for more details.

Evolve Pocket Door Pro has been designed with the installer in mind to make installation and maintenance of the system as easy as possible. The high-quality aluminium cavity frame comes with push together parts for rapid installation.

The system is available in kit pack format, which can be cut to size, and caters for a finished wall thickness of 120mm or 125mm. For bi-parting doors, two kits should be purchased. For a professional finish, a liner kit is available for both single or bi-parting door applications as an optional extra.

KIT PACK

Max. 80kg

AUTOMATED

INTERNAL

Product Specification

Product Code	Track Length	Max. Door Width	Max. Door Height	Door Thickness	Max. Weight	Finished Wall Thickness
EVOPRO10	1890mm	930mm	2315mm	35 - 44mm	80kg	120mm or 125mm

Optional Liner Kit

Product Code		Max. Door Thickness	Finished Wall Thickness
Single Doors	Bi-parting Doors		
LK/120	BILK/120	45mm	120mm
LK/125	BILK/125	45mm	125mm

Optional Accessories

Component	Product Code
Remote Control Kit	(E2/RCK)
Radar Motion Sensor	(ER/*)

*Available in black (ER/B), white (ER/W) or aluminium (ER/S)

Kit Contents

Component	Quantity
Aluminium Track	1
Aluminium Uprights	4
Hangers	2
Floor Guide	1
Fixing Plate	4
Header Fixing Bracket	8
Door Stop	1
Noggin c/w Fixing Block	4
Floor Bracket	4
Tie Back & Fixing Block	4
Motor	-
Toothed Belt, Clamp & Tension Wheel	-
24V Transformer	-
Wall Mounted Control Panels	2

Drive Unit Specification

Specification	Detail
Operation Voltage:	24V safety - low voltage via external power unit
Maximum Operating Speed (door weight dependent)	Up to 80kg - 20cm/s max speed; Up to 60kg - 23cm/s max. speed; Up to 40kg - 26cm/s max. speed
Running Performance:	Soft start and stop
Safety Function:	Includes obstacle detection in both directions
Configurable Options:	Push and go, closing speed, auto closing delay timer can all be configured to user preference

Product Diagrams

Key

OW	Overall height
OH	Overall width
DH	Door height
DW	Door width
PH	Passage height
PW	Passage width
WT	Finished wall thickness

For Bi-Parting Doors
PW = (2 x DW) - 50

Finished Wall Thickness Calculation

120mm Finished Wall Thickness - 95mm cavity + 12.5mm plasterboard either side = 120mm finished wall thickness

125mm Finished Wall Thickness - 100mm cavity + 12.5mm plasterboard either side = 125mm finished wall thickness

Opening Size Guide

Kit	Max. Passage Width (W x H)	Overall Dimensions (W x H)	Cavity Thickness	Finished Wall Thickness (FWT)
EVOPRO10	880mm x 2305mm	1890mm x 2385mm	95mm or 100mm	120mm or 125mm

Shutter Slide

Straight sliding hardware for the movement of manual and automatic louvre panels

KIT PACK

AUTOMATED

Max. 120kg

EXTERNAL

Shutter Slide offers a high performing straight sliding shutter system designed for external applications to help harvest energy, optimise room temperatures, increase air ventilation and provide flexible privacy options. The highly flexible system can cater for wooden and metal external louvre panels and shutters weighing up to 120kg.

The system has been designed to offer a variety of inspiring and functional design possibilities. Browse our Shutter Slide kit packs for easy specification and installation of single sliding panels, with an automation kit available as an optional extra. Alternatively, the system can be specified as individual components to cater for single panel; simultaneous action panel or telescopic panel variants for both manual or automated operation.

Available in 24V or 230V options, our state of the art motors can be operated by the push of a button or remote control. Alternatively the motors can be wired into the central control panel of a building, please consult the P C Henderson technical team for more details. As an optional accessory, specify our wall profile kit for a sleek and minimalistic finish.

Manufactured from 316 marine grade stainless steel, hard wearing polymers and anodised aluminium, Shutter Slide is extremely robust, highly corrosion resistant and developed to ensure a long lifespan.

Kit Specification - Single Panels

Product Code	Track Length	Min Panel Width	Max. Panel Height	Panel Thickness Range	Max. Door Weight
SHUTTER/20	2000mm	400mm	3000mm	35 - 50mm	120kg
SHUTTER/30	3000mm	400mm	3000mm	35 - 50mm	120kg

Kit Optional Accessories

Component	Product Code
Automation kit for single shutters weighing up to 80kg	E120/AUTO
Wall profile, fascia and end caps - 2000, 2500, 3000, 4000, 5000 and 6000mm	WP50/****

**** Replace with length of track for full product code

Automation Kit Contents

Component	Product Code	Quantity
Track	120/****	1
Hanger	51/120/SS	2
Support Channel	94SC/****	1
Polypropylene Channel	94P/****	1
Guide	106SS/94	2
Track Stop	HH4/AN	2

**** Replace with length of track for full product code

Product Information - use below tables when specifying parts individually

Configuration	Min Panel Width	Max. Panel Height	Panel Thickness Range	Max. System Width	Max. Panel Weight Manual	Max. Panel Weight Automatic
Single Panel	400mm	3000mm	35 - 50mm	6000mm	120kg	120kg
Simultaneous Action (2 panels)	400mm	3000mm	35 - 50mm	6000mm	120kg	60kg
Telescopic (2+0)	400mm	3000mm	35 - 47mm	6000mm	120kg	80kg
Telescopic (3+0)	400mm	3000mm	35 - 47mm	6000mm	120kg	60kg

Product Specification

Component	Description	Product Code
Track	Anodised aluminium track - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	120/****
Hanger	Top fixed, surface mounted hanger for wooden and metal panels	51/120/SS
	Angle frame hanger for metal louvre panels	56/120/SS
Wall Profile Kit	Wall profile, fascia and endcaps for single track - 2000, 2500, 3000, 4000 and 6000mm	WP50/****
	Wall profile, fascia and endcaps for double track - 2000, 2500, 3000, 4000 and 6000mm	WP100/****
Guide Channels	U profile channel with L channel and gasket - 2000, 3000, 4000 and 6000mm	GSSULR/****
	Anodised aluminium support channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94SC/****
	Polypropylene channel - 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm	94P/****
Guides	L plate available - 40, 60 and 100mm lengths	GSS/MK**
	Guide to be used with GSS/MK L plate - wide base (10mm depth)	GSS/SBK10
	Guide to be used with GSS/MK L plate - narrow base (10mm depth)	GSS/SSK10
	Black nylon guide, floor mounted or panel mounted (4mm depth)	GSS/SL
	Concealed guide	106SS/94
Stop	Track stop	HH4/AN

**** Replace with length of track for full product code   ** Replace with length for full product code

Telescopic Specification - must be specified when creating an telescopic system

Component	Description	Telescopic (2 + 0)	Telescopic (3 + 0)
Telescopic Set	Telescopic set for 2 or 3 panels	E/TEL2	E/TEL3

Automation Specification - must be specified when creating an automated system

Component	Description	Product Code
Motor (can carry up to 3 shutters in one direction)	24V motor with two wall mounted control panels	E120/24V
	230V motor - control panel built within motor	E120/230V
Belt, Clamp and Pulley	Belt 10mm (per metre)	E/B10
	Clamp - 10mm	E/CL10
	Pulley wheel	E/PA10
Accessories	Remote control kit (for use with 24V motor only)	E2/RCK

SPECIALIST

Cover
• Aluminium
• Covers and protects the drive

Carrier Profile
• Easy wall mounting
• Even possible on thermal insulation

Toothed Belt
• Long term tested power transmission
• High performance belts
• Nylon coated

Engine
• For sliding shutters with a weight of up to 120kg
• Control: open/close/stop
• Force cut off, without limit switches
• 24V-technique for operational safety

Guide Rail and Slider
• Many variants according to your plans

Single Panel

Simultaneous Action

Note: Fascia is optional

SPECIALIST

Telescopic

Telescopic (2 panels)

Telescopic (3 panels)

Telescopic (1 + 2 panels)

Telescopic (3 + 1 panels)

Telescopic (2 + 2 panels)

Telescopic (3 + 3 panels)

Telescopic Configurations
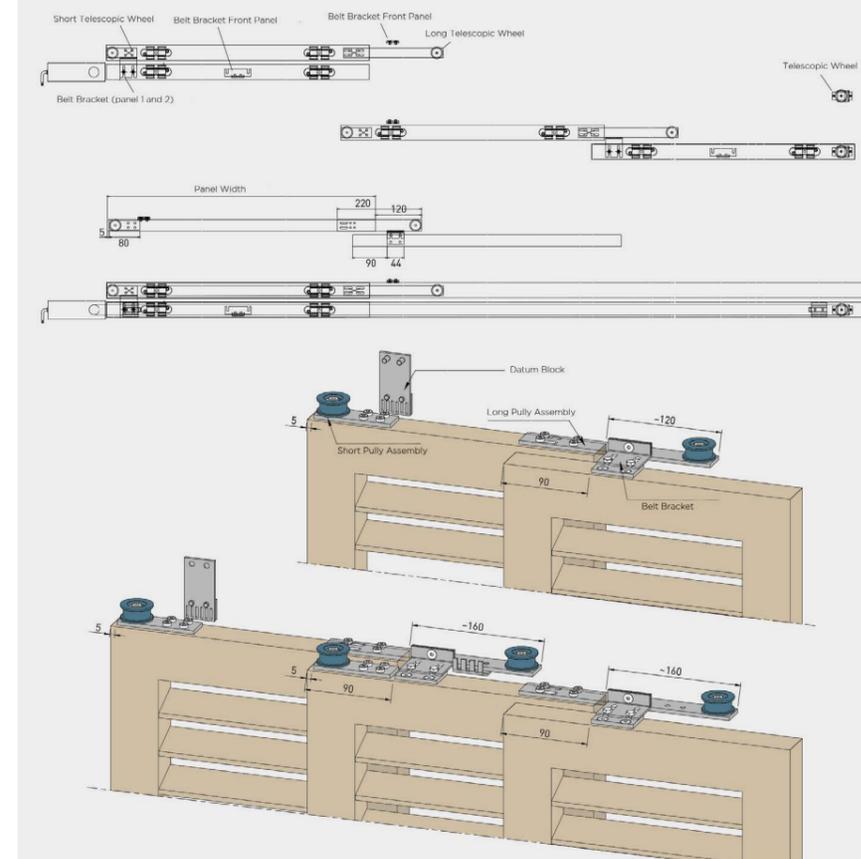
Flexirol Multidirectional

Bespoke, tailored solution for wood or aluminium doors requiring 90 or 135 degree movement

Our Flexirol Multidirectional is a tailored solution for heavy weight doors requiring 90 degree and 135 degree movements. When open, doors slide to one or both sides of the opening. Flexirol Multidirectional 90 is designed for doors up to 100kg and Flexirol Multidirectional 135 caters for doors up to 500kg.

Catering for wood and aluminium doors, the system is ideal for commercial applications including shop fronts, internal room partitions, conference centres and showrooms. The system has been designed with a stacking formation which allows panels to be stored entirely clear of the opening, leaving a walkway that is clear from obstruction.

The system can also be made entirely bespoke and tailored to your exact requirements.

Max. 500kg

INTERNAL

Product Information

Product	Max. Door Width	Max. Swing Door Width	Max. Door Height	Door Thickness Range	Max. Door Weight
Flexirol Multidirectional 90	6000mm	1200mm	6000mm	40 - 100mm	100kg
Flexirol Multidirectional 135	6000mm	1200mm	6000mm	40 - 100mm	500kg

Product Specification

Component	Description	90 °	135 °
Track	White Aluminium track - 2000, 2500, 3000, 4000, 5000 and 6000mm	550/****	550/****
	Mill finish track - 2000, 3000, 4000, 5000 and 6000mm	550/****M	550/****M
Stacking Area	Made bespoke. Contact P C Henderson for more details.		
Hangers 2 per door	Angle plate fixing	555/21	556/21
	Concealed fixing	555/61	556/61
	Metal hanger	555	556
Pivots	Pivot set	21/550P	21/550P
Brackets	Face fixed	1A/550	1A/550
	Suspended soffit fixed	3S/550	3S/550
Stops	Track stop	HH3/301	HH3/301

**** Replace with length of track for full product code

Product Diagrams

Flexirol Multidirectional 90

Flexirol Multidirectional 135

SPECIALIST

SPECIALIST
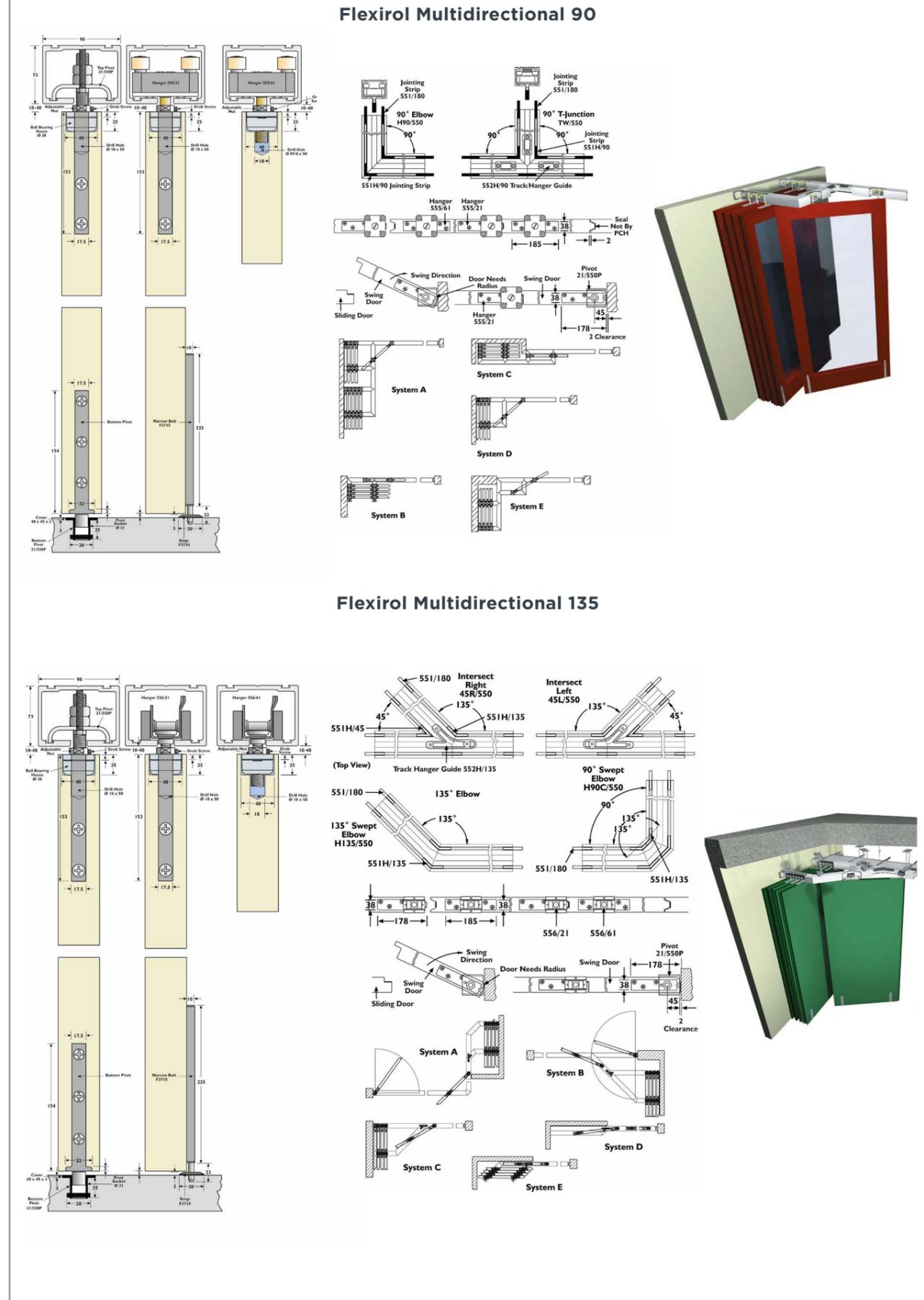
Flexirol Multidirectional Glass

Bespoke solution for glass panels weighing up to 500kg requiring 90 or 135 degree movement

Our Flexirol Multidirectional Glass is a bespoke system for glass panels weighing up to 500kg and requiring 90 degree or 135 degree movement. When open, panels stack neatly to one or both sides of the opening, leaving the walkway clear of obstruction.

Flexirol Multidirectional Glass 90 is designed for panels up to 100kg and requiring 90 degree movement and Flexirol Multidirectional Glass 135 caters for panels up to 500kg and requiring 135 degree movement.

Catering for glass panels of 10mm or 12mm thickness, the system is ideal for commercial applications including shop fronts, internal room partitions, conference centres and showrooms. The system has been designed with a glass profile which attaches to the top and bottom of the glass panel, as well as a unique stacking area

Max. 500kg

INTERNAL

Product Information

Product	Max. Door Width	Max. Swing Door Width	Max. Door Height	Glass Thickness	Max. Door Weight
Flexirol Multidirectional Glass 90	1000mm Per 100kg of glass	1200mm	4000mm	10mm or 12mm	100kg
Flexirol Multidirectional Glass 135	1000mm per 100kg of glass	1200mm	4000mm	10mm or 12mm	500kg

Product Specification

Component	Description	90 °	135 °
Track	White Aluminium track - 2000, 2500, 3000, 4000, 5000 and 6000mm	550/****	550/****
	Mill finish track - 2000, 3000, 4000, 5000 and 6000mm	550/****M	550/****M
Stacking Area	Made bespoke. Contact P C Henderson for more details.		
Brackets	Face fixed	1A/550	1A/550
	Soffit fixed	3S/550	3S/550
Hangers	90 or 135 degree hanger	555	556S
Glass Profile	Top and bottom glass profile - made to measure	FRP02	FRP02
Pivots	Pivot set	21/550GP	21/550GP
Stop	Track stop	HH3/301	HH3/301

**** Replace with length of track for full product code

Product Diagrams
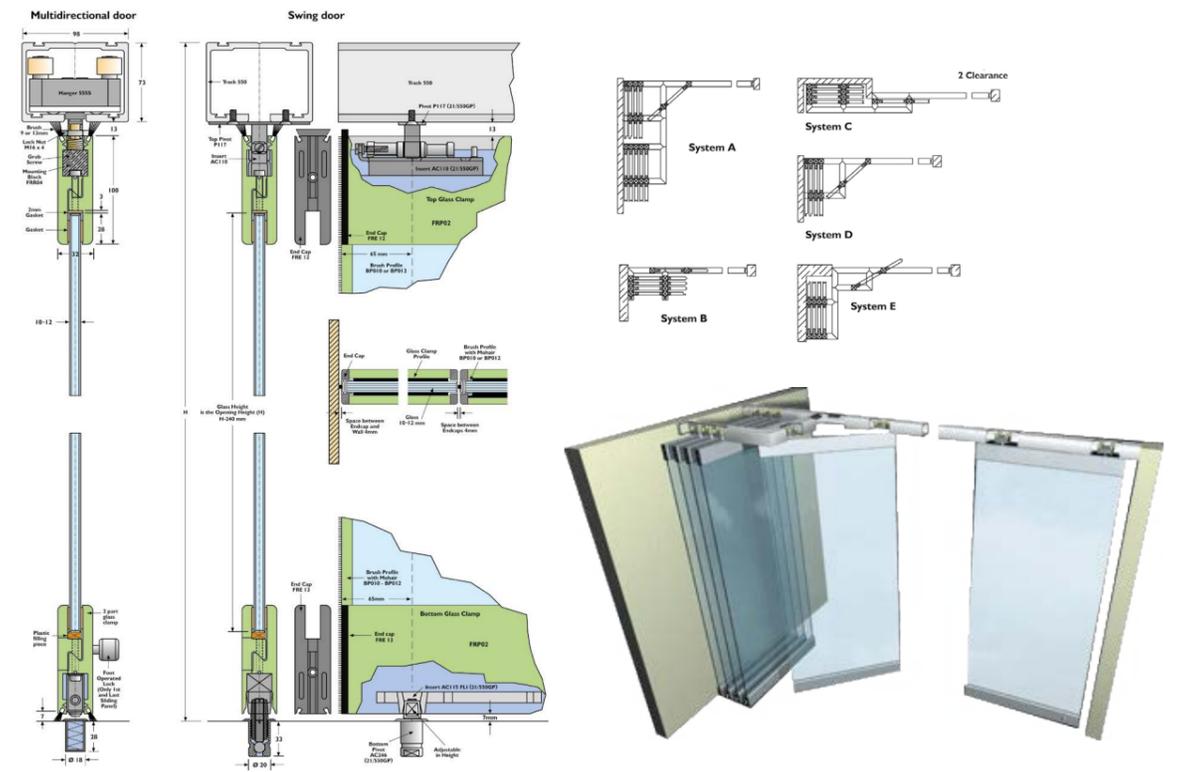
Flexirol Multidirectional Glass 90

Flexirol Multidirectional Glass 135
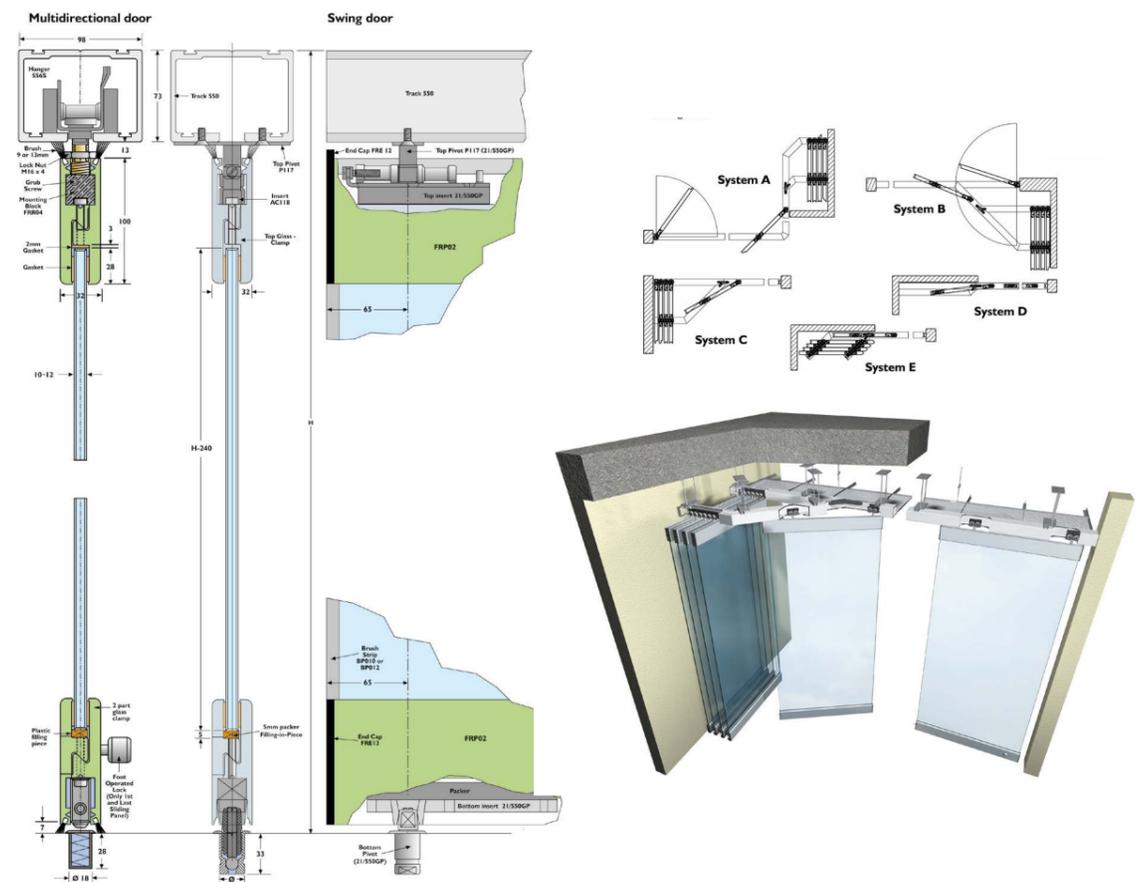
Accessories

Enhance your sliding or folding door systems with our range of accessories.

Browse our range of **flush pulls** and **finger pulls** which are ideal for sliding door and pocket door applications. They are recessed into the door frame, allowing for a flush and aesthetic finish.

Our **sliding door lock sets** are perfect for soffit fixed sliding door systems and are fitted flush to the door. When engaged, the lock securely connects to door to the jamb. Each lock set is designed with a release mechanism to allow for the opening of door from the non locking side in case of emergencies.

We also have a range of **flush bolts** available as an optional extra to our folding door systems. Flush bolts can be installed at the top and/or bottom of the door to securely hold doors in the closed position when not in use. As a suitable alternative, browse our range of **surface mounted bolts.**

Flush Pulls & Finger Pulls

Round Flush Pull - supplied individually

Product Code	Finish	Outer Diameter
26P	White	40mm

Round Flush Pull - for 6mm glass panels

Product Code	Finish	Outer Diameter
27	Aluminium	29mm

Finger Pull

Satin   Chrome   Black   Polished Brass
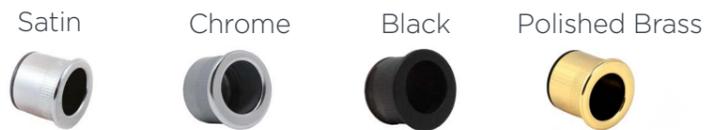
Product Code	Finish	Diameter
FP/S	Satin	
FP/C	Chrome	
FP/B	Black	29mm
FP/PB	Polished Brass	

Pocket Door Edge Pull

Satin   Chrome   Black   Polished Brass

Product Code	Finish	Height	Width	Arm Throw
FPEDGE/S	Satin			
FPEDGE/C	Chrome			
FPEDGE/B	Black	70mm	19mm	55mm
FPEDGE/PB	Polished Brass			

Flush Pulls & Finger Pulls

Round Flush Pull Set

Satin   Chrome   Black   Polished Brass

Product Code	Finish	Flush Pull Diameter	Finger Pull Diameter
FPR/S	Satin		
FPR/C	Chrome		
FPR/B	Black	60mm	29mm
FPR/PB	Polished Brass		

Square Flush Pull Set

Satin   Chrome   Black   Polished Brass

Product Code	Finish	Flush Pull Diameter	Finger Pull Diameter
FPS/S	Satin		
FPS/C	Chrome		
FPS/B	Black	60mm x 60mm	29mm
FPS/PB	Polished Brass		

Oval Flush Pull

Stainless Steel   Chrome   Black   Polished Brass

Product Code	Finish	Height	Width
FPO/SS	Stainless Steel		
FPO/CS	Chrome		
FPO/B	Black	120mm	41mm
FPO/PB	Polished Brass		

Flush Pulls & Finger Pulls

Rectangular Flush Pull

100mm

Stainless Steel | Chrome | Black | Polished Brass

Product Code	Finish	Material	Height	Width
FPRE/100SS	Stainless Steel	Stainless Steel		
FPRE/100CS	Chrome	Stainless Steel	102mm	51mm
FPRE/100B	Black	Stainless Steel		
FPRE/100PB	Polished Brass	Stainless Steel		

110mm

Product Code	Finish	Material	Height	Width
FPRE/110A	Aluminium	Aluminium	120mm	41mm

180mm

Stainless Steel | Chrome

Product Code	Finish	Material	Height	Width
FPRE/180SS	Stainless Steel	Stainless Steel	120mm	41mm
FPRE/180CS	Chrome	Stainless Steel		

Heavy Duty Flush Pulls

413 | 414

Product Code	Finish	Material	Height	Width
413	Iron	Cast Iron	152mm	95mm
414	Satin	Aluminium	133mm	60mm

Locks

Round Lockable Flush Pull Set

Satin | Chrome | Black | Polished Brass

Product Code	Finish	Flush Pull Diameter	Lock Backset	Lock Size
FPRL/56S	Satin			
FPRL/56C	Chrome	57mm	51mm	70mm
FPRL/56B	Black			
FPRL/56PB	Polished Brass			

Round Lockable Flush Pull Set (with radius hook)

Satin | Chrome | Black | Polished Brass

Product Code	Finish	Flush Pull Diameter	Lock Backset	Lock Size
FPRL/60S	Satin			
FPRL/60C	Chrome	60mm	50mm	69mm
FPRL/60B	Black			
FPRL/60PB	Polished Brass			

Handles

Bow Handle

463 | 464

Product Code	Finish	Material	Overall Length	Handle Centres	Projection
463	Cast Iron	Cast Iron	156mm	131mm	48mm
464	Cast Iron	Cast Iron	261mm	191mm	59mm

Magnets

Magnet Set for Swing Doors

Satin   Chrome   Gold   Black

Product Code	Finish
SWMAG/S	Satin
SWMAG/C	Chrome
SWMAG/G	Gold
SWMAG/B	Black

Magnet Set for Between Folding Doors

Satin   Chrome   Gold   Black

Product Code	Finish
MAG/S	Satin
MAG/C	Chrome
MAG/G	Gold
MAG/B	Black

Flush Bolts

FB190   FB450   FB600   333

Component	Description	Product Code		Overall Height	Overall Width
		Non Locking	Locking		
Flush Bolts Outward opening	190mm flush bolt	FB190*	FB190L*	190mm	40mm
	450mm flush bolt	FB450*	FB450L*	450mm	40mm
	600mm flush bolt	FB600*	FB600L*	600mm	40mm
Flush Bolts Inward opening	190mm flush bolt	FB190IB*	FB190IBL*	190mm	40mm
	190mm flush bolt - necked	FB190IT*	-	190mm	40mm
	450mm flush bolt - necked	FB450IT*	-	450mm	40mm
	600mm flush bolt - necked	FB600IT*	-	600mm	40mm
Flush Bolts	For internal non locking doors	FB110S	-	110mm	24mm
		333	-	152mm	35mm

Bolts

994   994X   994R/89   994R/97

F3715   F3734

Product Code	Description
994	Shoot bolt
994X	Offset shoot bolt
994R/89	Shoot bolt for use with 89 channel
994R/97	Shoot bolt for use with 97 channel
F3715	Surface fixed bolt
F3734	Keep for F3715 bolt

Self Close Kits

Product Code	Description	Max. Door Weight
SC100	Pneumatic door closer for sliding doors.	100kg

HENDERSON