

Glass door hardware systems

Design in motion

HENDERSON

### GLASS DOOR HARDWARE SYSTEMS

for sliding or folding glass doors with a maximum leaf weight up to 500kg

PC Henderson has long been acknowledged as the world leader in the design and manufacture of sliding and folding door hardware systems for residential, commercial and industrial applications.

Established n 1921, PC Henderson is based in Bowburn in North East England and has subsidiaries in Holland and Ireland. The company has a long established sales and distribution network in over 70 countries supported by Henderson's fully trained UK based technical sales team.

The company is committed to quality and is registered to BS EN ISO 9001: 2008 Quality Systems and Environmental Management Systems ISO 14001:2004.

As part of this commitment this brochure has been printed on carbon neutral paper in line with the FSC which promoted responsible management of the world's forests. This accreditation guarantees that only the amount of wood which the forest can regenerate naturally is cut down with minimal impact on the environment, wildlife and the indigenous people who reside there.

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### GLASS DOOR HARDWARE SYSTEMS

PC Henderson offers a range of glass products for commercial and residential applications where ease of use, durability and reliability are equally as important as aesthetic design.

With over 90 years experience in the industry, Henderson has become an acknowledged world leader in the design and manufacture of sliding and folding door hardware, securing its reputation as a specialist company amongst professionals in the industry.

### THE EXPERT SERVICE

If you have a project where you would like to use sliding or folding door hardware use the FREE Henderson Expert Service to supply your bill of materials, quantities, prices and drawings.

Simply contact our Technical Sales Department and based on the answers you give to a series of questions, including the opening size, door size and weight of the panels, we can specify the most suitable product. From this you will receive a full quotation from Henderson including:

- Quantity
- Price
- Drawings
- ► Fitting Instructions

If you wish to make a change to your original specification simply contact us and we will amend the original enquiry and issue you with a revised quotation.

It couldn't be simpler, leave it to the experts!



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### ZENITH

For sliding glass doors up to 25kg

Zenith is a versatile product ideally suited for bookcases, jewellery display panels, interior windows and lightweight glass doors. Manufactured using satin- anodised aluminum gear with brushpile strips; this product delivers a silent and easy glide motion for a variety of applications.

### Specification

Maximum door weight	25kg
Maximum door height	1800mm
Maximum door width	916mm
Maximum glass thickness	6mm

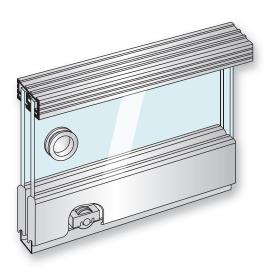
### Kits

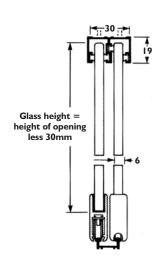
Kit	Maximum Opening Width	Number of doors
ZI2	1200mm	2
Z15	1500mm	2
Z18	1800mm	2

### Accessories

For details of our accessories please refer to page 3 I







### **HUSKY**

for sliding glass doors up to 50kg and 75kg

Husky is the ideal solution for lightweight glass applications such as office doors and small glass partitions. Its versatility allows the kit to be face fixed or soffit fixed without compromising on the function of the system. The nature of these applications require quality aesthetic finishes and to meet this demand, Husky has an additional purpose designed clip on fascia for soffit fixed applications.

### Specification

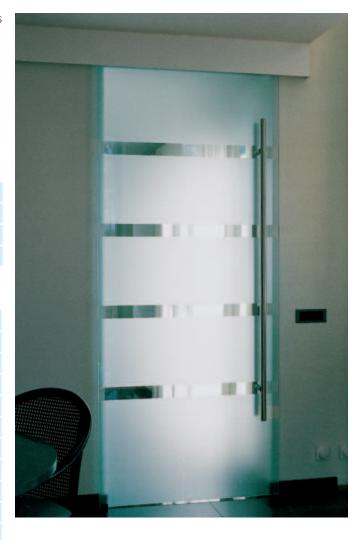
Maximum door weight	50kg and 75kg
Maximum door height	2400mm
Maximum door width	1250mm
Glass thickness	8mm, 10mm and 12mm

### Technical information

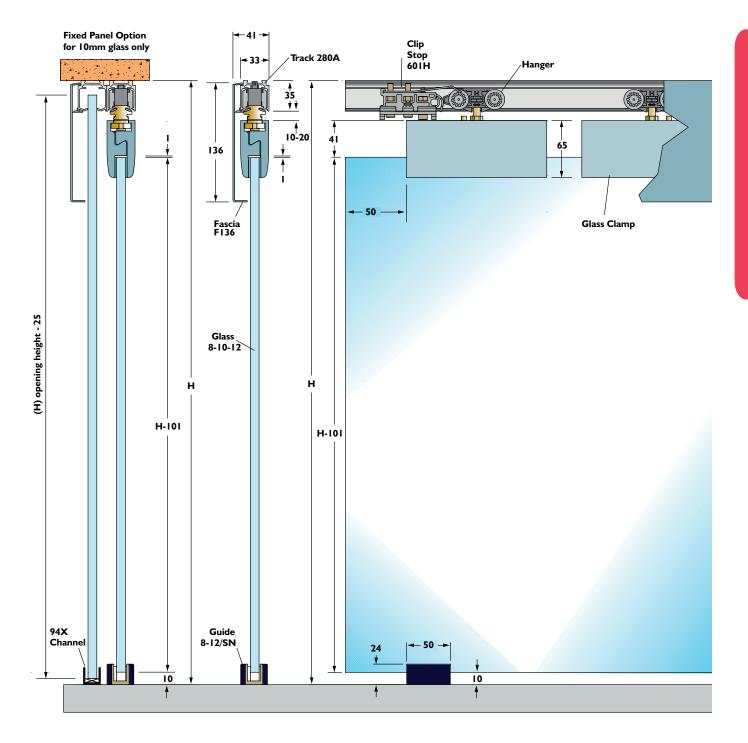
			Code
Track		(aluminium	n, mill finish) 280A
		(aluminium, anodis	sed finish) <b>280AN</b>
	Available in	1500, 2000, 2500 and	d 3000mm lengths
Brackets	Face fix		281A
	Jointing and	End	281AX
Fascias	Soffit fixed to	rack (anodised)	F136
Glass clamp kit	50kg	8mm glass	8/HY/50
		10mm glass	I 0/HY/50
		I 2mm glass	I2/HY/50
	75kg	8mm glass	8/HY/75
		10mm glass	I 0/HY/75
		I 2mm glass	12/HY/75
	Kit consists	of two hangers, two	glass clamps,
	two 601H r	retaining stops and an	adjustable guide
Floor guide	brushed stai	inless steel	
	for 8, 10 or	12mm glass	8-12/SN

#### Accessories

For details of our accessories please refer to page 31 and 32







### **TELESLIDE**

for sliding glass doors up to 60kg

Teleslide is a revolutionary telescopic single sliding glass door system, which allows the hardware to be assembled at the top of the door and installed on a corner wall.

The system has been designed as a versatile solution for wall fixed single door left or right sliding applications and is available in an anodised silver finish.

### Specification

Maximum door weight	60kg
Maximum door width	950mm
Glass thickness	8mm, 10mm and 12mm

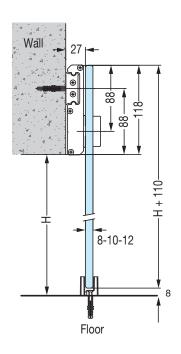


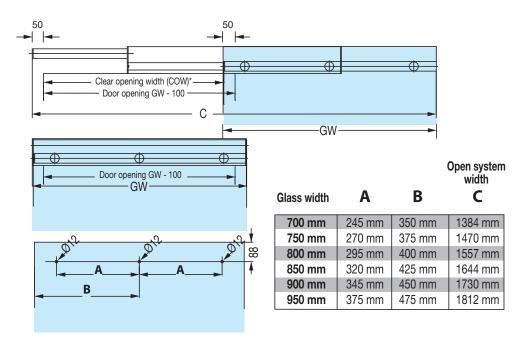
### Single left-sliding door kit

Glass width	Code
700mm	TS700SL
750mm	TS750SL
800mm	TS800SL
850mm	TS850SL
900mm	TS900SL
950mm	TS950SL

### Single right-sliding door kit

Glass width	Code
700mm	TS700SR
750mm	TS750SR
800mm	TS800SR
850mm	TS850SR
900mm	TS900SR
950mm	TS950SR





\*Clear opening width will be affected by handle type chosen



### GTS GLASSTRACK SLIDER

for sliding glass doors up to 90kg

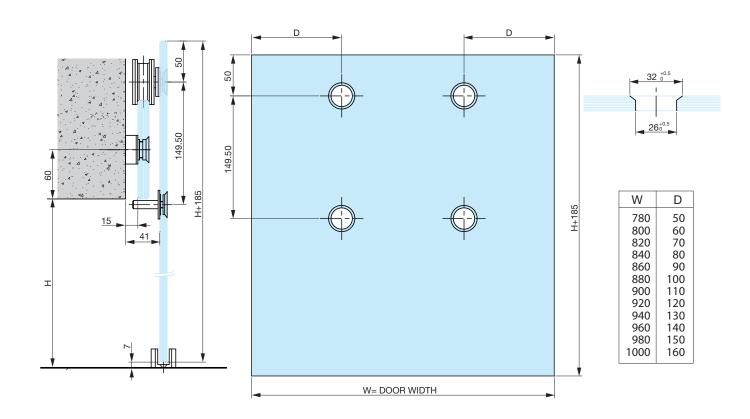
GTS Glass Track Slider is ideal for high end applications where aesthetics and ease of operation are paramount. This enhanced system ensures a clean and gentle operation and is ideal for premium residential and commercial wall installations.

### Specification

Maximum door weight	90kg
Maximum door height	3000mm
Maximum door width	1000mm
Glass thickness	8mm, 10mm and 12mm

### Kit contents

Code
Kit <b>GTS1678</b>
Kit consists of glass track (1678mm) three fixing screws, two trolleys,
two anti-derailling pins, two stops and one floor guide.





### **VELARO**

for sliding glass doors up to 80kg

Velaro has been designed and tested for interior applications and features a concealed, smooth and quiet operating system thanks to its purpose built polymer rollers and brush strip within the track.

Ideal for soffit and face fixed installations; this single door system incorporates stylish design with unrivalled performance to create a modern and minimalistic finish, with all parts concealed within the track.

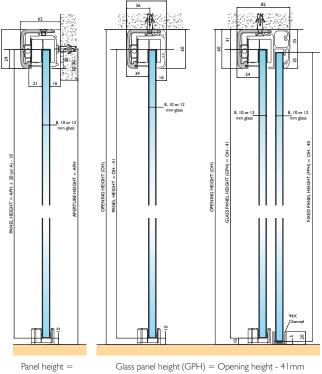
### Specification

Maximum door weight	80kg
Maximum door height	2500mm
Maximum door width	1200mm
Glass thickness	8mm, 10mm and 12mm

	Code
Anodised aluminium	
Available in 2000mm, 2500mm, 3000mm	m,
3500mm, 4000mm, 5000mm and 6000	mm
lengths complete with brush strips and er	nd caps.
	V80FF
	V80SF
e	V80FP
8mm glass	V80/8
I 0mm glass	V80/10
I 2mm glass	V80/12
Kit consists of: two clamps complete with	gaskets,
two clip stops, one brushed stainless stee	·l
adjustable floor guide.	
	Available in 2000mm, 2500mm, 3000mr 3500mm, 4000mm, 5000mm and 6000 lengths complete with brush strips and er le 8mm glass 10mm glass 12mm glass Kit consists of: two clamps complete with two clip stops, one brushed stainless stee

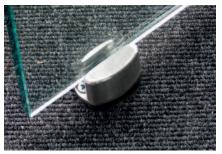








Glass panel height (GPH) = Opening height - 41mm Fixed panel height (FPH) = Opening height - 40mm



# SIENNA

for sliding glass doors up to 120kg

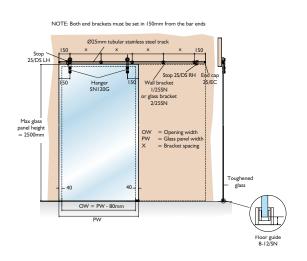
This elegant frameless system creates a minimalistic look thanks to the modern design of the stainless steel hangers. Specialised rollers have been engineered to effortlessly run along a brushed stainless steel tubular track, enabling this system to be one of the most efficient on the market.

The system has been designed for use with applications requiring glass door to glass wall or glass door to solid wall fixings.

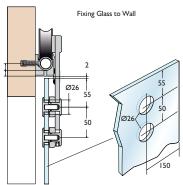
### Specification

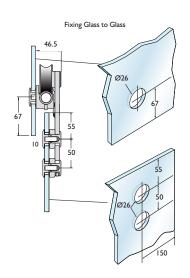
Maximum door weight	l 20kg
Maximum door height	2500mm
Maximum door width	1400mm
Glass thickness	8mm, I0mm and I2mm

		Code	
Basic kit	2 hangers, 2 door stops, one guide,	SNI20G	
	2 bar end caps, one fitting tool and 2	Allen keys	
Track	Ø25mm stainless steel tubular track	Ø25mm stainless steel tubular track	
	available in standard lengths up to 600	00mm	
Brackets	Face-fix bracket for solid wall	1/25SN	
	Face-fix bracket for glass wall	2/25SN	
Floor guide	for 8, 10 and 12mm glass	8-12/SN	
Door stop	Stop right hand	25/DSR	
	Stop left hand	25/DSL	
Handle	For details of our handles and other ad	ccessories	
	please refer to page 31 and 32		









### PACER

for sliding glass doors weighing up to 130kg and 180kg

The Pacer glass system can accommodate both sliding and fixed door panels, making it ideal for interior dividers in offices and shops as well as more modern applications in new developments. The nature of these applications require quality aesthetic finishes and to meet this demand, Pacer has an additional purpose designed clip on fascia for both soffit fixed and face fixed applications.

### Specification

Maximum door weight	130kg and 180kg
Maximum door height	3000mm
Maximum door width	3000mm
Glass thickness	8mm, 10mm and 12mm

#### Technical information

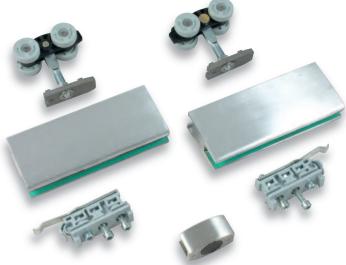
			Code
Track*	Anodised a	uluminium	600/xxxxAN
	Mill finish a	luminium	600/xxxx
Fixed glass panel brack	et		600FPB
	All profiles	available in 2000, 25	500, 3000,
	3500, 400	0 and 6000mm leng	ths
Brackets	Face fix		IB
	Jointing bra	acket	IBX
Fascias	Soffit fixed	track	FI60X
	Face fixed	track	F200X
Glass clamp kit	130kg	8mm glass	8/PA/130
		I 0mm glass	10/PA/130
		I 2mm glass	12/PA/130
	180kg	8mm glass	8/PA/180
		I 0mm glass	10/PA/180
		I 2mm glass	12/PA/180
Floor guide	for 8, 10 o	r 12mm glass panels	8-12/SN
Kit consists of two 56	hanger assem	blies, two glass clami	assemblies.

Kit consists of two 56 hanger assemblies, two glass clamp assemblies, a universal guide and two 601P retaining stops

#### Accessories

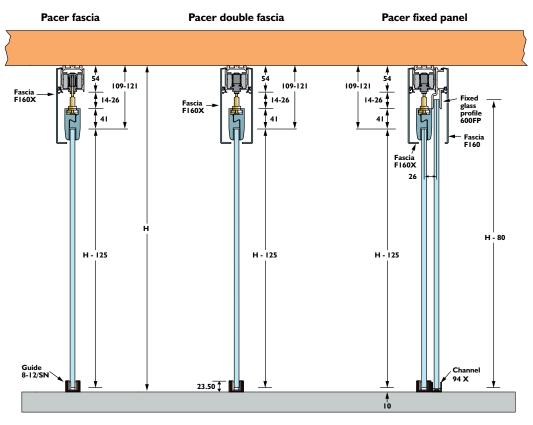
For details of our accessories please refer to page 3 I

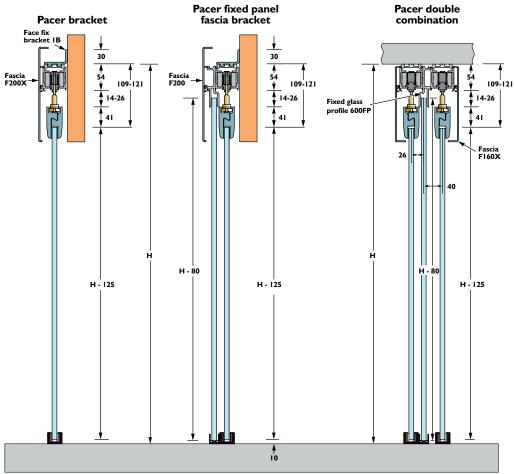


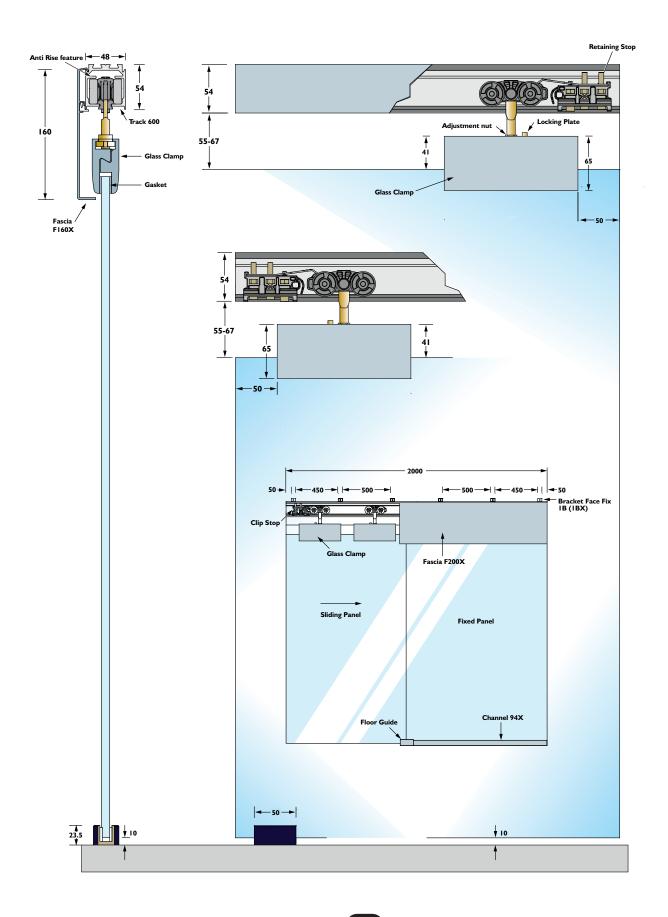




<sup>\*</sup>Replace xxxx with length of track required







### CILINDRIC

for top-hung glass doors up to 200kg

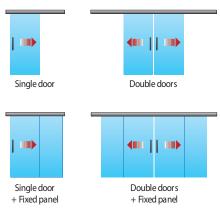
Cilindric is a versatile solid stainless steel straight sliding system capable of installation applications weighing up to 200kg. This silent smooth running system offers three possible installation options: wall, ceiling or transom allowing it to be suited to a variety of applications, where style and aesthetics are equally as important as function and durability.

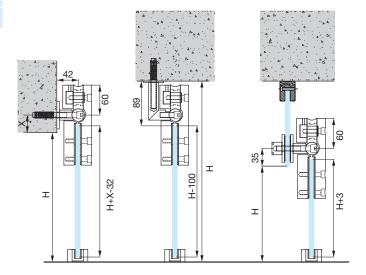
### Specification

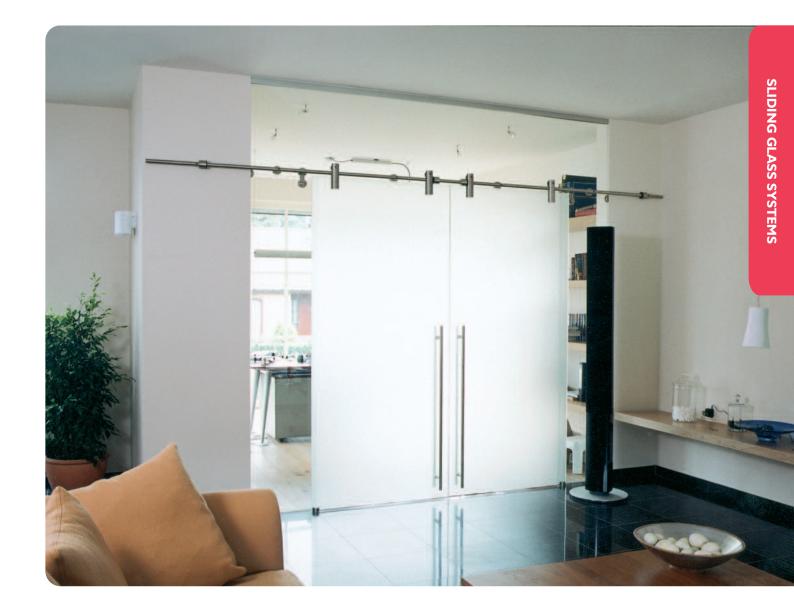
Maximum door weight	200kg
Glass thickness	10mm and 12mm

		Code
Hanger		CR01
Rail	3000mm (6 holes)	C3000
	3500mm (7 holes)	C3500
	4000mm (8 holes)	C4000
Brackets	Wall to rail	CR02
	Wall to rail bracket cover	C581
	Wall to rail end bracket	CR02K
	Glass to rail (standard)	CR05
	Glass to glass/glass to rail (double)	CR06
	Ceiling to rail	CR07
	Wall/ceiling to fixed panel bracket	
	(hanger design)	CR28
Door stop	Left hand	CR03L
	Right hand	CR03R
Floor guide	for 10mm or 12mm glass	8-12/SN
Tightening key		CT05









### TRAVERSE SLIDING

for sliding glass doors weighing up to 250kg

Traverse sliding is a unique straight sliding system for glass doors weighing up to 250kg.

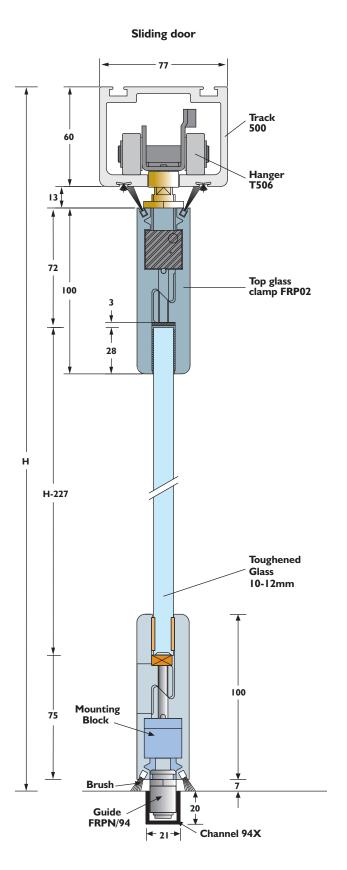
Ideally suited to both internal and external applications, it is an ideal product for hotels, offices, shop fronts and showrooms or any site that requires high performance and an attractive finish.

A versatile system that offers both face fixed and soffit fixed installations, its stylish design offers a modern, durable finish.

### Specification

Maximum door weight	250kg
Maximum door height	toughened glass - 3000mm
Glass thickness	toughened glass - 10mm and 12mm

		Code
Track	Anodised aluminium	500
Brackets	Face fix	IA/500
	Soffit fix	<b>3S/500</b>
Hangers	with mounting block	T506
Glass Profile		FRP02
Guides	with mounting block	FRPN/94
Guide Channel	Aluminium	94X
	Aluminium threshold/guide channel	94T



# FLEXIROL SLIDING

for sliding glass doors up to 500kg

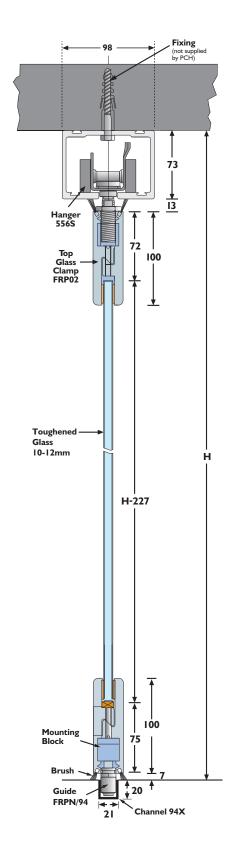
Flexirol is a unique system ideally suited to large doors that require high performance as well as an attractive finish. It's an ideal product for hotels, offices, conference centres, shop fronts and showrooms where durability and design are paramount.

### Specification

Maximum door weight	500kg
Maximum door height	toughened glass - 4000mm
Glass thickness	toughened glass - 10mm and 12mm

		Code
Track	Mill finish or white aluminium	550
Brackets	Face fix	IA/550
	Soffit fix	<b>3S/550</b>
Hangers	with mounting block	556S
Glass Profile		FRP02
Guides	with mounting block	FRPN/94
Guide Channel	Brass	94
	Aluminium	94X
	Aluminium threshold/guide channel	94T





### **EASYFOLD**

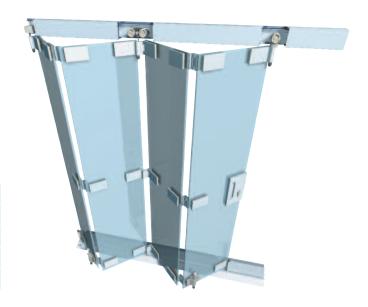
for folding glass panels up to 45kg

Easyfold is a system designed for both interior and exterior applications. Panels are connected using a system of glass hinges, to cover a wide range of applications.

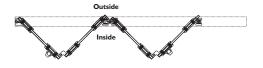
The hardware is available in four stylish finishes, white powder coat, polished anodised, silver anodised and black anodised to further enhance the aesthetic versatility of the product.

### Specification

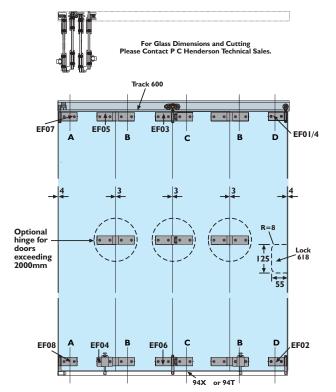
Maximum panel weight	45kg
Maximum panel height	2400mm
Maximum panel width	750mm
Glass thickness	8mm and 10mm
Maximum number of doors	6 to one side

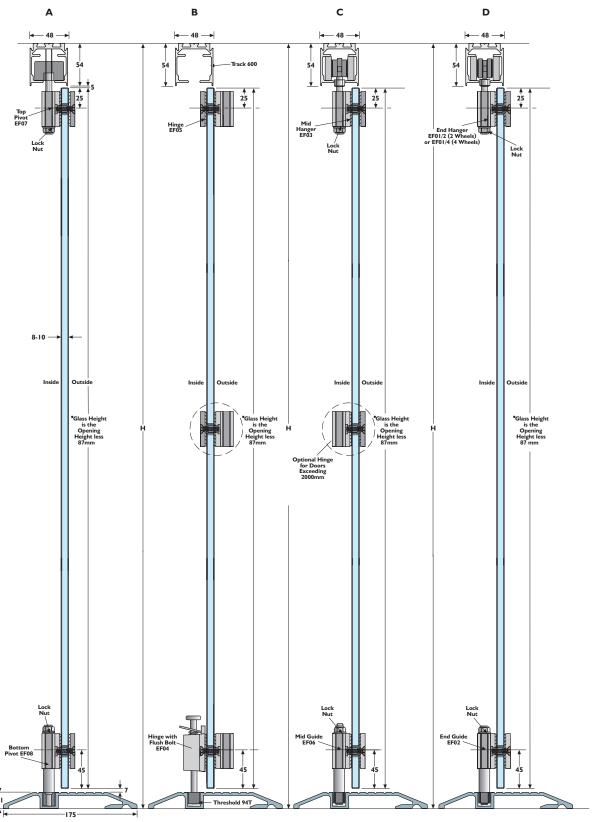


		Code
Track	Mill finish aluminium	600
	Available in 2000mm, 2500mm, 3000	mm 3500mm
	4000mm and 6000mm lengths	
Brackets	Face fix (at 500mm intervals)	IB
	Jointing bracket	IBX
Hangers	Four wheeled end hanger with	EF01/4SA
	single hinge	
	Four wheeled intermediate hanger	EF03SA
	with double hinge	
Hinges	Double hinge	EF05SA
Pivots	Top pivot with single hinge	EF07SA
	Bottom pivot with single hinge	EF08SA
Guides	End guide with single hinge	EF02SA
	Intermediate guide with double hinge	EF06SA
Guide Channel	Aluminium	94X
	Aluminium threshold/guide channel	94T



Plan: 4 Doors Folding to the Left





 $^*$ In Combination with 94X Glass Height is the Opening Height less 66mm

For Glass Dimensions and Cutting Please Contact P C Henderson Technical Sales.

### TRAVERSE FOLDING

for folding glass doors weighing up to 60kg

Traverse folding is suited to glass panels of up to 60kg, in both exterior and interior applications, where panels can either end fold or centre fold.

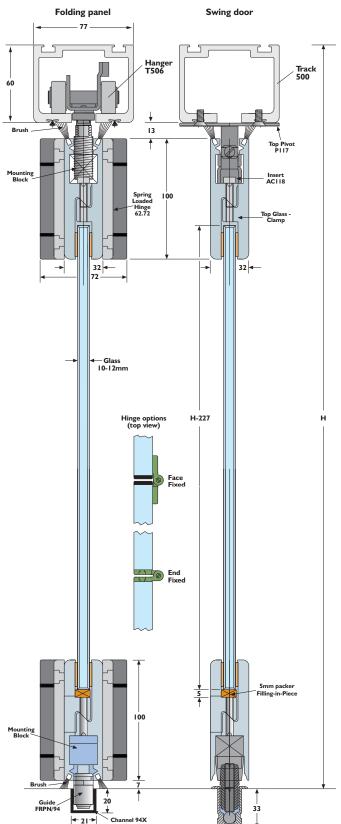
Available in a stylish aluminium finish, importance is placed equally on the quality aesthetics of the product along with performance and durability.

### Specification

Maximum door weight	60kg
Maximum door height	2500mm
Maximum door width	900mm
Glass thickness	toughened glass - 10mm and 12mm

		Code
Track	Anodised aluminium	500
Brackets	Face fix	IA/500
	Soffit fix	<b>3S/500</b>
Hangers	with mounting block	T506
Glass Profile		FRP02
Pivots	Glass pivot set	21/500GP
Guides	with mounting block	FRPN/94
Guide Channel	Aluminium	94X
	Aluminium threshold/guide channel	94T
Hinges	Adjustable spring loaded	62.72





# FLEXIROL FOLDING

for top-hung folding glass doors up to 125kg

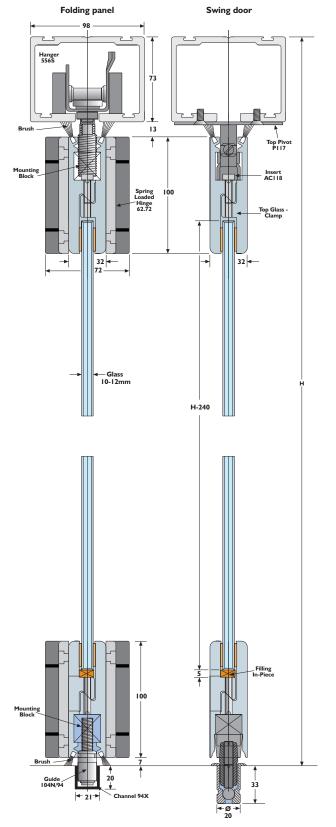
Flexirol folding is a bespoke product suited to heavy glass panels, in both interior and exterior applications. Panels can either centre fold or end fold depending on the positioning of the hanger, within the full width profile. Flexirol profiles are available in a variety of finishes and made to measure with the necessary routing completed.

### Specification

Maximum door weight	125kg
Maximum door height	2500mm
Maximum door width	900mm
Glass thickness	toughened glass - 10mm and 12mm

		Code
Track	Mill finish or white aluminium	550
Brackets	Face fix (at 500mm intervals)	IA/550
	Soffit fix	<b>3S/550</b>
Hangers	with mounting block	556S
Pivots	Glass pivot set	21/550GP
Glass Profile		FRP02
Guides	with mounting block	FRPN/94
Guide Channel	Aluminium	94X
	Aluminium threshold/guide channel	94T
Hinges	Adjustable face-fixed spring-loaded	62.72





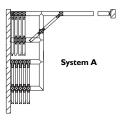
# FLEXIROL MULTIDIRECTIONAL 90°

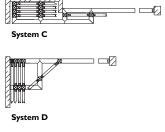
for top-hung glass doors up to I 00kg

Flexirol Multidirectional  $90^{\circ}$  is designed for lightweight glass panels, in residential or commercial environments requiring  $90^{\circ}$  flexible movement options. The system is ideal for shop fronts or internal room partitions and also benefits from a stacking formation, which allows the doors to be stored clear of the threshold.

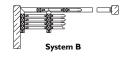
### Specification

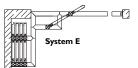
Maximum door weight when	using 2 hangers per leaf I 00kg
Maximum door height	toughened glass - 4000mm
Maximum swing door width	1200mm
Glass thickness	toughened glass - 10mm and 12mm





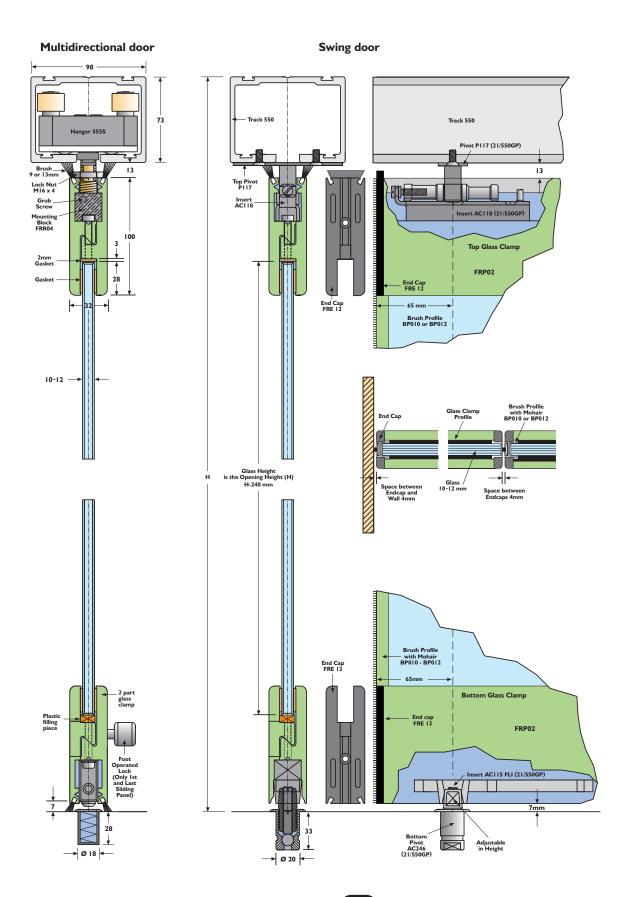
2 Clearance





		Code
Track	Mill finish or white aluminium	550
Brackets	Face fix	IA/550
	Soffit fix	3S/550
Hangers	90° hanger	555S
Glass Profile	Top/bottom glass and swing profile	FRP02
Pivots	Glass pivot set	21/550GP





# TRAVERSE MULTIDIRECTIONAL 135°

for top-hung stacking glass doors up to 250kg

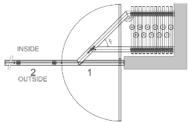
Traverse is a system that acts as a mobile partition, using suspended glass panels without the need for a floor guide. The system is suitable for both internal and external partitions and has a variety of options for panel storage, without obstructing the entrance. Panels can be stored in such a way that they are out of sight or placed in a separate concealed location.

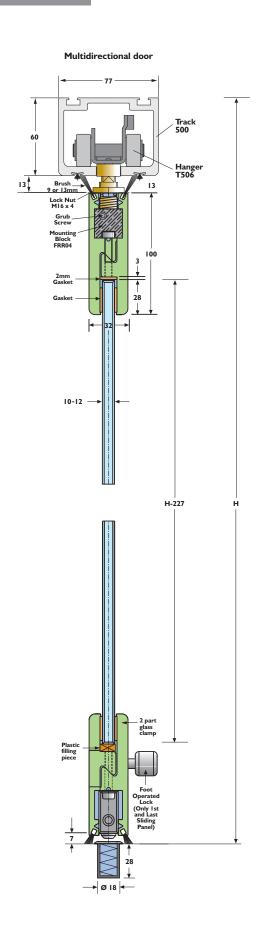
### Specification

Maximum door weight when	using 2 hangers per leaf <b>250kg</b>
Maximum door height	toughened glass - 3000mm
Maximum swing door width	I000mm
Glass thickness	toughened glass - 10mm and 12mm

		Code
Track	Anodised aluminium	500
Brackets	Face fix (at 500mm intervals)	IA/500
	Soffit fix	<b>3S/500</b>
Hangers		T506
Pivots	Glass pivot set	21/500GP
Glass Profile		FRP02









# FLEXIROL MULTIDIRECTIONAL 135°

for top-hung glass doors up to 500kg

Flexirol Multidirectional 135° is designed for heavy glass panels, in residential or commercial environments requiring 135° flexible movement options. The system is ideal for hotels, conference centres, showrooms, shop fronts or internal room partitions and also benefits from a stacking formation, which allows the doors to be stored clear of the opening.

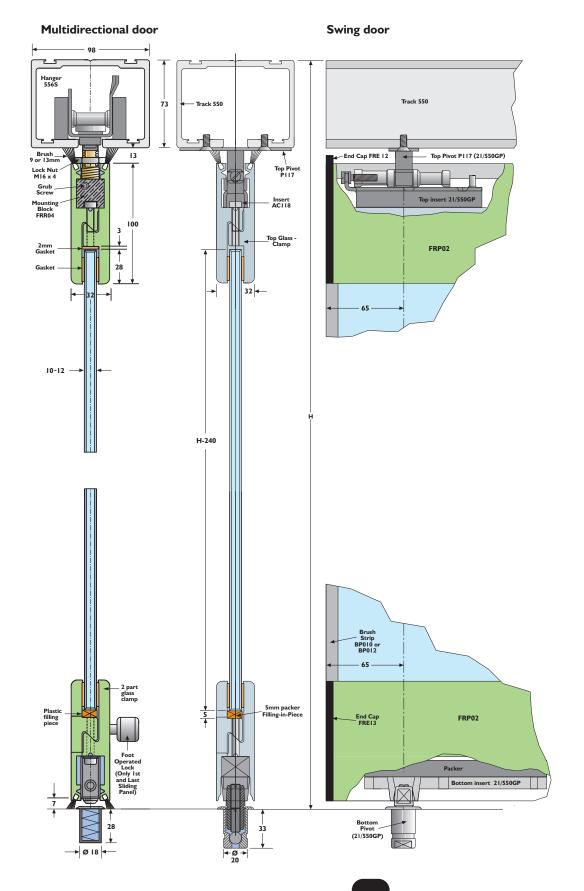
### Specification

Maximum door weight when	using 2 hangers per leaf <b>500kg</b>
Maximum door height	toughened glass - 4000mm
Maximum swing door width	1200mm
Glass thickness	toughened glass - 10mm and 12mm

		Code
Track	Mill finish or white aluminium	550
Brackets	Face fix	IA/550
	Soffit fix	3S/550
Hangers	135° hanger	556S
Glass Profile		FRP02
Pivots	Glass pivot set	21/550GP

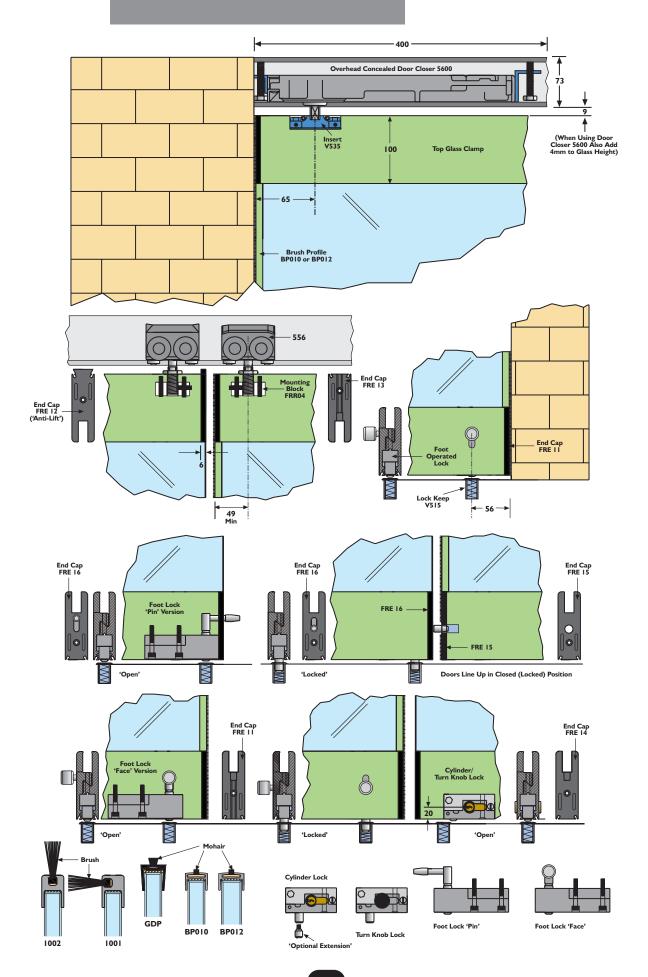






# FLEXIROL MULTIDIRECTIONAL ACCESSORIES

for top-hung glass doors up to 500kg



# **ACCESSORIES**

Locks and Lock Accessories		Code
Cylinder lock (left)	Aluminium (Zenith only)	507L
Cylinder lock (right)	Aluminium (Zenith only)	507R
Glass door lock	Polished brass	618PB
Glass door lock receiver	Polished brass	619PB
Glass door lock	Silver anodised	618SA
Glass door lock receiver	Silver anodised	619SA
Glass door lock	Polished chrome	618PC
Glass door lock receiver	Polished chrome	619PC
Glass door lock	Satin chrome	618SC
Glass door lock receiver	Satin chrome	619SC

Flush Pulls		Code
Glass flush pull	Stainless steel Ø 65mm through glass	GPI
	glass cutting Ø 55mm	
	Stainless steel Ø 57mm blind	GP2
	glass cutting Ø 46mm	
Glass flush pull	Aluminium Ø 29mm (Zenith only)	27
	glass cutting Ø 22mm	



Lock 618



Flush pull GPI



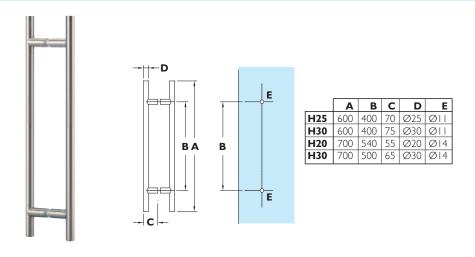
Flush pull GP2



Flush pull 27

### **ACCESSORIES**

# HandlesCodeGlass door handle set Ø 25mm/600mm lengthChrome platedH25/600CPGlass door handle set Ø 30mm/600mm lengthChrome platedH30/600CPGlass door handle set Ø 20mm/700mm lengthStainless steelH20/700SSGlass door handle set Ø 30mm/700mm lengthStainless steelH30/700SS



Fascias - satin anodised finish		Code
Husky glass fascia	1500mm	F136/1500
	1800mm	F136/1800
	2000mm	F136/2000
	2500mm	F136/2500
	3000mm	F136/3000
Husky endcap pack		FI36/ECP
Pacer soffit fixed anodised fascia	2000mm	F160X/2000
	2500mm	F160X/2500
	3000mm	F160X/3000
	3500mm	F160X/3500
	4000mm	F160X/4000
Pacer F160 endcap pack		F160ECP
Pacer face fixed anodised fascia	2000mm	F200X/2000
	2500mm	F200X/2500
	3000mm	F200X/3000
	3500mm	F200X/3500
	4000mm	F200X/4000
Pacer F200 endcap pack		F200ECP

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