

- ARCHITECTURAL HARDWARE
  - WINDOW & DOOR FITTINGS



Your window to quality fittings



## **DOOR CLOSERS**

- Hold open / without hold open (Basic option)
- Hold open angle  $90^{\circ}$  to  $160^{\circ}$
- Latching & closing speed adjust valve
- Right hand & left hand opening door
- Door width 600 800mm
- Door weight upto 60kgs
- Door opening angle of 180° max
- 5,00,000 cycles tested

Code	Size (kg)	Туре	Finish
DC 101	60	Hold Open	Silver
DC 101-B	60	Without Hold Open	Silver



- Hold open / without hold open (Basic option)
- Hold open angle  $90^{\circ}$  to  $160^{\circ}$
- Latching & closing speed adjust valve
- Right hand & left hand opening door
- Door width 800 950mm
- Door weight upto 85kgs
- Door opening angle of 180° max
- 5,00,000 cycles tested

Code	Size (kg)	Туре	Finish
DC 201	85	Hold Open	Silver
DC 201-B	85	Without Hold Open	Silver

- Hold open facility
- Hold open angle 90° to 160°
- Latching & closing speed adjust valve
- Right hand & left hand opening door
- Door width 900 1050mm
- Door weight upto 105kgs
- Door opening angle of 180° max
- 5,00,000 cycles tested



- Latching & Closing speed adjust valve
- Right hand & left hand opening door
- Door width upto 950mm
- Door weight upto 65kgs
- Door opening angle of 180° max
- 5,00,000 cycles tested



Code	Size (kg)	Finish
DC 301	105	Silver

Code Size (kg) Finish

DC 401 65 Silver

- Hold open facility
- Hold open angle  $90^{\circ}$  to  $150^{\circ}$
- Latching & closing speed adjust valve
- Right hand & left hand opening door
- Door width 850mm
- Door weight upto 65kgs
- Door opening angle of 150° max
- 5,00,000 cycles tested



Code	Size (kg)	Finish
DC 1001	65	Silver

- Hold open facility
- Hold open angle 150°
- Latching & closing speed adjust valve
- Right hand & left hand opening door
- Door width 950mm
- Door weight upto 85kgs
- Door opening angle of 150° max
- 5,00,000 cycles tested



Code	Size (kg)	Finish
DC 1002	85	Silver

## **FLOOR SPRINGS & ACCESSORIES**

- Built in Pressure release valve prevents damage or oil leakage caused by excessive force or strong winds.
- Designed for both side opening or left hand or right hand in single side opening.
- Special low temperature hydraulic oil is used to ensure normal working even at temperatures 40 degrees below zero.
- For door setting, a built-in adjustment of 5mm for length & width is provided.
- There is also a two degree vertical angle adjustment provided.
- Option of accessories are available.

#### **FLOOR SPRINGS**

Code	Max. Door Weight (KG)	Finish
DFS - 60	60	PS/BS
DFS - 90	90	BS
DFS - 110	110	BS
DFS - 150	150	PS/BS
DFS - 250	250	BS

#### FLOOR SPRING ACCESSORIES

Item	Code Nos	Finish
Floor Spring Door Accessories	DFS - A1	Plated
	DFS - A2	Plated
Bottom Pivot	DPF4 - 01	Brushed Steel
Top Pivot	DPF4 - 02	Brushed Steel



BOTTOM PIVOT : To be used directly on the floor without floor spring



TOP PIVOT : Top receiver pivot for wooden or ceiling installation



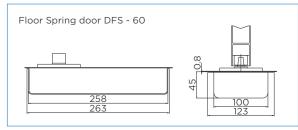


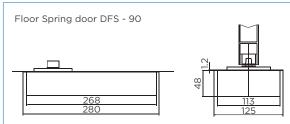


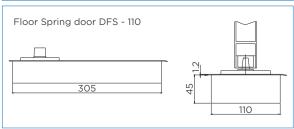


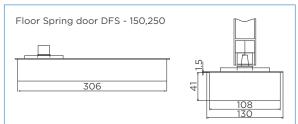








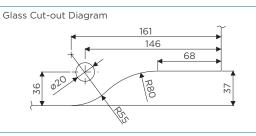






### BOTTOM CORNER PATCH | DPF 1-01

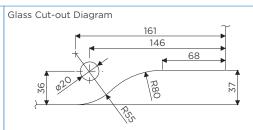




Code	Finish
DPF1-01	Brushed Steel

### TOP CORNER PATCH | DPF1-02

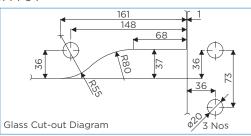




Code	Finish
DPF1-02	Brushed Steel

### CORNER L'PATCH WITH PIVOT | DPF1-04

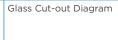


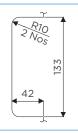


Code	Finish
DPF1-04	Brushed Steel

### CENTRE LOCK | DPF2-01





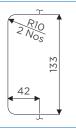


Code	Finish
DPF2-01	Brushed Steel

#### STRIKE PATCH FOR CENTRE LOCK | DPF2-02



Glass	Cut-out	Diagram

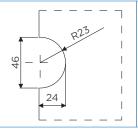


Code	Finish
DPF2-02	Brushed Steel

### SINGLE CONNECTOR PATCH | DPF3-01



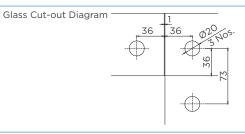
### Glass Cut-out Diagram



Code	Finish
DPF3-02	Brushed Steel

#### CORNER 'L' PATCH WITHOUT PIVOT | DPF3-02

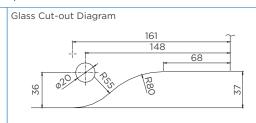




Code	Finish
DPF3-02	Brushed Steel

#### OVER PANEL PATCH WITH PLATE | DPF1-03

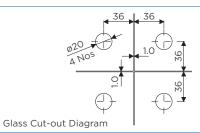




Code	Finish
DPF1-03	Brushed Steel

### QUAD CONNECTOR PATCH | DPF3-03

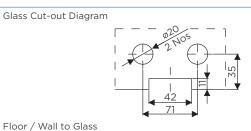




Code	Finish
DPF3-03	Brushed Steel

### DOUBLE CONNECTOR PATCH | DPF3-04

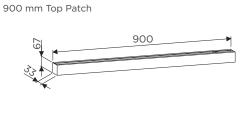




Code	Finish
DPF3-04	Brushed Steel

#### 900 MM TOP PATCH | DPF2-04

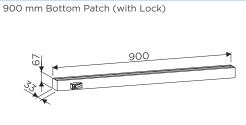




Code	Finish
DPF2-04	Brushed Steel

### 900 MM BOTTOM PATCH (WITH LOCK) | DPF2-03

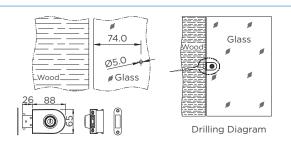




Code	Finish
DPF2-03	Brushed Steel

### GLASS DOOR LOC



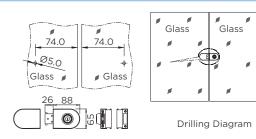


Code	Size	Finish
OGDL1-GW	10-12 mm	BS

### OPENABLE GLASS DOOR LOCK - GLASS TO GLASS | SS304

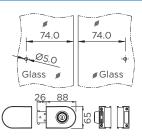
OPENABLE GLASS DOOR LOCK - GLASS TO WOOD | SS304

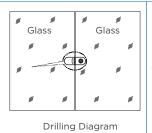




#### OPENABLE GLASS DOOR LOCK - GLASS TO GLASS | SS304 - KNOB



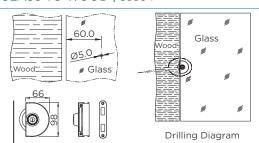




Code	Size	Finish
OGDL2-GG	10-12 mm	BS

#### SLIDING GLASS DOOR LOCK - GLASS TO WOOD | SS304

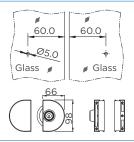




Code	Size	Finish
SGDL1-GW	10-12 mm	BS

### SLIDING GLASS DOOR LOCK - GLASS TO GLASS | SS304



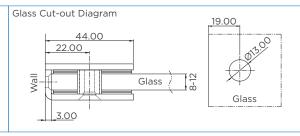




Code	Size	Finish
SGDL1-GG	10-12 mm	BS

### 90° WALL TO GLASS OR FLOOR TO GLASS CONNECTOR

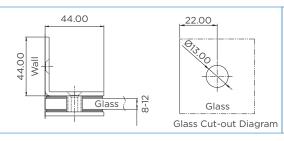




Code	Finish
GC1-90-P	PS
GC1-90-S	BS

#### 90° WALL TO GLASS CONNECTOR

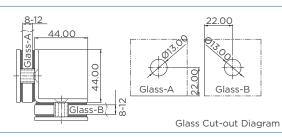




Code	Finish
GC1-90S-P	PS
GC1-90S-S	BS

#### 90° GLASS TO GLASS CONNECTOR

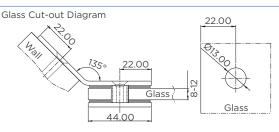




Code	Finish
GC1-90D-P	PS
GC1-90D-S	BS

#### 135° WALL TO GLASS CONNECTOR

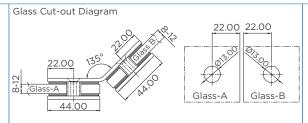




Code	Finish
GC1-135S-P	PS
GC1-135S-S	BS
· · · · · · · · · · · · · · · · · · ·	

#### 135° GLASS TO GLASS CONNECTOR

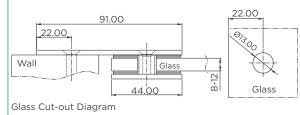




Code	Finish
GC1-135D-P	PS
GC1-135D-S	BS

#### 180° WALL TO GLASS CONNECTOR

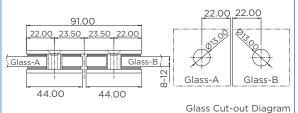




Code	Finish
GC1-180S-P	PS
GC1-180S-S	BS
'	

#### 180° GLASS TO GLASS CONNECTOR

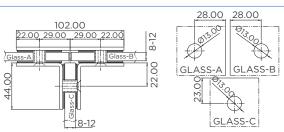




Code	Finish
GC1-180D-P	PS
GC1-180D-S	BS
'	

#### 3 WAY GLASS TO GLASS CONNECTOR





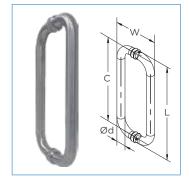
Code	Finish
GC1-3WD-P	PS
GC1-3WD-S	BS
'	

## **DOOR HANDLES**

#### DOOR HANDLE - A



### DOOR HANDLE - D



#### Door Handle - A

Code	Ød (mm)	L (mm)	W (mm)	C (mm)	Finish
A-GDH 2220	Ø22	300	135	200	BS
A-GDH 2230	Ø22	400	135	300	BS

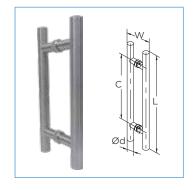
#### Door Handle - D

Code	Ød (mm)	L (mm)	W (mm)	C (mm)	Finish
D-GDH 1925	Ø19	269	130	250	BS
D-GDH 2230	Ø22	322	133	300	BS
D-GDH 2545	Ø25	475	150	450	BS
D-GDH 3260	Ø32	632	164	600	BS

#### Door Handle - H

Code	Ød (mm)	L (mm)	W (mm)	C (mm)	Finish
H-GDH 2215	Ø22	250	122	150	BS
H-GDH 2520	Ø25	300	135	200	BS
H-GDH 2530	Ø25	450	134	300	BS
H-GDH 3245	Ø32	600	160	450	BS
H-GDH 3275	Ø32	1000	161	750	BS

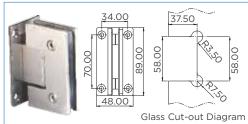
#### DOOR HANDLE - H



W = Width of the Handle; C = Hole to Hole distance

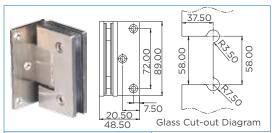
# SHOWER HINGES

### 90° WALL TO GLASS - T TYPE



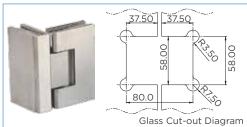
Code	Finish
BSF1T-90 WG-S	BS
BSF1T-90 WG-P	PS
'	

### 90° WALL TO GLASS - L TYPE



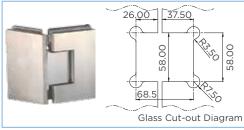
Code	Finish
BSF1L-90 WG-S	BS
BSF1L-90 WG-P	PS

#### 90° GLASS TO GLASS



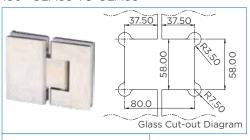
Code	Finish
BSF1T-90 GG-S	BS
BSF1T-90 GG-P	PS
	'

#### 135° GLASS TO GLASS



Code	Finish	
BSF1-135 GG-S	BS	
BSF1-135 GG-P	PS	

# 180° GLASS TO GLASS



Code	Finish
BSF1-180 GG-S	BS
BSF1-180 GG-P	PS

### WALL TO TUBE CONNECTOR-9MM TUBE TO GLASS CONNECTOR-19MM TUBE TO TUBE CONNECTOR-19MM



Code	Finish
BSC - 119	PS / BS



Code	Finish
BSC - 219	PS / BS



Code	Finish	
BSC - 319	PS / BS	

#### SHOWER DOOR KNOB

#### DOOR STOPPER

### SHOWER ROD Ø 32 X 24



Code	Finish
BDK - 1	BS

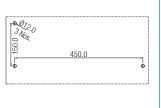


Code	Finish
DS - 2	BS



#### DOOR HANDLE-Ø19X150X450MM



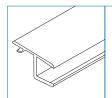


Code	Finish
BDH - 1	PS/BS

Code	Finish
BSR - 1	BS

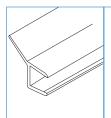
# PLASTIC SEALS

#### **PVC SEAL**



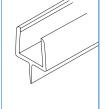
Code	Finish	Thickness of Glass
BPS1 - 10	Clear	10mm

### **PVC SEAL**



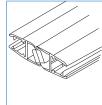
Code	Finish	Thickness of Glass
BPS2-08	Clear	8mm
BPS2-10	Clear	10mm
BPS2-12	Clear	12mm

# BOTTOM PVC SEAL



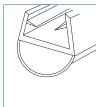
Code	Finish	Thickness of Glass
BPS3-08	Clear	8mm
BPS3-10	Clear	10mm
BPS3-12	Clear	12mm

### 180º MAGNETIC SEAL



,	Code	Finish	Thickness of Glass
	BPS6-M08	White	8mm
	BPS6-M10	White	10mm
	BPS6-M12	White	12mm

### **PVC SEAL**



Code	Finish	Thickness of Glass
BPS7-S08	Clear	8mm
BPS7-S10	Clear	10mm
BPS7-S12	Clear	12mm

### **PVC SEAL**



	Code	Finish	Thickness of Glass
_	BPS8-D08	Clear	8mm
	BPS8-D10	Clear	10mm

# SHOWER SLIDING FITTING - RECTANGULAR

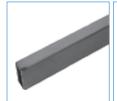
- Suitable for glass thickness of 8-10mm.
- Load Capacity 70 Kgs max. Material SS304.

















Item	Code	Size	Finish
Shower Sliding	SSF-R75 BS	8-10 mm thick	BS
Fitting - Rectangular	SSF-R75 PS	6-10 IIIIII UIICK	PS
Rectangular Pipe	SSF-RP1 BS	30 x 10mm	BS
Rectaligular Pipe	SSF-RP1 PS	1.3 thick, 2m L	PS

# SHOWER SLIDING FITTING - ROUND

- Suitable for glass thickness of 8-10mm.
- Load Capacity 75 Kgs max.
- Material SS304.













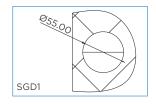


Item	Code	Size	Finish
Shower Sliding Fitting	SSF-RD60 BS	8-10mm thick	BS
- Round	SSF-RD60 PS	8-10111111 thick	PS
Round Pipe	SSF-RD1 BS	Ø25,	BS
Ø25	SSF-RD1 PS	1.8 thick, 2m L	PS



# SLIDING GLASS DOOR HANDLE - SS304

Code	Size	Finish
SGD1 BS	8-12 mm thick	BS
SGD1 PS	8-12 mm thick	PS

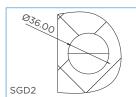




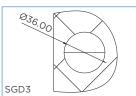
# SLIDING GLASS DOOR HANDLE - ALUMINIUM

Code	Size	Finish
SGD2 AP	8-12 mm thick	AP
SGD3 AP	8-12 mm thick	AP









### WINDOW & DOOR FITTINGS







- Made of AISI 304 stainless steel.
- Pressure adjustable brake for stopping.
- Can be used for side hung horizontal axis opening ventilators, as well as top hung vertical axis opening windows.
- Can be used in wood, aluminium or plastic windows.
- Self cleaning design.
- Also now available in independent left and right hand working for better closing and alignment.

Code	Size (mm)	Load (Kg)
FRS 10 HL	255 (10")	21
FRS 12 HL	305 (12")	24
FRS 14 HL	355 (14")	30

# FRICTION STAY HEAVY DUTY



- Made of AISI 304 stainless steel and brass.
- Double slider with additional linkage bar for 20", 24" & 28"will support a top hung window vent up to maximum 80kgs.
- To be used in top hung only.

Code	Size (mm)	Load (Kg)
FRS 20 HD	500	80
FRS 24 HD	600	80
FRS 28 HD	700	80

# FRICTION STAY

Design Reg. No: 159707/88 163710/91 168609/95 169389/95



\*Add 'L' or 'R' for Left or Right hand opening after the code. # Add 'EL' for Electro Polished finish after the code.

- Made of AISI 304 stainless steel and brass.
- Pressure adjustable brake for stopping.
- Can be used for side hung horizontal axis opening ventilators, as well as top hung vertical axis opening windows.
- Can be used in wood, aluminium or plastic windows.
- Self cleaning design.
- Also now available in independent left and right hand working for better closing and alignment.
- Finish: RS.

Code	Size (mm)	Load (Kg)
FRS 8	205 (8")	10
FRS 10	255 (10")	14
FRS 12	305 (12")	16
FRS 14	355 (14")	20
FRS 16	405 (16")	24
FRS 20	510 (20")	30
FRS 24	610 (24")	35
FRS 28	710 (28")	40

### FRICTION STAY FLOATING



- Made of AISI 304 stainless steel and brass.
- Built-in quick release levers allow window to be fully opened for easy cleaning or emergency escape.
   Restrictor mechanism automatically relocates and resets as the window is closed.
- To be used in side hung only.
- Designed as a pair of left and right (top and bottom).

Code	Size (mm)	Load (Kg)
FRS 16 FL	400	20

- Made of AISI 304 stainless steel.
- Autolatch at 90° opening.
- Press the latch to close window.
- Finish: RS.

Code	Max Recommended Size of Shutter (mm)
RAS 1	500mm (W) X 1200mm (H)



### FRICTION CATCH

- Made of SS 304.
- Can be used with regular hinges for windows.
- Pressure adjustment screw provided for adjusting pressure.
- Finish: RS.

Code	Size	Recomended Shutter Width
FRC 8	205 (8")	10 - 12 in
FRC 10	255 (10")	12 - 14 in
FRC 12	305 (12")	14 - 16 in
FRC 14	355 (14")	16 - 18 in
FRC 16	405 (16")	18 - 22 in
FRC 20	510 (20")	22 - 26 in
FRC 24	610 (24")	26 - 30 in
FRC 28	710 (28")	30 - 36 in



# WINDOW HANDLE

Design Reg. No: High: 171125/96 Low: 171124/96

- Styled for strong and comfortable grip for windows of PVC, Aluminium and other materials.
- Left and right hand movements.
- Special wedges with packings supplied with handles.

Code	Finish
AWH 21*	Powder Coated- BL,
AWH 9*	BR, WH, CG, SL, WW.

\* Add L for Left hand and R for Right hand after the code number.



## WINDOW HANDLE - EURO

- Designed with aesthetic look.
- Designed for strong and comfortable grips for Windows.
- Left and Right hand movements.
- Wedges are inbuilt in handles, no need of screwing wedges onto frame.
- Easy to fit.

Code	Finish	
E-WH1 (L/R)	Powder Coated- BL, BR, WH, CG, SL, WW.	



### ALUMINIUM WINDOW HANDLE - DELUXE

- Designed with aesthetic look.
- Designed for strong and comfortable grip for windows.
- Available for both left & right hand locking.
- Special wedges supplied with handles.
- Special packings of different heights provided.

Code	Finish
AWH - D1 (L/R)	Powder Coated Black, Silver, Brown & White



### MORTISE WINDOW HANDLE WITH LOCK

- Designed with aesthetic look.
- Designed for strong and comfortable grip for windows.
- Lockable with key.
- To be used with Transmission Lock Strip.

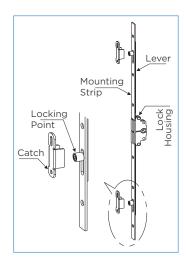
Code	Finish
AWH - DML1	Powder Coated FW / SL / BL



# TRANSMISSION LOCK STRIP

- Security & convenience is provided in this new design.
- Available in three different lengths with two & four locking points.
- Can be used for both left & right hand locking windows.
- Specially designed catch for strength.
- Compatible with ebco Mortise Window Handle with Lock (AWH-DML1)
- Finish: ZY

Code	Finish	Locking Points
TML 60	600	2
TML 100	1000	2
TML 160	1600	4

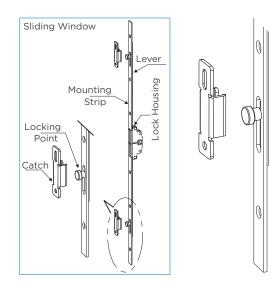




### TRANSMISSION LOCK STRIP FOR SLIDING DOORS

- Specially designed for sliding window doors.
- Security & convenience is provided in this new design.
- Available in three different lengths with two & four locking points.
- Can be used for both left & right hand locking windows.
- Specially designed catch for strength.
- Compatible with 'ebco' Mortise Window Handle with Lock (AWH-DML1).
- Finish: ZY

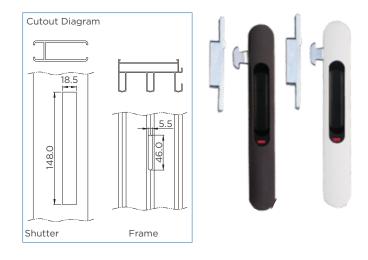
Code	Length mm	Locking Points
TMLS 60	600	2
TMLS 100	1000	2
TMLS 160	1600	4



### SLIDING WINDOW LATCH - CLICK FIT

- Left & Right side compatible.
- No screwing visible, click on to the cavity in the frame.
- Easy to fit.
- Finishes Window White, Black, Anodized Champagne, Anodised Brown.
- Receiver plate SWLC-F.

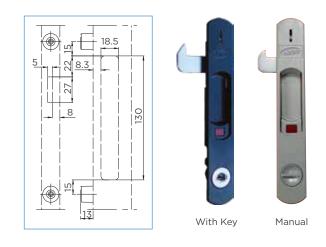
Code SWL C



### SLIDING WINDOW LOCK 1925

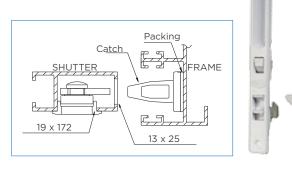
- This Sliding Window Lock is ideal for aluminium windows which is flexible for both 19mm and 25mm sections.
- It is clip-fix and screw-less.
- Easy in installation, as the locking lever can be assembled from front.
- Finishes: Powder Coated White, Brown, Light Grey and Black.
- The lock is with premium wave keys version.
- Receiver plate SWL6-CPH.

Item	Code
Sliding Window Lock 1925 (Manual)	P-SWL-1M
Sliding Window Lock 1925 (With Keys)	P-SWL-1K



- Ideal for 19mm (3/4") section.
- Available as a pair for left & right hand sliding windows.
- Designed to engage automatically with a spring loaded slide catch.
- It also has a unique safety lock switch.
- Also available with Cranked Hook for 25mm (1") section.
- Finishes Brown, Black, Window White, Silver & Champagne.

Item	Code	Receiver Plate
Sliding Window Latch	SWL 1	SWL1-C
Sliding Window Latch - Slide Catch	SWL 4	SWL 4-C
Sliding Window Latch - Catch Plate	SWL 5	SWL 5-CP



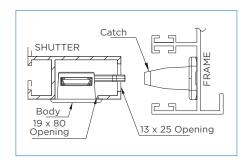
#### SL

### SLIDING WINDOW LATCH - EASY

- Economically designed and made out of Zinc alloy.
- Ideal for 19 mm (3/4") section.
- Available as pair for left and right hand sliding windows.
- Engages automatically with spring loaded catch.
- Finishes Brown, Black, Window White, Silver & Champagne.
- Receiver plate SWL3-D.

Code

E-SWL





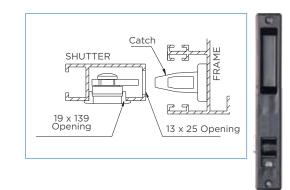
SLIDING WINDOW LATCH (ECO)

Design Reg. No:194299

- Economical design and made of highly durable plastic.
- Ideal for 19mm (3/4") section.
- Available as a pair for left and right hand sliding windows.
- Also available with Cranked Hook for 25mm (1") section.
- Finishes Brown, Black, Window White and Silver.
- Receiver plate SWL2-C

Code

SWL 2





### CRESCENT LATCH

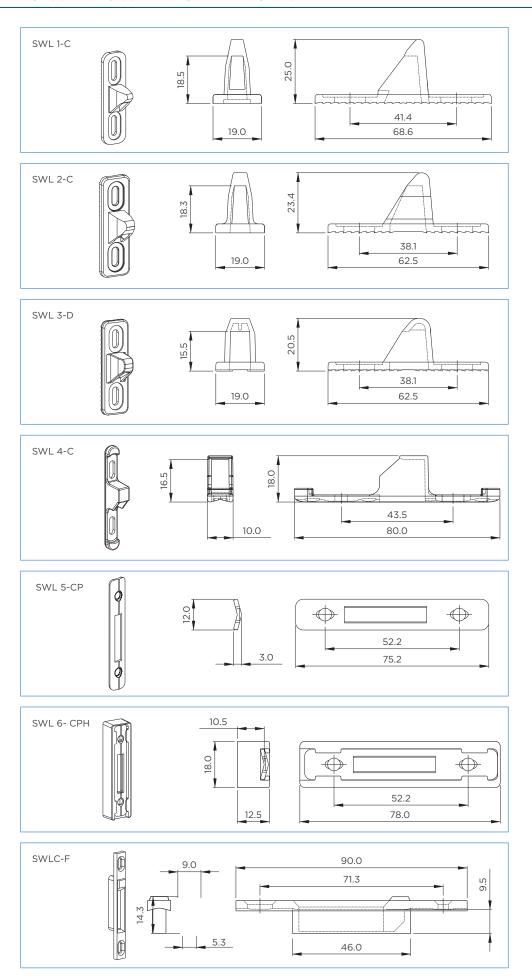
Design Reg. No:166311/93

- An unique lock for sliding windows.
- Easy locking and unlocking by simple half rotating, clock-wise or anti clock-wise.
- Eliminates the need for handles.
- Available for both right and left hand locking.
- \* Add L or R for left or right hand. # Add S for S-clasp, Z for Z-clasp and F for flat clasp.

Code	Finish
CRL 1*#	Zinc White
CRL 2*#	PC BR/ BL SL/ WW



# SLIDING WINDOW LATCH - RECEIVER PLATE

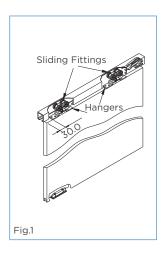


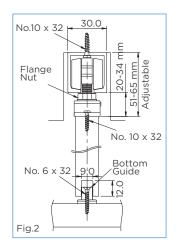
### SLIDING DOOR FITTINGS -STANDARD

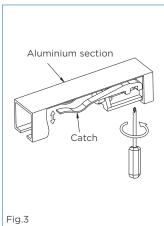
- Precision roller system has good load bearing & life
- Has special guides and catches to secure the door
- Load capacity 125 kgs
- Easy to install

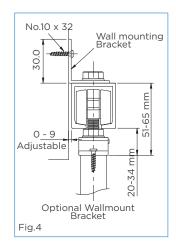
Item	Code	Finish
Sliding Fitting	SDF 125S	Zinc White
Aluminium Section (125 Kgs.)-2.44m	SDF AS 125 2	Anodised Silver
Aluminium Section (125 Kgs.)-3.66m	SDF AS 125 3	Anodised Silver
Wall Mounting Bracket	SDF - WB	Zinc White









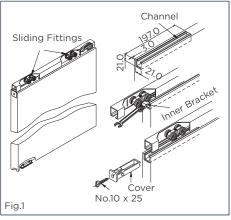


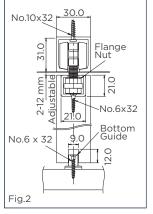
### SLIDING DOOR FITTINGS - FLUSH

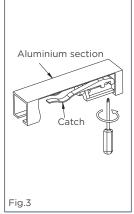
- Precision roller system has good load bearing and life
- Has special guides and catches to the door
- Special flush fittings to conceal gaps
- Load capacity 125 kgs

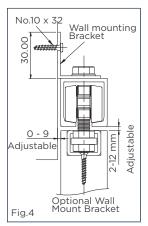


Item	Code	Finish
Sliding Fitting	SDF 125F	Zinc White
Aluminium Section (125 Kgs.)-2.44m	SDF AS 125 2	Anodised Silver
Aluminium Section (125 Kgs.)-3.66m	SDF AS 125 3	Anodised Silver
Wall Mounting Bracket	SDF - WB	Zinc White







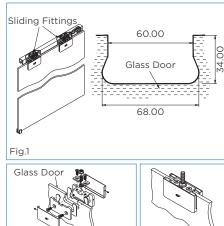


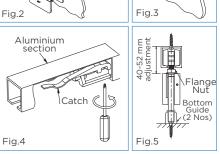
## SLIDING DOOR FITTINGS - GLASS

- Ideally designed for glass doors.
- Precision roller system has good load bearing and life.
- Has special guides and catches to secure the door.
- Glass thickness 6 to 10mm
- Load capacity 125 kgs.



Item	Code	Finish
Sliding Fitting Glass-125	SDF 125G	Zinc White
Aluminium Section (125 Kgs.)-2.44m	SDF AS 125 2	Anodised Silver
Aluminium Section (125 Kgs.)-3.66m	SDF AS 125 3	Anodised Silver
Wall Mounting Bracket	SDF - WB	Zinc Plated



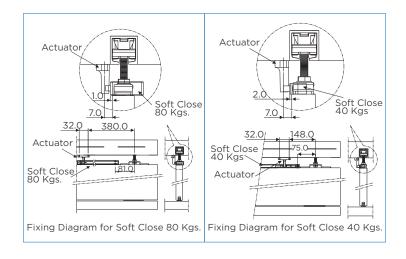


### SOFT CLOSE KIT FOR SDF 125

- Soft Close System
- Actuator load rating 40kgs & 80kgs
- Easy to install
- System 32 compatible



Item	Code	Finish
Soft Close Kit for SDF 125	SDF-SC	BL
Soft Close Kit for SDF 125 (80kg)	SDF-SC80	GR



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