

# HENDERSON



## Shutter Slide

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



# SHUTTER SLIDE

P C Henderson's Shutter Slide is a high performing straight sliding louvre system, suitable for residential and commercial applications. The highly flexible system can cater for wooden and metal external louvre panels weighing up to 120kg.

Offering a variety of inspiring and functional design possibilities, the system is available in; single panel, simultaneous action panel or telescopic panel variants. All systems are available in either manual or automatic operation.

Louvre systems offer many benefits such as harvesting energy from the sun, thermal insulation, light reduction, sound insulation, flexible privacy options as well as the ability to enhance a facades' architectural aesthetic appearance.

Using proven technology from our popular Soltaire system, Shutter Slide guarantees a smooth running system with fingertip operation or automatic control.


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

## Testing

Our Shutter Slide track system has been tested to 100,000 cycles, and meets BS EN 1527, BS EN 13659, BS EN 16005, and ISO 9001 standards.

Wind load testing should be carried out based on a projects individual requirements. P C Henderson can utilise in-house 3D CAD software to provide an indicative wind load calculation.

## Shutter Slide

		Maximum Panel Weight	
		M	A
Single Panel		120kg	120kg
Simultaneous Action		120kg	60kg
Telescopic (2 Panels)		120kg	80kg
Telescopic (3 Panels)		120kg	60kg

**M** Manual **A** Automatic

## State of the Art Drive Technology

The low voltage, energy efficient electric motors (24V or 230V) 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, allowing the louvre panels to be opened and closed via a central reception area or a building management system.

The motor can also be further refined through the use of light, rain and wind sensors as well as timers to ensure they are always in their optimum position.

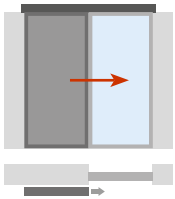
# Shutter Slide

## Features and Benefits

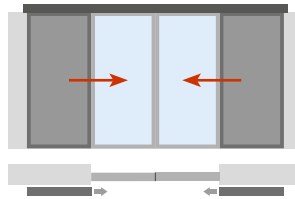
- Single, simultaneous action or telescopic variants
- Smooth, quiet and discreet
- Caters for wooden and metal louvre panels
- Highly corrosion resistant and hard wearing (manufactured from marine grade 316, A4, stainless steel)
- Components tested to 100,000 cycles
- Manual or automatic operation (24V and 230V options)
- State of the art drive technology
- Automatic operation by remote control or building management system
- Fast and efficient installation
- Range of guide options for every possibility
- Indicative wind load calculations provided on request



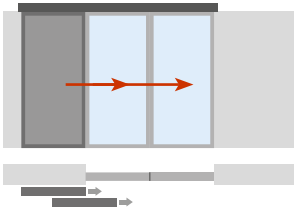
Single Panel



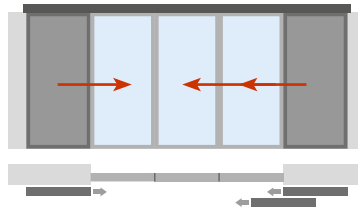
Simultaneous Action



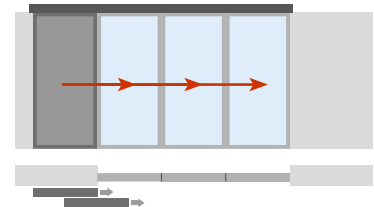
Telescopic (2)



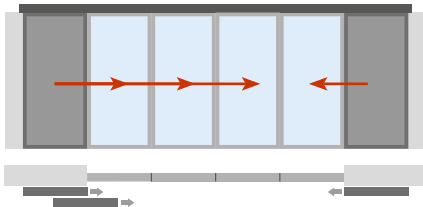
Telescopic (1 + 2)



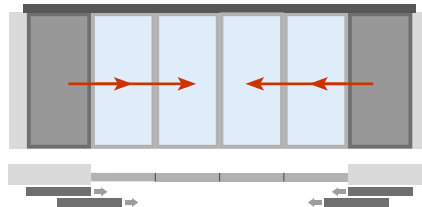
Telescopic (3)



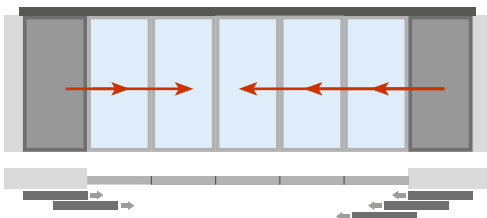
Telescopic (3 + 1)



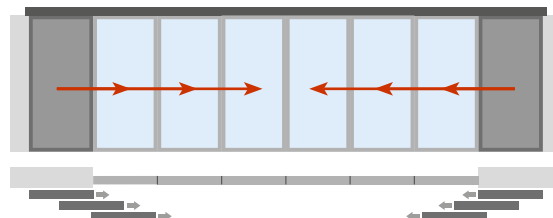
Telescopic (2 + 2)



Telescopic (2 + 3)



Telescopic (3 + 3)





# Shutter Slide

## Single Panel

Shutter Slide Single Panel allows for the simple sliding movement of one louvre panel weighing up to 120kg. Available in a choice of either manual or automatic operation, the system is a beautiful addition to any building.

With a smooth anodised aluminium track, precision engineered hangers and a choice of fascia – the system is extremely smooth, quiet, rattle free and discreet.

The system can be combined with a state of the art drive unit for further sophistication, allowing the panel to be operated by a remote control or alternatively through a building control management system.

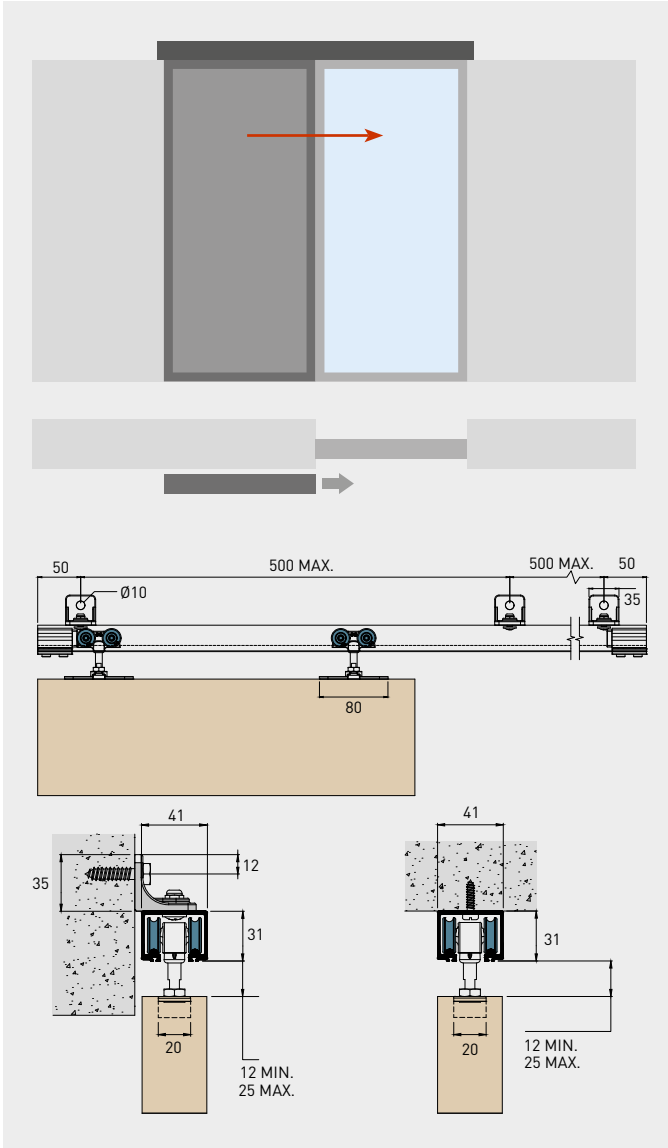


### Single Panel | Manual M

Specification	
Min. Panel Width	400mm
Max. Panel Height	3000mm
Panel Thickness Range	35 - 50mm
Max. Track Length	6000mm
Max. Panel Weight	120kg

### Single Panel | Automatic A

Specification	
Min. Panel Width	400mm
Max. Panel Height	3000mm
Panel Thickness Range	35 - 50mm
Max. Track Length	6000mm
Max. Panel Weight	120 kg



# Shutter Slide

## Simultaneous Action

Shutter Slide Simultaneous Action allows two bi-parting louvre panels to open and close simultaneously. The eye catching system can cater for manual panels weighing up to 120kg each and automated panels weighing up to 60kg each.

Simultaneous Action holds all the benefits of the single panel system but can cater for two louvre panels to cover a larger opening width.

When used manually, the user simply pulls one panel and the other will open or close simultaneously. Alternatively the system can be combined with one of our state of the art motors for automatic simultaneous operation.

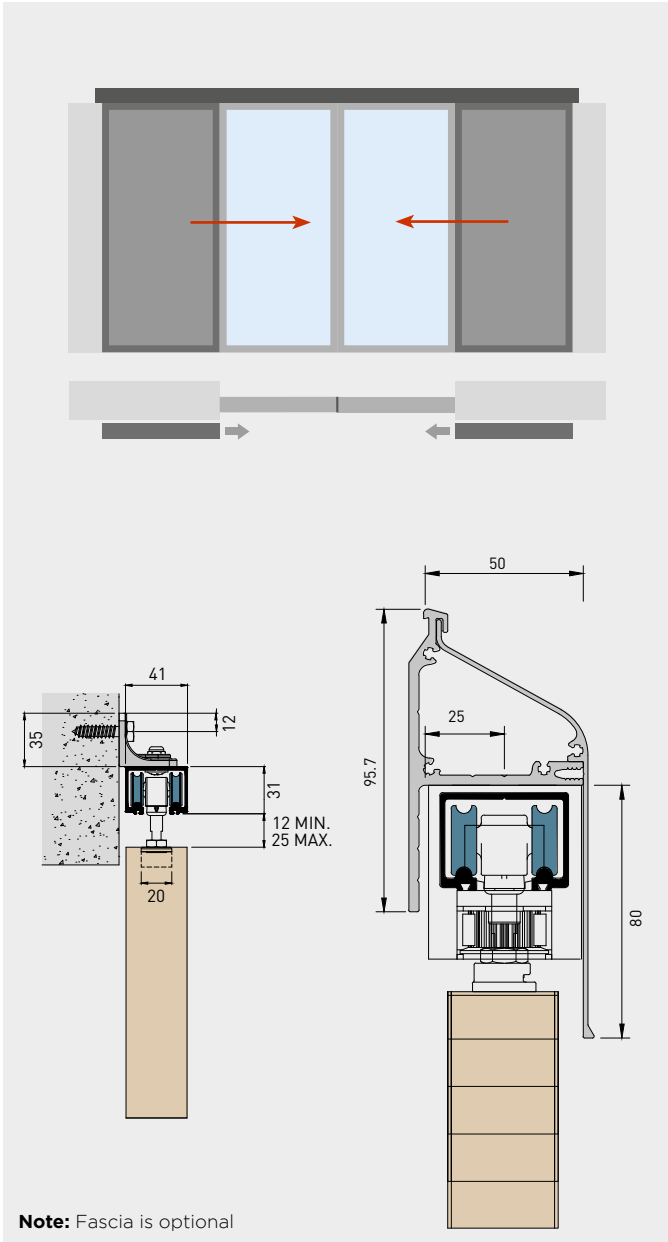


### Simultaneous Action | Manual M

Specification	
Min. Panel Width	400mm
Max. Panel Height	3000mm
Panel Thickness Range	35 - 50mm
Max. Track Length	6000mm
Max. Panel Weight	120 kg

### Simultaneous Action | Automatic A

Specification	
Min. Panel Width	400mm
Max. Panel Height	3000mm
Panel Thickness Range	35 - 50mm
Max. Track Length	6000mm
Max. Panel Weight	60 kg



# Shutter Slide

## Telescopic

Shutter Slide Telescopic allows multiple panels to be linked together via a toothed belt and pulley system so that they can glide across the track simultaneously. The system is ideal for multiple rows of windows or doors which require a louvre system.

Panels can weigh up to 120kg when used on a manual system and 80kg or 60kg when used as an automated system - depending if two or three panels are being used. Larger formations of telescopic panels can be created as long as there is no more than two or three panels at each side (see diagrams).



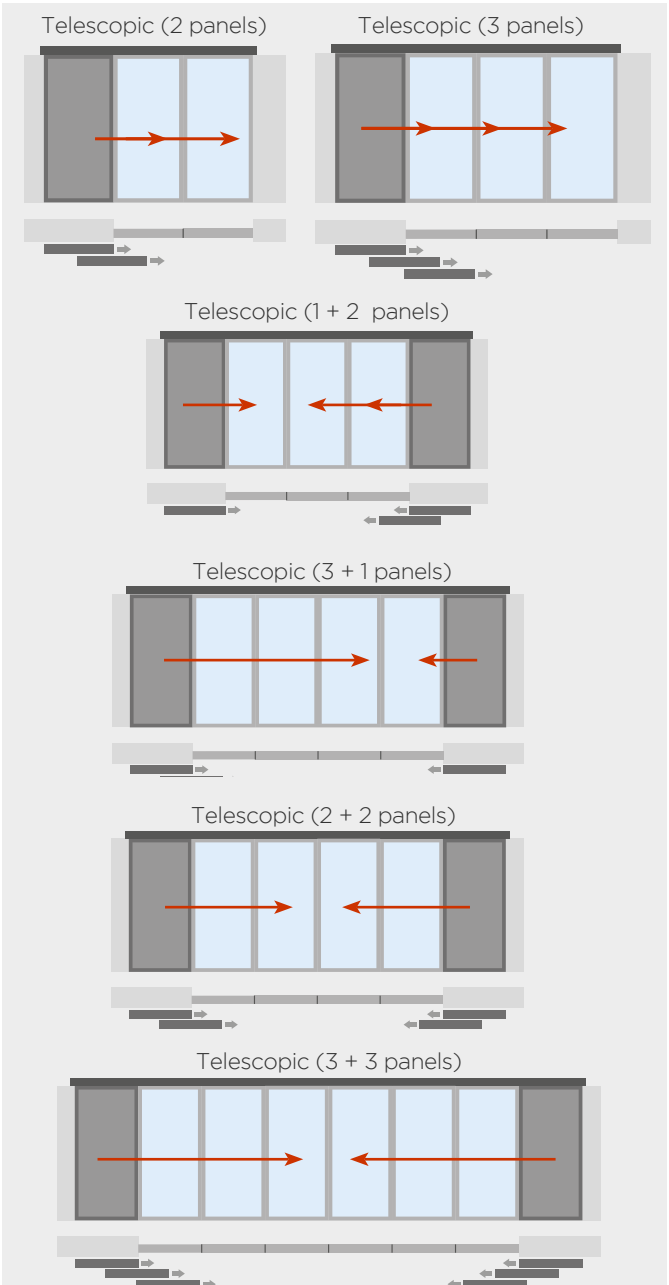
### Telescopic | Manual M

Specification	
Min. Panel Width	400mm
Max. Panel Height	3000mm
Panel Thickness Range	35 - 47mm
Max. Track Length	6000mm
Max. Panel Weight (2 doors)	120kg
Max. Panel Weight (3 doors)	120kg

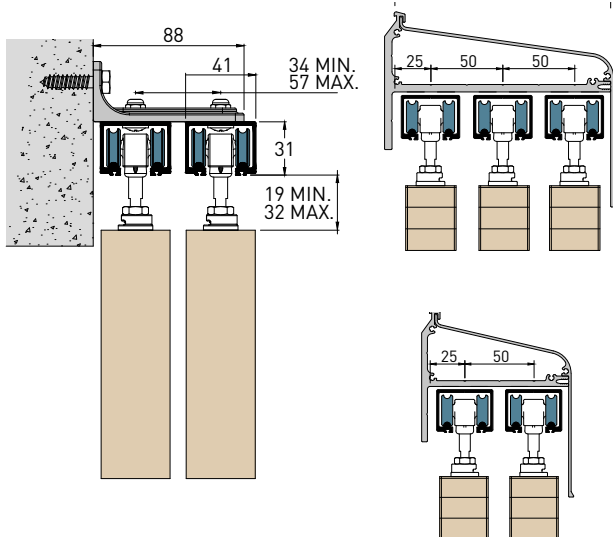
### Telescopic | Automatic A 1 Motor\*

Specification	
Min. Panel Width	400mm
Max. Panel Height	3000mm
Panel Thickness Range	35 - 47mm
Max. Track Length	6000mm
Max. Panel Weight (2 doors)	80kg
Max. Panel Weight (3 doors)	60kg

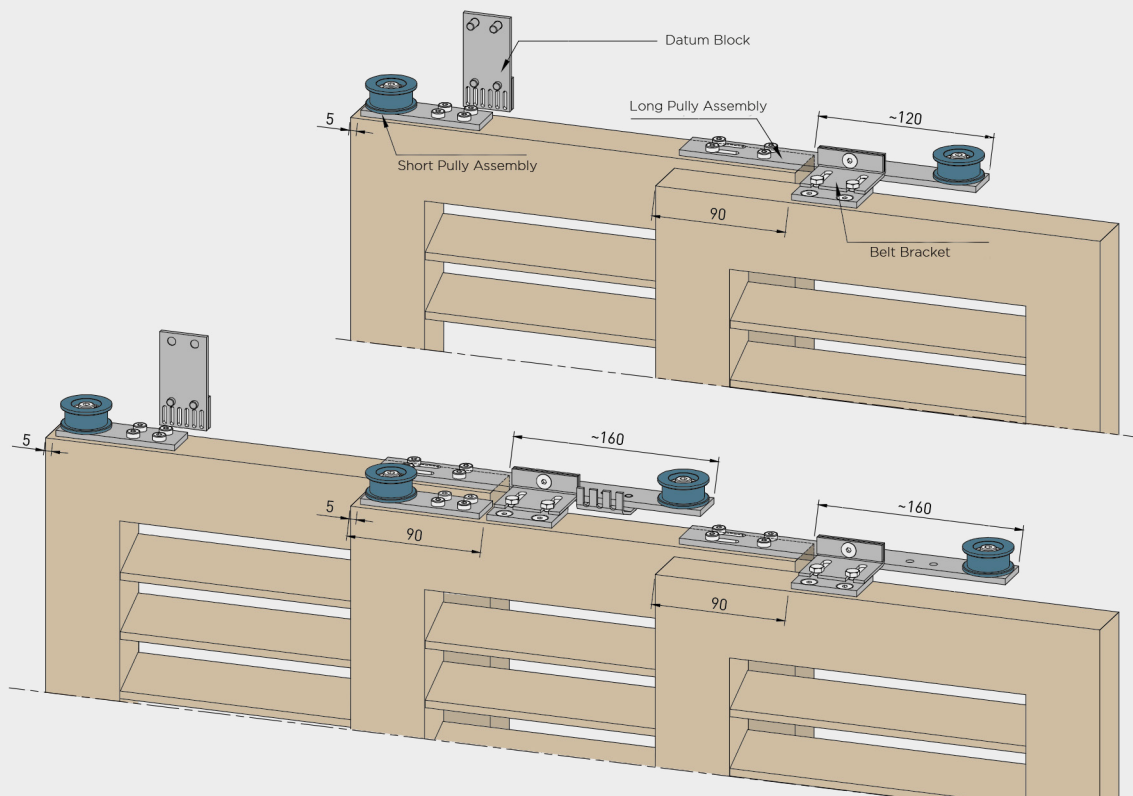
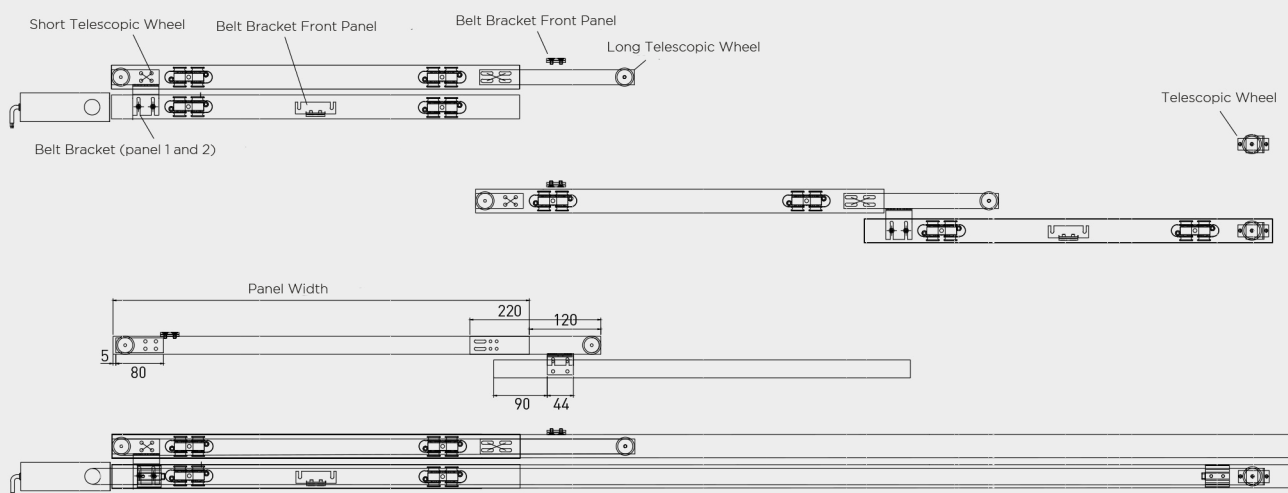
**\*Note:** P C Henderson recommends the system to be used via electric operation in order to ensure ease of use. Electric operation can be used for up to three panels, using one motor. Additional panels can be incorporated through the use of an extra motor.





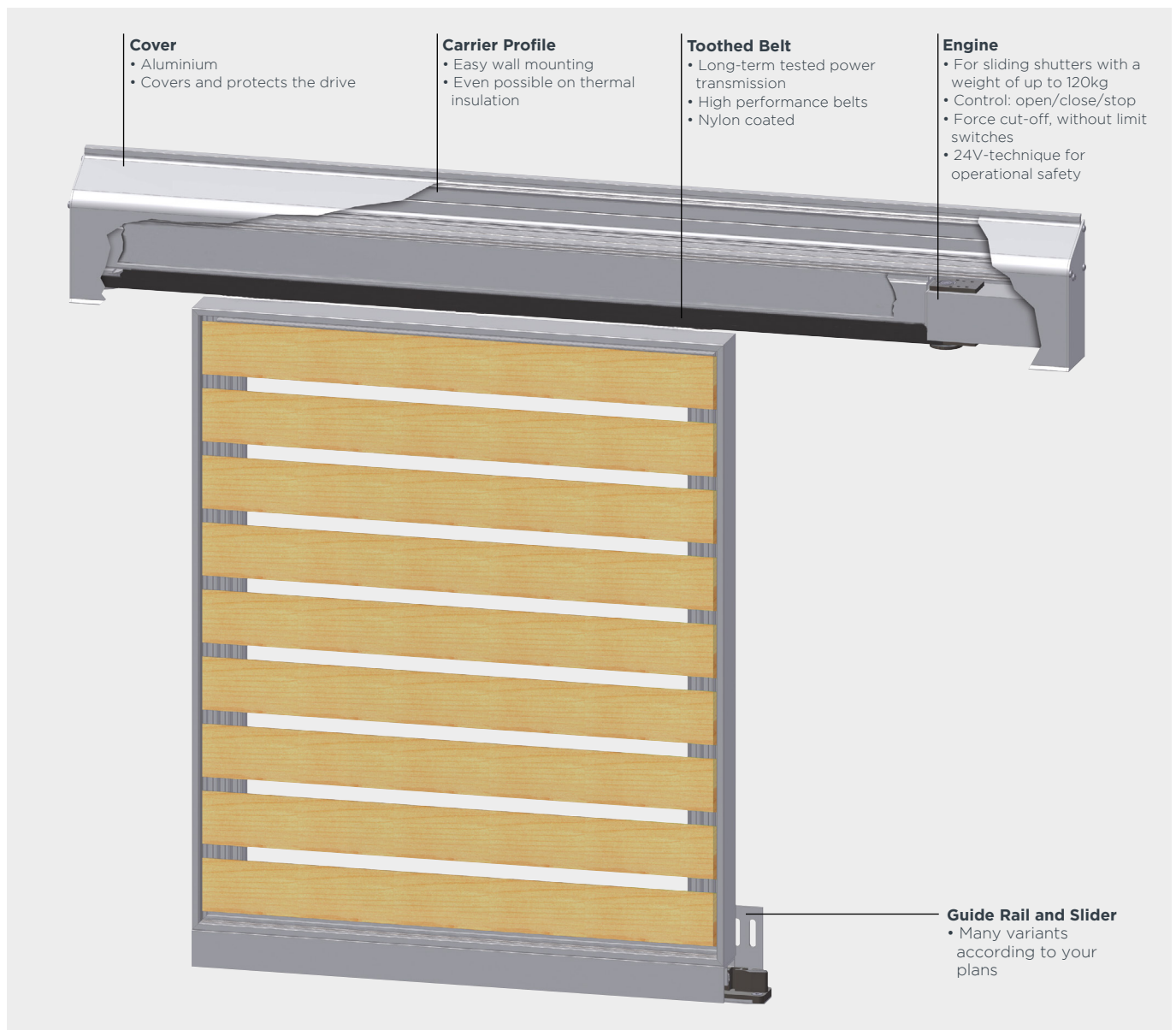


## Telescopic Configurations



# Shutter Slide

## Overview of Components



## Motor

Available in 24V or 230V options our state of the art motors come complete with connection cable and belt. Available accessories include a wireless remote control, control panel, timers and sensors. The motor can be hidden behind one of our optional fascias for added discretion and protection. Speed is 0.2m/s .50 watt.



Motor 24V



Motor 230V

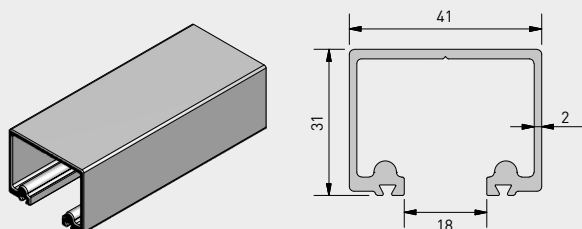


# Shutter Slide

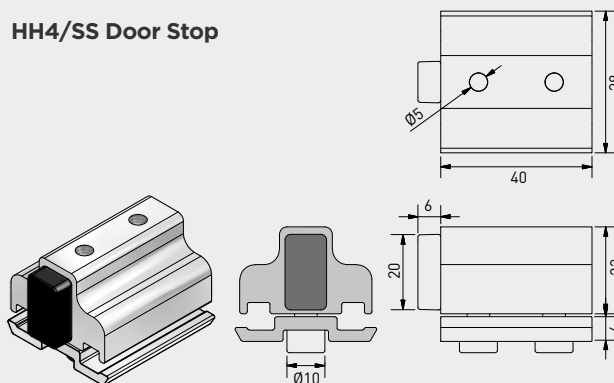
## Soltaire Components

### 120 Track

Anodised aluminium

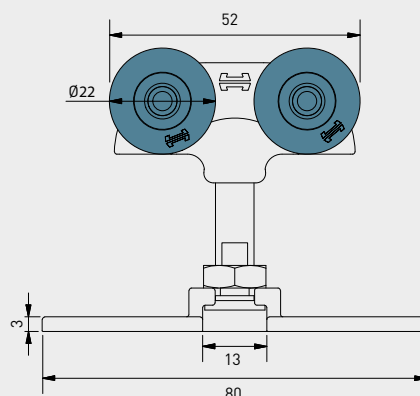
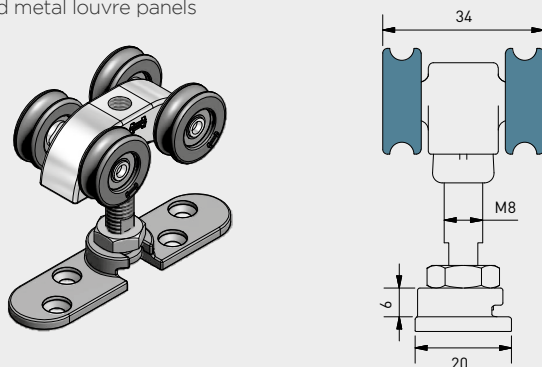


### HH4/SS Door Stop



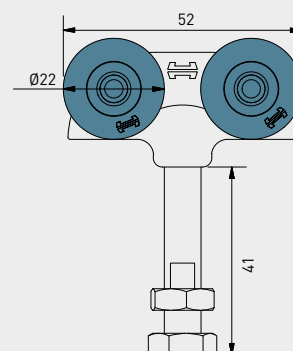
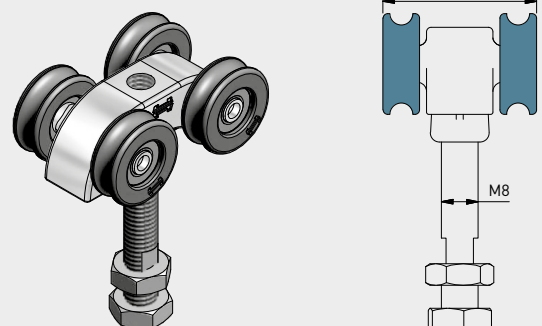
### 51/120/SS Hanger

Top fixed, surface mounted for wooden and metal louvre panels



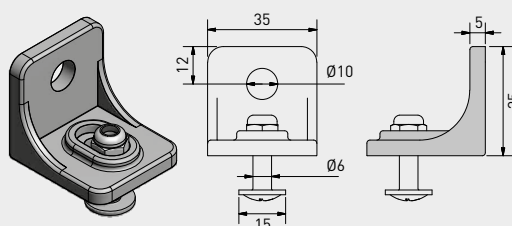
### 56/120/SS Hanger

Angle frame for wooden and metal panels



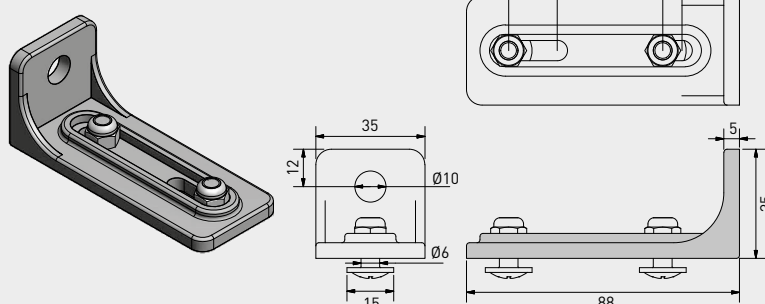
### 1/SS Face Fixing Bracket

600mm spacing



### 5/SS Face Fixing Bracket

900mm spacing

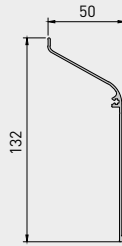
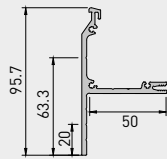
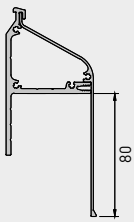


# Shutter Slide

## Wall Fixing Profile with Fascia & End Caps

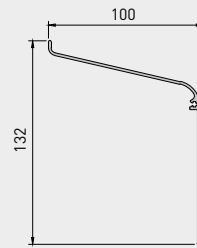
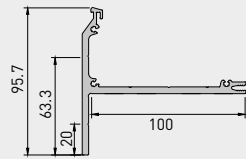
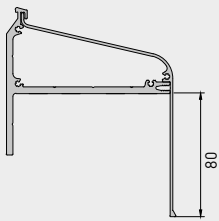
### WP50 Wall Fixing Profile

for 1 track



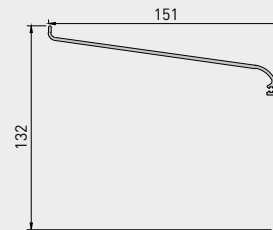
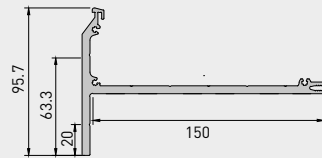
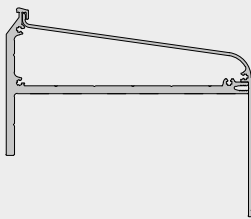
### WP100 Wall Fixing Profile

for 2 tracks



### WP150 Wall Fixing Profile

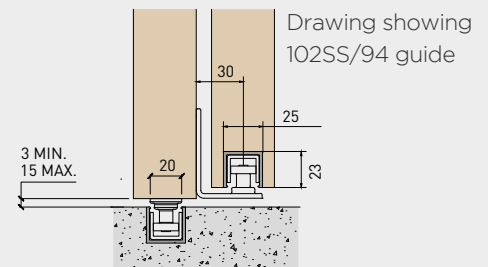
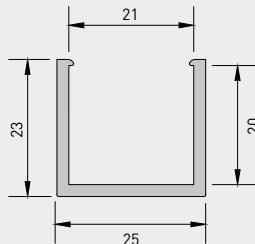
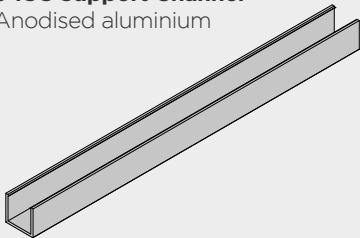
for 3 tracks



## Accessories

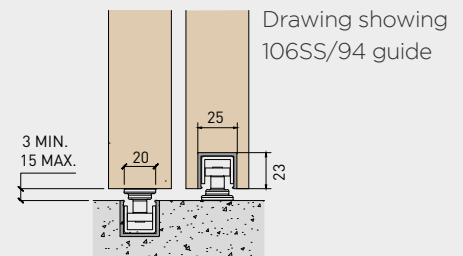
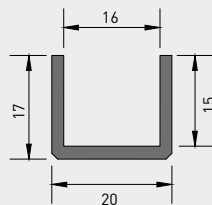
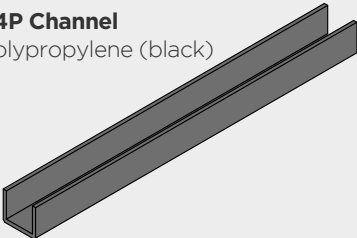
### 94SC Support Channel

Anodised aluminium

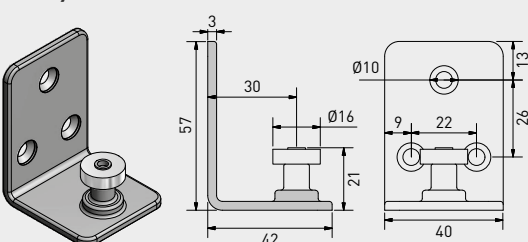


### 94P Channel

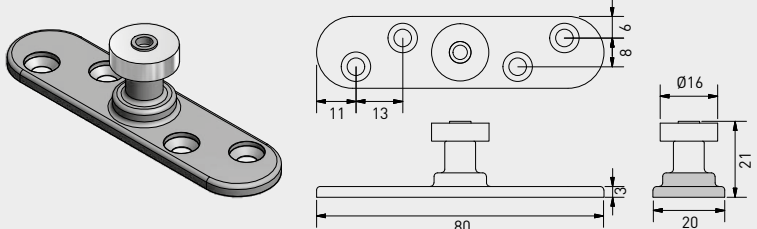
Polypropylene (black)



### 102SS/94 Wall Mounted Guide



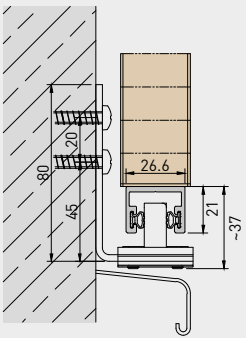
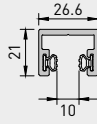
### 106SS/94 Concealed Guide



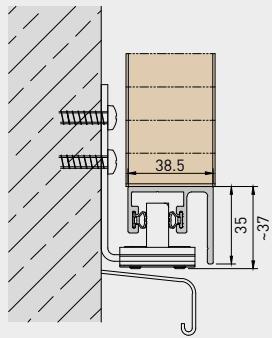


# Shutter Slide Guides

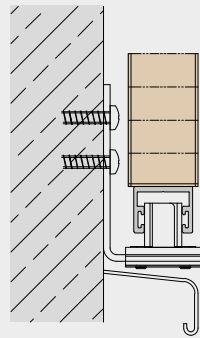
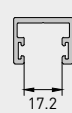
**GSS/U+R**  
U Profile  
(with Gasket)



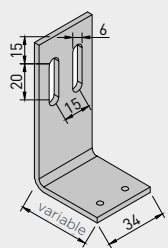
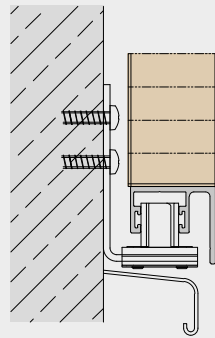
**GSS/UL+R**  
U Profile  
(with L profile and gasket)



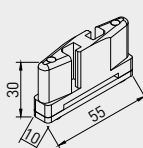
**GSS/U**  
U Profile



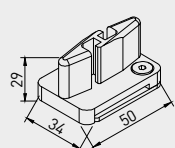
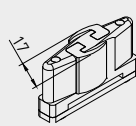
**GSS/UL**  
U Profile  
(with L profile)



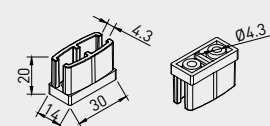
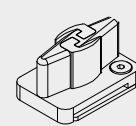
**GSS/MK**  
L Plate available in 40, 60 or 80mm lengths



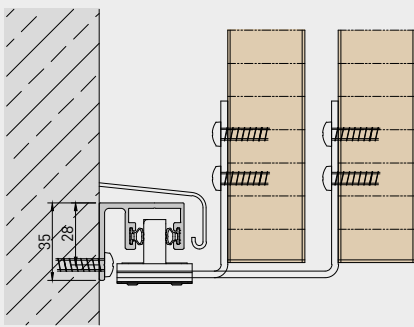
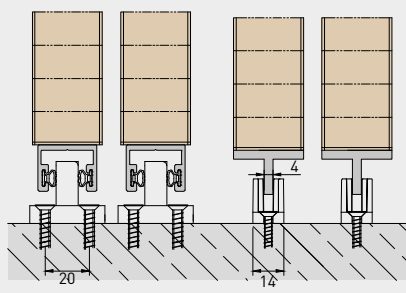
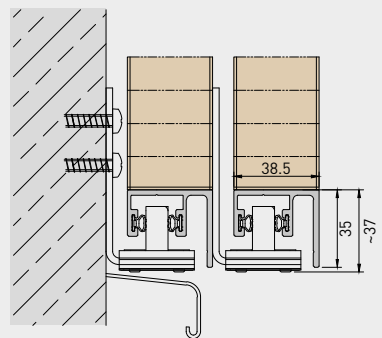
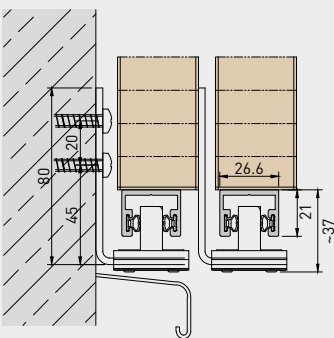
**GSS/SS+K**  
Guide  
(to be used with GSS/MK)



**GSS/SB+K**  
Guide  
(to be used with GSS/MK)



**GSS/SL**  
Plastic U Guide  
(to be used with L profile or T profile)



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