



**Pinz Roller Shutters**  
Catalogue 2017



# Pinz Roller Shutters

Catalogue 2017

## Australasia's Leading Supplier of Made To Measure Roller Shutters & Home Automation Products

If you're in the Roller Shutter or Home Automation business, you really should consider Pinz for the supply of your made to measure roller shutters, roller shutter accessories and home automation products!

Pinz is one of Australasia's leading manufacturers and wholesale suppliers of high quality roller shutter products. With state-of-the-art manufacturing facilities and processes, coupled with over 30 years manufacturing experience, we take pride in supplying the Australasian market with the highest quality and widest range of roller shutter products.

Pinz also supplies some of the world's best automation products and solutions for awnings, blinds, roller shutters, home cinema projection screens, TV lifts and gates.

Whether you are an installer, manufacturer or retailer, Pinz can help your roller shutter business become more efficient by saving you time and money. Why not reduce your labour costs, machinery maintenance costs and stock holdings?

At Pinz we manufacture the highest quality, precision-cut roller shutters and back our quality with exceptional service, industry-best technical support, marketing materials to help you sell, as well as always ensuring readily available supply of product across Australasia! And all our roller shutters offer a 5 Year Guarantee.

With Pinz as your made to measure supplier, your Roller Shutter and Home Automation business will start rolling in!



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# Made to Measure Roller Shutters

## 42mm Single Line Roller Shutter

(Residential/Light Commercial)



This roller shutter range is made with a precision roll formed roller shutter profile.

### Suitable Applications

- Domestic Windows.
- Domestic Doorways.
- Light Commercial Shop Fronts & Windows.
- Counter Tops/Serveries.

### Features

- High quality aluminium alloy construction.
- Foam filled profile for additional strength and silent operation.
- High quality painted finish.
- Smooth and curved face profile.
- Roll-tight design.
- Wide range of colours.
- Double coated + lacquer for abrasion resistant finish.
- Machine inserted profile end clips providing extra shutter strength.
- High quality internal sealed bearings.
- Suitable for widths up to 3200mm.
- Can be manually operated or motorised.
- Made in Australia.

### Technical Specifications

Maximum Shutter Width	3200mm
Maximum Shutter Height	2600mm
Maximum Surface Area	7m <sup>2</sup>
Curtain Weight/Metre <sup>2</sup>	3.2kg
Number Of Slats/Metre	24
Profile Slat Covering	42mm
Profile Slat Thickness	8.5mm
Axle Types	Octagonal Aluminium or Steel
Bottom Bar Dimensions	55mm x 8.5mm
Guide Dimensions	53mm x 22mm
Paint Finish	Polyurethane/Polyamide (PU/PA)
Inner Profile Foam Type	Poly Urethane (CFC Free)

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.


























## Pelmet Sizes & Maximum Shutter Height

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
150mm	31	1300mm	60mm
165mm	41	1700mm	60mm
180mm	52	2200mm	60mm
205mm	67	2850mm	60mm
230mm	93	3900mm	60mm

## Wind Speeds & Maximum Shutter Width

Wind Speed	Max. Shutter Width	Max. Surface Area
11.2m/sec	3200mm	9.7m <sup>2</sup>
13m/sec	3010mm	9.03m <sup>2</sup>
15.8m/sec	2550mm	7.65m <sup>2</sup>
20.4m/sec	2180mm	6.54m <sup>2</sup>
25.9m/sec	1940mm	5.82m <sup>2</sup>
34.9m/sec	1990mm	5.37m <sup>2</sup>

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/ Guides/Bottom Bars
 Cream	 Cream
 Magnolia Cream	 Magnolia Cream
 Clear Beige	 Clear Beige
 White	 White
 Grey	 Brown
 Brown	 Black
 Beige	 Woodland Grey
 Green	Powder coated options available (additional charges apply)
 Red	
 Bronze	
 Black	
 Charcoal	
 Silver	
 Deep Ocean	
 Woodland Grey	

## Control Options

### Manual Options



Strap Winder  
(Up To 20Kg)



Cord Winder  
(Up To 20Kg)



Steel Cable Winder  
(Up To 50Kg)



Strap Coiler  
(Up To 20Kg)



Cord Coiler  
(Up To 20Kg)



Spring Loaded  
With Key Lock

### Motorised Options



Remote Control  
With SolarSmart™  
Automation  
12V Motor



PowerSmart™  
Control System  
With 12V Motor



Wall Switch  
With 240V  
Electric Motor



Remote Control  
With 240V  
Electric SIMU Hz  
Motor



Key Switch  
With 240V  
Electric Motor



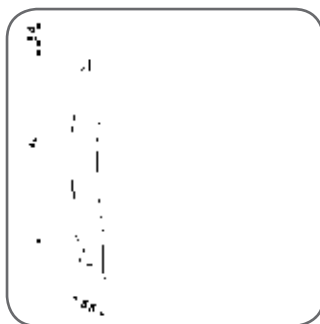
Crank Handle  
With 240V  
Electric Manual  
Override Motor

To place an order please complete the **Pinz Made To Measure Roller Shutter Order Form** available from your Pinz representative.

# Made to Measure Roller Shutters

## 42mm Double Line Roller Shutter

(Residential/Light Commercial)



This roller shutter range is made with a precision roll formed roller shutter profile.

### Suitable Applications

- Domestic Windows.
- Domestic Doorways.
- Light Commercial Shop Fronts & Windows.
- Counter Tops/Serveries.

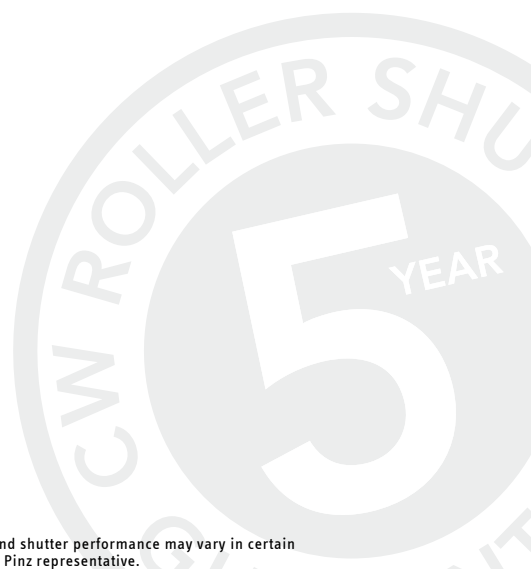
### Features

- High quality aluminium alloy construction.
- Foam filled profile for additional strength and silent operation.
- High quality painted finish.
- Double line grooved and curved face profile.
- Roll-tight design.
- Wide range of colours.
- Double coated + lacquer for abrasion resistant finish.
- Machine inserted profile end clips providing extra shutter strength.
- High quality internal sealed bearings.
- Suitable for widths up to 3200mm.
- Can be manually operated or motorised.
- Made in Australia.

### Technical Specifications

Maximum Shutter Width	3200mm
Maximum Shutter Height	2600mm
Maximum Surface Area	7m <sup>2</sup>
Curtain Weight/Metre <sup>2</sup>	3.2kg
Number Of Slats/Metre	24
Profile Slat Covering	42mm
Profile Slat Thickness	8.5mm
Axle Types	Octagonal Aluminium or Steel
Bottom Bar Dimensions	55mm x 8.5mm
Guide Dimensions	53mm x 22mm
Paint Finish	Polyurethane/Polyamide (PU/PA)
Inner Profile Foam Type	Poly Urethane (CFC Free)

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.

























## Pelmet Sizes & Maximum Shutter Height

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
150mm	31	1300mm	60mm
165mm	41	1700mm	60mm
180mm	52	2200mm	60mm
205mm	67	2850mm	60mm
230mm	93	3900mm	60mm

## Wind Speeds & Maximum Shutter Width

Wind Speed	Max. Shutter Width	Max. Surface Area
11.2m/sec	3200mm	9.7m <sup>2</sup>
13m/sec	3010mm	9.03m <sup>2</sup>
15.8m/sec	2550mm	7.65m <sup>2</sup>
20.4m/sec	2180mm	6.54m <sup>2</sup>
25.9m/sec	1940mm	5.82m <sup>2</sup>
34.9m/sec	1990mm	5.37m <sup>2</sup>

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/ Guides/Bottom Bars
 Cream	 Cream
 Magnolia Cream	 Magnolia Cream
 Clear Beige	 Clear Beige
 White	 White
 Grey	 Brown
 Brown	 Black
 Beige	 Woodland Grey
 Green	Powder coated options available (additional charges apply)
 Red	
 Bronze	
 Black	
 Charcoal	
 Silver	
 Deep Ocean	
 Woodland Grey	

## Control Options

### Manual Options



Strap Winder  
(Up To 20Kg)



Cord Winder  
(Up To 20Kg)



Steel Cable Winder  
(Up To 50Kg)



Strap Coiler  
(Up To 20Kg)



Cord Coiler  
(Up To 20Kg)



Spring Loaded  
With Key Lock

### Motorised Options



Remote Control  
With SolarSmart™  
Automation  
12V Motor



PowerSmart™  
Control System  
With 12V Motor



Wall Switch  
With 240V  
Electric Motor



Remote Control  
With 240V  
Electric SIMU Hz  
Motor



Key Switch  
With 240V  
Electric Motor



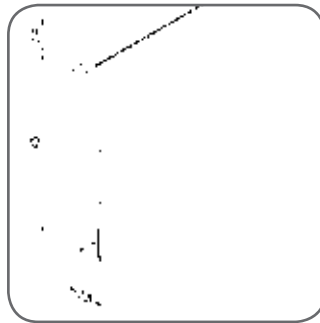
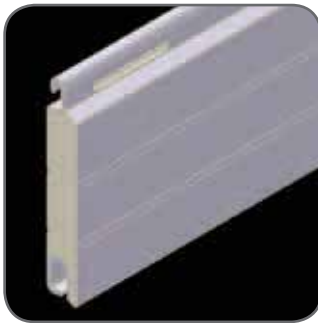
Crank Handle  
With 240V  
Electric Manual  
Override Motor

**To place an order please complete the Pinz Made To Measure Roller Shutter Order Form available from your Pinz representative.**

# Made to Measure Roller Shutters

## 40mm Flat Roller Shutter

(Residential/Light Commercial)



This roller shutter range is made with a precision roll formed roller shutter profile.

### Suitable Applications

- Domestic Windows.
- Domestic Doorways.
- Light Commercial Shop Fronts & Windows.
- Counter Tops/Serveries.

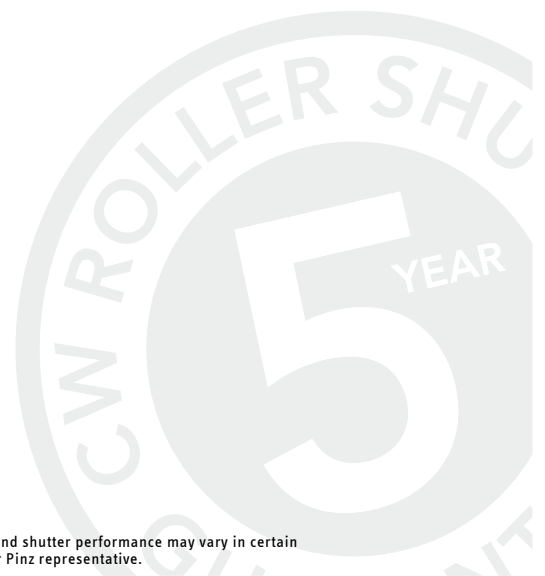
### Features

- High quality aluminium alloy construction.
- Foam filled profile for additional strength and silent operation.
- High quality painted finish.
- Double line grooved and flat face profile.
- Wide range of colours.
- Double coated + lacquer for abrasion resistant finish.
- High quality internal sealed bearings.
- Suitable for widths up to 3200mm.
- Can be manually operated or motorised.
- Made in Australia.

### Technical Specifications

Maximum Shutter Width	3200mm
Maximum Shutter Height	2600mm
Maximum Surface Area	7m <sup>2</sup>
Curtain Weight/Metre <sup>2</sup>	3.5kg
Number Of Slats/Metre	25
Profile Slat Covering	40mm
Profile Slat Thickness	7.5mm
Axle Types	Octagonal Aluminium or Steel
Bottom Bar Dimensions	55mm x 8.5mm
Guide Dimensions	53mm x 22mm
Paint Finish	Polyurethane/Polyamide (PU/PA)
Inner Profile Foam Type	Poly Urethane (CFC Free)

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.





















## Pelmet Sizes & Maximum Shutter Height

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
150mm	25	1000mm	60mm
165mm	30	1200mm	60mm
180mm	40	1600mm	60mm
205mm	60	2400mm	60mm
230mm	75	3000mm	60mm

## Wind Speeds & Maximum Shutter Width

Wind Speed	Max. Shutter Width	Max. Surface Area
11.2m/sec	3200mm	9.7m <sup>2</sup>
13m/sec	3010mm	9.03m <sup>2</sup>
15.8m/sec	2550mm	7.65m <sup>2</sup>
20.4m/sec	2180mm	6.54m <sup>2</sup>
25.9m/sec	1940mm	5.82m <sup>2</sup>
34.9m/sec	1990mm	5.37m <sup>2</sup>

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/ Guides/Bottom Bars
 Cream	 Cream
 Clear Beige	 Magnolia Cream
 White	 Clear Beige
 Grey	 White
 Brown	 Brown
 Beige	 Black
 Green	 Woodland Grey
 Red	Powder coated options available (additional charges apply)
 Bronze	

## Control Options

### Manual Options



Strap Winder  
(Up To 20Kg)



Cord Winder  
(Up To 20Kg)



Steel Cable Winder  
(Up To 50Kg)



Strap Coiler  
(Up To 20Kg)



Cord Coiler  
(Up To 20Kg)



Spring Loaded  
With Key Lock

### Motorised Options



Remote Control  
With SolarSmart™  
Automation  
12V Motor



PowerSmart™  
Control System  
With 12V Motor



Wall Switch  
With 240V  
Electric Motor



Remote Control  
With 240V  
Electric SIMU Hz  
Motor



Key Switch  
With 240V  
Electric Motor



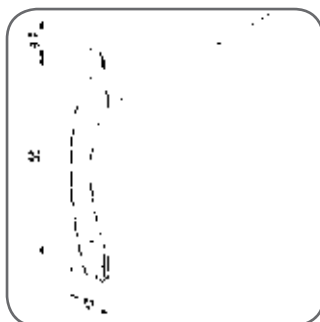
Crank Handle  
With 240V  
Electric Manual  
Override Motor

**To place an order please complete the Pinz Made To Measure Roller Shutter Order Form available from your Pinz representative.**

# Made to Measure Roller Shutters

## 55mm Widespan Roller Shutter

(Widespan Residential/Light Commercial)



### Technical Specifications

Maximum Shutter Width	4500mm
Maximum Shutter Height	3000mm
Maximum Surface Area	10m <sup>2</sup>
Curtain Weight/Metre <sup>2</sup>	4kg
Number Of Slats/Metre	18
Profile Slat Covering	55mm
Profile Slat Thickness	12mm
Axle Types	Octagonal Steel
Bottom Bar Dimensions	55mm x 8.5mm
Guide Dimensions	68mm x 25mm/18mm
Paint Finish	Polyurethane/Polyamide (PU/PA)
Inner Profile Foam Type	Poly Urethane (CFC Free)

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.

This roller shutter range is made with a precision roll formed roller shutter profile, and is suitable for many widespan applications.

### Suitable Applications

- Domestic Windows.
- Domestic Doorways.
- Garage Doors.
- Light Commercial Shop Fronts & Windows.
- Counter Tops/Serveries.
- Entry Level Security for Factories, Warehouses, Clubs, Pubs & Hotels, Restaurants, Pharmacies & Sports Complexes.

### Features

- High quality aluminium alloy construction.
- Foam filled profile for additional strength, security and silent operation.
- High quality painted finish.
- Smooth and curved face profile.
- Roll-tight design.
- Range of colours.
- Double coated + lacquer for abrasion resistant finish.
- Heavy duty steel axle with high quality internal sealed bearings.
- Suitable for widespan widths up to 4500mm.
- Can be manually operated or motorised.
- Made in Australia.











\* Pinz recommends the use of Photo Safety Cells when installing automated roller shutters over openings and doorways. Especially when the roller shutter is not in full view of the operator (eg. when using a remote control or wall switch positioned away from the roller shutter and out of view). When using a wall switch, we recommend a spring return switch/deadman switch.



## Pelmet Sizes & Maximum Shutter Height

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
180mm	32	1850mm	60mm
205mm	42	2400mm	60mm
230mm	55	3100mm	70mm
230mm	49	2800mm	101mm with adaptor
250mm	65	3650mm	101mm with adaptor
250mm	56	3150mm	130mm with adaptor

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/ Guides/Bottom Bars
 Cream	 Cream
 Clear Beige	 Clear Beige
 White	 White
 Brown	 Brown
 Silver	 Black
Powder coated options available (additional charges apply)	

## Wind Speeds & Maximum Shutter Width

Wind Speed	Max. Shutter Width	Max. Surface Area
11.2m/sec	4500mm	10.5m <sup>2</sup>
13m/sec	4000mm	10m <sup>2</sup>
15.8m/sec	3300mm	8.25m <sup>2</sup>
20.4m/sec	2900mm	7.25m <sup>2</sup>
25.9m/sec	2500mm	6.25m <sup>2</sup>
34.9m/sec	2400mm	6m <sup>2</sup>

To place an order please complete the **Pinz Made To Measure Roller Shutter Order Form** available from your Pinz representative.

## Control Options

### Manual Options



Steel Cable Winder (Up To 50Kg)



Spring Loaded With Key Lock



Remote Control With SolarSmart™ Automation 12V Motor

### Motorised Options



PowerSmart™ Control System With 12V Motor (Up To 50Kg)\*



Wall Switch With 240V Electric Motor



Remote Control With 240V Electric SIMU Hz Motor

### Motorised Options (continued)



Key Switch With 240V Electric Motor



Crank Handle With 240V Electric Manual Override Motor



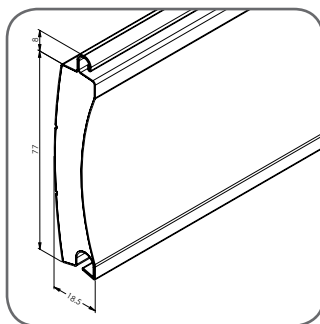
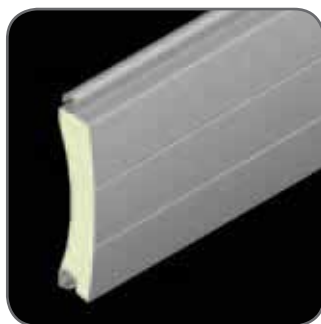
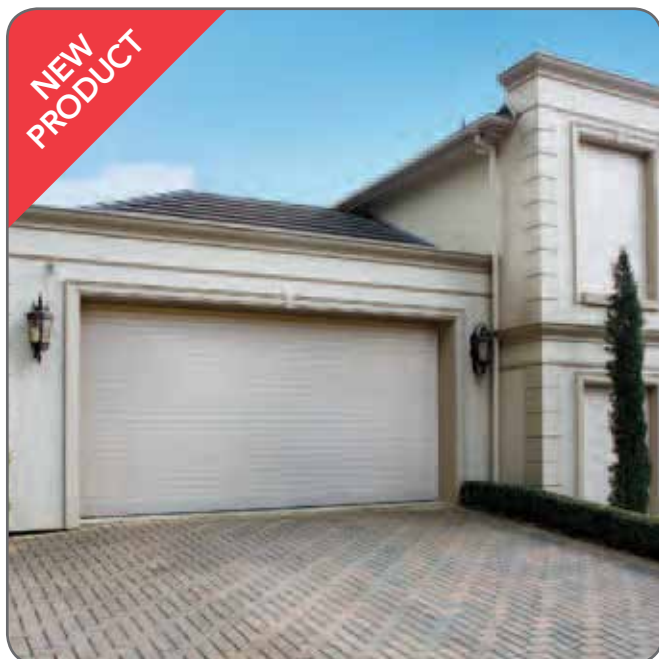
S-05 Remote Control (Key Ring Transmitter) With 240V Electric Motor & Multi-Function S-05 Radio Receiver & Control Unit

\* When used in conjunction with an assist spring as per Pinz specifications.

# Made to Measure Roller Shutters

## 77mm Widespan Roller Shutter

(Widespan Residential/Commercial)



### Technical Specifications

Maximum Shutter Width	5900mm
Maximum Shutter Height	3000mm
Maximum Surface Area	15m <sup>2</sup> (depending on wind zone)
Curtain Weight/Metre <sup>2</sup>	5kg
Number Of Slats/Metre	13
Profile Slat Covering	77mm
Profile Slat Thickness	18.5mm
Axle Types	Octagonal or Round Steel
Bottom Bar Dimensions	106mm x 19mm
Guide Dimensions	105mm x 37mm/26mm
Paint Finish	Polyurethane/Polyamide (PU/PA)
Inner Profile Foam Type	Poly Urethane (CFC Free)

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.

This roller shutter range is made with a precision roll formed roller shutter profile, and is suitable for many widespan applications.

### Suitable Applications

- Residential Garage Doors.
- Commercial Garage Doors.
- Commercial Windows.
- Commercial Shop Fronts & Doorways.
- Entry Level Security for Factories, Warehouses, Clubs, Pubs & Hotels, Restaurants, Pharmacies & Sports Complexes.

### Features

- High quality aluminium alloy construction.
- Foam filled profile for additional strength, security and silent operation.
- High quality painted finish.
- Smooth and curved face profile.
- Rolls smaller than traditional steel roller doors.
- Range of colours.
- Double coated + lacquer for abrasion resistant finish.
- Comprehensively engineered for extra strength.
- Heavy duty guides and bottom bar.
- Fully enclosed pelmet with internal rollers and reinforcement side plates.
- Suitable for widespan widths up to 5900mm.
- Can be manually operated or motorised.
- Made in Australia.

\* Pinz recommends the use of Photo Safety Cells when installing automated roller shutters over openings and doorways. Especially when the roller shutter is not in full view of the operator (eg. when using a remote control or wall switch positioned away from the roller shutter and out of view). When using a wall switch, we recommend a spring return switch/deadman switch.










## Pelmet Sizes & Maximum Shutter Height

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
250mm	23	2000mm	101mm with adaptor
250mm	21	1800mm	130mm with adaptor
300mm	39	3200mm	101mm with adaptor
300mm	36	3000mm	150mm with adaptor

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/ Guides/Bottom Bars
 White	 White
 Brown	 Brown
 Silver	Powder coated options available (additional charges apply)

## Wind Speeds & Maximum Shutter Width

Wind Speed	Max. Shutter Width	Max. Surface Area
11.2m/sec	4400mm	13.23m <sup>2</sup>
13m/sec	3520mm	10.56m <sup>2</sup>
15.8m/sec	3060mm	9.18m <sup>2</sup>
20.4m/sec	2670mm	8.01m <sup>2</sup>

## Control Options

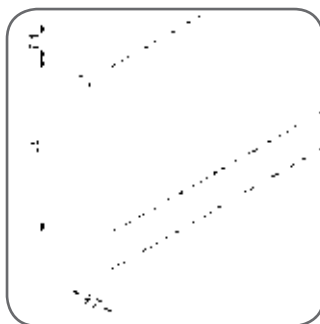
Manual Options	Motorised Options				
					
Steel Cable Winder (Up To 50Kg)	Wall Switch With 240V Electric Motor	Remote Control With 240V Electric SIMU Hz Motor	Key Switch With 240V Electric Motor	Crank Handle With 240V Electric Manual Override Motor	S-05 Remote Control (Key Ring Transmitter) With 240V Electric Motor & Multi-Function S-05 Radio Receiver & Control Unit

To place an order please complete the **Pinz Made To Measure Roller Shutter Order Form** available from your Pinz representative.

# Made to Measure Roller Shutters

## 36mm Extruded Roller Shutter

(High Security Commercial)



\* 36mm Extruded Double Line Grooved Profile Also Available With Perforations. 36mm Extruded Smooth Face Profile Also Available.

### Technical Specifications

Maximum Shutter Width	5800mm (with Winged Slat Locks)
Maximum Shutter Height	3000mm
Maximum Surface Area	12m <sup>2</sup>
Curtain Weight/Metre <sup>2</sup>	7.5kg
Number Of Slats/Metre	28
Profile Slat Covering	36mm
Profile Slat Thickness	9.7mm
Axle Types	Octagonal Steel
Bottom Bar Dimensions	55mm x 8.5mm
Guide Dimensions	68mm x 25mm/14mm (Heavy Duty Guide)
Paint Finish	High Quality Powder Coat Finish

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.

This roller shutter range is made with a precision extruded roller shutter profile, and is suitable for many commercial and industrial grade applications.

### Suitable Applications

- Commercial Windows.
- Commercial Shop Fronts & Doorways.
- Garage Doors.
- High Security for Factories, Warehouses, Clubs, Pubs & Hotels, Restaurants, Pharmacies, Sports Complexes, Arcades, Shopping Mall Entrances, Mining & High Security Areas.

### Features

- High quality, strong aluminium alloy construction.
- Commercial grade double wall extruded profile for heavy duty strength.
- High quality powder coated finish for maximum abrasion resistance.
- Double line grooved and slight curved face profile. (Note: smooth and slight curved face available.)
- Roll-tight design.
- Range of colours.
- Heavy duty steel axle with high quality internal sealed bearings.
- Suitable for widespan widths up to 5800mm.
- Can be manually operated or motorised.
- Made in Australia.

\* Pinz recommends the use of Photo Safety Cells when installing automated roller shutters over openings and doorways. Especially when the roller shutter is not in full view of the operator (eg. when using a remote control or wall switch positioned away from the roller shutter and out of view). When using a wall switch, we recommend a spring return switch/deadman switch.



## Pelmet Sizes & Maximum Shutter Height










### Standard Slat Locks

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
180mm	50	1800mm	60mm
205mm	56	2020mm	70mm
230mm	72	2600mm	70mm
250mm	90	3250mm	70mm
250mm	85	3050mm	101mm with adaptor
250mm	72	2590mm	130mm with adaptor

### Winged Slat Locks

180mm	38	1350mm	60mm
205mm	46	1650mm	70mm
230mm	62	2300mm	70mm
250mm	72	2600mm	70mm
250mm	78	2800mm	101mm with adaptor
250mm	65	2350mm	130mm with adaptor

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/Guides/Bottom Bars
 Cream	 Cream
 Clear Beige	 Clear Beige
 White	 White
 Black	 Black
 Anodised Silver	Powder coated options available (additional charges apply)

## Control Options

### Manual Options



Steel Cable Winder  
(Up To 50Kg)



Spring Loaded  
With Key Lock



Remote Control  
With SolarSmart™  
Automation  
12V Motor  
(Up To 50Kg)



PowerSmart™  
Control System  
With 12V Motor  
(Up To 50Kg)\*



Wall Switch  
With 240V  
Electric Motor



Remote Control  
With 240V  
Electric SIMU Hz  
Motor

### Motorised Options (continued)



Key Switch  
With 240V  
Electric Motor



Crank Handle  
With 240V  
Electric Manual  
Override Motor



S-05 Remote Control  
(Key Ring Transmitter)  
With 240V  
Electric Motor  
& Multi-Function  
S-05 Radio Receiver  
& Control Unit

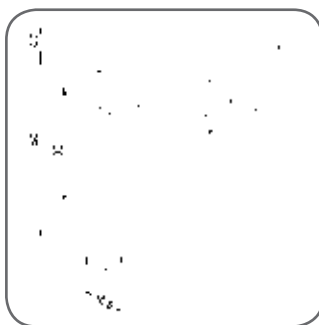
\* When used in conjunction with an assist spring as per Pinz specifications.

**To place an order please complete the Pinz Made To Measure Roller Shutter Order Form available from your Pinz representative.**

# Made to Measure Roller Shutters

## 50mm Extruded Vision Roller Shutter

(Commercial)



### Technical Specifications

Maximum Shutter Width	5500mm
Maximum Shutter Height	3000mm
Maximum Surface Area	9m <sup>2</sup>
Curtain Weight/Metre <sup>2</sup>	8.5kg
Number Of Slats/Metre	20
Profile Slat Covering	50mm
Profile Slat Thickness	10.8mm
Axle Types	Octagonal Steel
Bottom Bar Dimensions	67mm x 10mm
Guide Dimensions	68mm x 25mm/18mm
Paint Finish	High Quality Powder Coat Finish

This roller shutter range is made with a precision extruded roller shutter profile, with approximately 20% vision and ventilation perforations, and is suitable for many commercial and industrial grade applications.

### Suitable Applications

- Commercial Windows.
- Commercial Shop Fronts & Doorways.
- Garage Doors.
- Security for Factories, Warehouses, Clubs, Pubs & Hotels, Restaurants, Pharmacies, Sports Complexes, Arcades, Shopping Mall Entrances & Shopping Centre Grilles.

### Features

- High quality, strong aluminium alloy construction.
- Commercial grade single wall extruded profile for heavy duty strength.
- Vision and ventilation perforations for airflow and light.
- High quality powder coated finish for maximum abrasion resistance.
- Perforated and curved face profile.
- Roll-tight design.
- Range of colours.
- Heavy duty steel axle with high quality internal sealed bearings.
- Suitable for widespan widths up to 5500mm.
- Can be manually operated or motorised.
- Made in Australia.

\* Pinz recommends the use of Photo Safety Cells when installing automated roller shutters over openings and doorways. Especially when the roller shutter is not in full view of the operator (eg. when using a remote control or wall switch positioned away from the roller shutter and out of view). When using a wall switch, we recommend a spring return switch/deadman switch.

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.





## Pelmet Sizes & Maximum Shutter Height









### Standard Slat Locks

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
180mm	33	1750mm	70mm
205mm	44	2350mm	70mm
230mm	56	2950mm	70mm
250mm	70	3700mm	70mm
250mm	64	3350mm	101mm with adaptor
250mm	55	2900mm	130mm with adaptor

### Winged Slat Locks

180mm	23	1250mm	60mm
180mm	17	950mm	70mm
205mm	36	1900mm	70mm
230mm	44	2300mm	70mm
250mm	50	2600mm	101mm with adaptor

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/ Guides/Bottom Bars
 Cream	 Cream
 Clear Beige	 Clear Beige
 White	 White
 Anodised Silver	 Black
Powder coated options available (additional charges apply)	

## Control Options

### Manual Options



Steel Cable Winder  
(Up To 50Kg)



Spring Loaded  
With Key Lock



Remote Control  
With SolarSmart™  
Automation  
12V Motor  
(Up To 50Kg)



PowerSmart™  
Control System  
With 12V Motor  
(Up To 50Kg)\*



Wall Switch  
With 240V  
Electric Motor



Remote Control  
With 240V  
Electric SIMU Hz  
Motor

### Motorised Options (continued)



Key Switch  
With 240V  
Electric Motor



Crank Handle  
With 240V  
Electric Manual  
Override Motor



S-05 Remote Control  
(Key Ring Transmitter)  
With 240V  
Electric Motor  
& Multi-Function  
S-05 Radio Receiver  
& Control Unit

\* When used in conjunction with an assist spring as per Pinz specifications.

To place an order please complete the **Pinz Made To Measure Roller Shutter Order Form** available from your Pinz representative.

# Made to Measure Roller Shutters

## FireSafe™ Bushfire Rated Roller Shutter

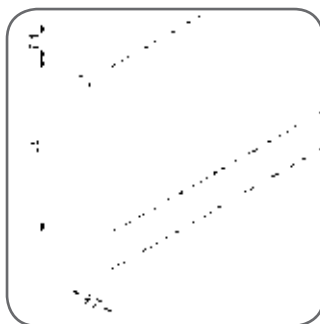
Protects Property And Families!



This roller shutter is ideal for home and business owners who want to protect their property and families from bushfires, because they live in high risk, bushfire prone or wooded, high vegetation, country and semi-rural locations. It is made with a precision extruded roller shutter profile.

### Suitable Applications

- Domestic & Commercial Windows.
- Domestic & Commercial Doorways.
- Commercial Shop Fronts.
- Garage Doors.
- High Security & Fire Protection for Factories, Warehouses, Clubs, Pubs & Hotels, Restaurants, Pharmacies, Sports Complexes, Arcades, Shopping Mall Entrances, Mining & High Security Areas.



### Features

- Bushfire rated to Bushfire Attack Level (BAL) A40.
- Tested by CSIRO (Report# FSZ1379).
- Complies with Australian Bushfire Construction Standard AS3959-2009 (Clauses 3.7 & 8.5.1).
- Radiant heat shielding properties to 40 kW/m<sup>2</sup>.
- High quality, strong aluminium alloy construction.
- Commercial grade double wall extruded profile for heavy duty strength & extreme heat protection.
- High quality powder coated finish for maximum abrasion resistance.
- Double line grooved and slight curved face profile.
- Roll-tight design.
- Range of colours.
- Heavy duty steel axle with high quality internal sealed bearings.
- Suitable for widespan widths up to 5800mm.
- Can be manually operated or motorised (Manual with steel cable up to 5m<sup>2</sup>).
- Authentication Plate fitted.
- Made in Australia.

### Technical Specifications

<b>Bushfire Attack Level Rating</b>	BAL A40
<b>Maximum Shutter Width</b>	5800mm
<b>Maximum Shutter Height</b>	3000mm
<b>Maximum Surface Area</b>	12m <sup>2</sup>
<b>Curtain Weight/Metre<sup>2</sup></b>	7.5kg
<b>Number Of Slats/Metre</b>	28
<b>Profile Slat Covering</b>	36mm
<b>Profile Slat Thickness</b>	9.7mm
<b>Axle Types</b>	Octagonal Steel
<b>Bottom Bar Dimensions</b>	55mm x 8.5mm
<b>Guide Dimensions</b>	68mm x 25mm/14mm (Heavy Duty Guide)
<b>Paint Finish</b>	High Quality Powder Coat Finish










General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.



## Pelmet Sizes & Maximum Shutter Height

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
180mm	50	1800mm	60mm
205mm	56	2020mm	70mm
230mm	72	2600mm	70mm
250mm	90	3250mm	70mm
250mm	85	3050mm	101mm with adaptor
250mm	72	2590mm	130mm with adaptor

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/Guides/Bottom Bars
 Cream	 Cream
 Clear Beige	 Clear Beige
 White	 White
 Black	 Black
 Anodised Silver	Powder coated options available (additional charges apply)

## Control Options

### Manual Options



Steel Cable Winder  
(Up To 50Kg)



Spring Loaded  
With Key Lock



Crank Handle  
With Gear Ace

### Motorised Options



Wall Switch  
With 240V  
Electric Manual  
Override Motor



Remote Control  
With 240V  
Electric SIMU Hz  
Manual Override  
Motor



Crank Handle  
With 240V  
Electric Manual  
Override Motor

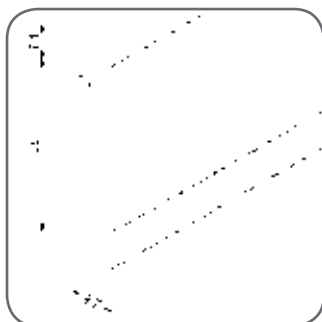
- \* Pinz recommends that FireSafe Bushfire Rated Roller Shutters shall: a) be fixed to the building and be non-removable; b) when in the closed position, have no gap greater than 3mm between the shutter and the wall, the sill or the head; c) be readily manually operable from either inside or outside; d) protect the entire window assembly or door assembly; e) consist of materials specified in Clauses 5.5.1, 6.5.1, 7.5.1, 8.5.1 and 9.5.1 for the relevant BAL.

To place an order please complete the **Pinz Made To Measure Roller Shutter Order Form** available from your Pinz representative.

# Made to Measure Roller Shutters

## CycloneSafe™ Roller Shutter

Protects Property And Families!



### Technical Specifications

Cyclone Rating	Up To C4 T5
Maximum Shutter Width	Up To 2400mm
Maximum Shutter Height	Up To 2600mm
Maximum Surface Area	6m <sup>2</sup>
Curtain Weight/Metre <sup>2</sup>	7.5kg
Number Of Slats/Metre	28
Profile Slat Covering	36mm
Profile Slat Thickness	9.7mm
Axle Types	Octagonal Steel
Bottom Bar Dimensions	55mm x 8.5mm
Guide Dimensions	68mm x 22mm (Heavy Duty Cyclone Guide)
Paint Finish	High Quality Powder Coat Finish

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.

This roller shutter is ideal for home and business owners who want to protect their property and families from cyclones, tropical storms and extreme wind coastal weather conditions. It is made with a precision extruded roller shutter profile.

### Suitable Applications

- Domestic & Commercial Windows.
- Domestic & Commercial Doorways.
- Commercial Shop Fronts.
- High Security & Storm Protection for Factories, Warehouses, Mining Sites & Camps, Clubs, Pubs & Hotels, Restaurants, Pharmacies, Sports Complexes, Arcades, Shopping Mall Entrances & High Security Areas.

### Features

- Cyclone rated up to C4 T5.
- Tested by James Cook University.
- Complies with AS/NZS 1170.2 2011 Cyclone Standard.
- Cyclic loading in accordance with AS 4040.3.
- Fatigue Loading Sequence and design pressure tested in accordance with AS 4055.
- Can be used in all Australian cyclone regions including Cyclone Region C & D C4 at 1500mm wide.
- High quality, strong aluminium alloy construction.
- Commercial grade double wall extruded profile for heavy duty strength & extreme wind protection.
- Double line grooved and slight curved face profile.
- Roll-tight design.
- Range of colours.
- High quality powder coated finish for maximum abrasion resistance.
- Heavy duty steel axle with high quality internal sealed bearings.
- Suitable for widths up to 2400mm.
- Can be manually operated or motorised (Manual with steel cable up to 5m<sup>2</sup>).
- Compatible with SolarSmart™ and PowerSmart™ Roller Shutter Automation.
- Authentication Plate fitted.
- Made in Australia.





## Pelmet Sizes & Maximum Shutter Height










### Winged Slat Locks

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
180mm	38	1350mm	60mm
205mm	46	1650mm	70mm
230mm	62	2300mm	70mm
250mm	72	2600mm	70mm

## Roller Shutter Widths & Cyclone Ratings

Shutter Width	Load Test Type	Test Pressure	Cyclone Rating
2400mm	Inward Loading	3.34 kPa	C2
2400mm	Outward Loading	5.49 kPa	C3
2200mm	Inward Loading	3.34 kPa	C2
2000mm	Inward Loading	4.93 kPa	C3
1500mm	Inward Loading	6.66 kPa	C4
1500mm	Outward Loading	7.40 kPa	C4

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/ Guides/Bottom Bars
 Cream	 Cream
 Clear Beige	 Clear Beige
 White	 White
 Black	 Black
 Anodised Silver	Powder coated options available (additional charges apply)

**To place an order please complete the Pinz Made To Measure Roller Shutter Order Form available from your Pinz representative.**

## Control Options

### Manual Options



Steel Cable Winder  
(Up To 50Kg)



Spring Loaded  
With Key Lock



Remote Control  
With SolarSmart™  
Automation  
12V Motor  
(Up To 50Kg)

### Motorised Options



PowerSmart™  
Control System  
With 12V Motor  
(Up To 50Kg)\*



Wall Switch  
With 240V  
Electric Motor



Remote Control  
With 240V  
Electric SIMU Hz  
Motor

### Motorised Options (continued)



Key Switch  
With 240V  
Electric Motor



Crank Handle  
With 240V  
Electric Manual  
Override Motor



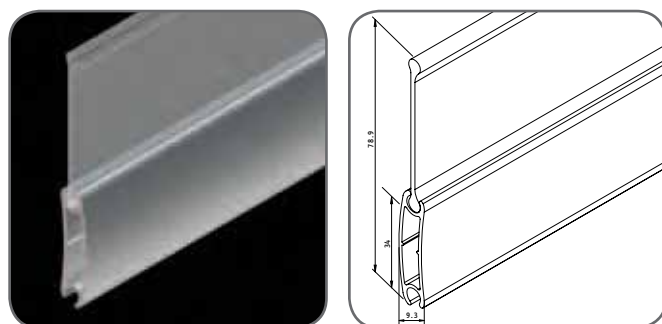
S-05 Remote Control  
(Key Ring Transmitter)  
With 240V  
Electric Motor  
& Multi-Function  
S-05 Radio Receiver  
& Control Unit

\* When used in conjunction with an assist spring as per Pinz specifications.

# Made to Measure Roller Shutters

## EasyView™ Roller Shutter

Brings The Outdoors Indoors!



### Technical Specifications

Maximum Shutter Width	4400mm
Maximum Shutter Height	3000mm
Maximum Surface Area	10m <sup>2</sup>
Curtain Weight/Metre <sup>2</sup>	6kg
Number Of Slats/Metre	28 (combined aluminium & polycarbonate slats)
Profile Slat Covering	34mm Aluminium/38mm Polycarb
Profile Slat Thickness	9.3mm Aluminium/4mm Polycarb
Axle Types	Octagonal Aluminium or Steel
Bottom Bar Dimensions	60mm x 9mm
Guide Dimensions	68mm x 25mm/14mm (Heavy Duty Guide)
Paint Finish	High Quality Powder Coat Finish

This roller shutter system is made with a combination of a precision extruded aluminium profile and a transparent, UV resistant polycarbonate profile, which provides added security and permanent views of the outdoors. It is suitable for many domestic and commercial applications.

### Suitable Applications

- Domestic Verandah & Patio Enclosures.
- Terrace Restaurants & Cafes.
- Internal Separation Barriers.
- Counter Tops/Serveries.
- Shopping Centre Grilles.

### Features

- High quality, strong aluminium alloy and polycarbonate construction.
- Commercial grade double wall extruded profile for heavy duty strength.
- UV resistant polycarbonate profile.
- High quality powder coated finish for maximum abrasion resistance.
- Roll-tight design.
- Range of colours.
- Heavy duty steel axle with high quality internal sealed bearings.
- Fully retractable into an enclosed pelmet.
- Suitable for widespan widths up to 4400mm.
- Can be manually operated or motorised.
- Made in Australia.

\* Pinz recommends the use of Photo Safety Cells when installing automated roller shutters over openings and doorways. Especially when the roller shutter is not in full view of the operator (eg. when using a remote control or wall switch positioned away from the roller shutter and out of view). When using a wall switch, we recommend a spring return switch/deadman switch.

Note: EasyView is suitable for internal & external use in low to medium wind environments. For high wind applications exceeding 25 km/h please consult a professional engineer to determine suitability or contact your Pinz representative. The EasyView product warranty does not cover excessive wind damage.

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.



## Pelmet Sizes & Maximum Shutter Height












### Winged Slat Locks

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height	Axle Size
205mm	42	1600mm	101mm with adaptor
230mm	62	2300mm	101mm with adaptor
250mm	76	2800mm	101mm with adaptor
300mm	86	3200mm	101mm with adaptor

## Wind Speeds & Maximum Shutter Width

Wind Speed	Max. Shutter Width	Max. Surface Area
11.2m/sec	4400mm	13.23m <sup>2</sup>
13m/sec	3520mm	10.56m <sup>2</sup>
15.8m/sec	3060mm	9.18m <sup>2</sup>
20.4m/sec	2670mm	8.01m <sup>2</sup>

## Roller Shutter Colour Options

Profiles	Pelmets/Side Frames/Guides/Bottom Bars
 Cream	 Cream
 Clear Beige	 Clear Beige
 White	 White
 Black	 Black
 Anodised Silver	Powder coated options available (additional charges apply)
 Clear Polycarbonate	
 Tinted Polycarbonate	

## Control Options

### Manual Options



Steel Cable Winder (Up To 50Kg)\*



Spring Loaded With Key Lock



Remote Control With SolarSmart™ Automation 12V Motor (Up To 50Kg)

### Motorised Options



PowerSmart™ Control System With 12V Motor (Up To 50Kg)†\*



Wall Switch With 240V Electric Motor\*



Remote Control With 240V Electric SIMU Hz Motor

### Motorised Options (continued)



Key Switch With 240V Electric Motor



Crank Handle With 240V Electric Manual Override Motor



S-05 Remote Control (Key Ring Transmitter) With 240V Electric Motor & Multi-Function S-05 Radio Receiver & Control Unit

† When used in conjunction with an assist spring as per Pinz specifications.

\* Control options must be installed in an indoor environment.

**To place an order please complete the Pinz Made To Measure Roller Shutter Order Form available from your Pinz representative.**

# Automation Systems

## SIMU Hz Radio System & Remote Controls

World Leaders In Automation Solutions!



When considering an automation solution, you just can't roll past SIMU's Hz Radio System and range of Remote Controls.

Exclusively distributed in Australasia by Pinz, we offer a wide range of SIMU motors, transmitters and automatic devices using SIMU Hz Radio Remote Control Technology.

Often described as a world leader in automation solutions, this SIMU technology has been proving itself in the automation industry for over 10 years and its quality is recognised globally as the standard for reliability in radio remote control motorisation.

The SIMU Hz Radio Remote Control System is a safe and reliable, open-ended, hierarchical control system.

### SIMU Hz Radio Controls & Accessories

Description	Product Code	
<b>SIMU Color + Hz Wall Transmitter</b>		
White	41-999-402	
Metallic Grey	41-999-403	
Anthracite	41-999-404	
Mocha	41-999-405	
Blackcurrant	41-999-406	
Blue	41-999-407	
<b>SIMU Color + 1 Channel Transmitter</b>		
White	41-999-408	
Metallic Grey	41-999-409	
Anthracite	41-999-410	
Mocha	41-999-411	
Blackcurrant	41-999-412	
Blue	41-999-413	
<b>SIMU Color + 5 Channel Transmitter</b>		
White	41-999-414	
Metallic Grey	41-999-415	
Anthracite	41-999-416	
Mocha	41-999-417	
Blackcurrant	41-999-418	
Blue	41-999-419	





## SIMU Hz Radio Controls & Accessories

Description	Product Code	
<b>SIMU Color Multi 16 Channel Transmitter</b>		
White	41-999-364	
Grey	41-999-366	
<b>SIMU Timer Easy 1 Channel Transmitter</b>		
White	41-999-381	
Grey	41-999-382	
<b>SIMU Timer Multi 6 Channel Transmitter</b>		
White	41-999-370	
Grey	41-999-361	
<b>SIMU Hz Dry Contact Transmitter</b>		
	41-999-365	
<b>SIMU Hz Sequential Transmitter</b>		
	41-999-265	
* Must be programmed in conjunction with a standard Hz Transmitter		
<b>SIMU TSA+ Hz 4 Channel Key Ring Transmitter</b>		
The TSA+ Hz 4 Channel Key Ring Transmitter gives the opportunity to control up to 4 motors	41-999-371	
* Must be programmed in conjunction with a standard Hz Transmitter		
<b>SIMU SA Hz Digicode Wireless Key Pad</b>		
	41-999-156	
* Must be programmed in conjunction with a standard Hz Transmitter		
<b>SIMU Hz Sun Sensor</b>		
	41-999-380	
* Delivered with suction cup		
<b>SIMU Hz Micro Receiver</b>		
For Roller Shutters	41-999-392	
For Lighting	41-999-393	




# Automation Systems

## 240 Volt Switch Mechanisms

Description	Product Code	
<b>Clipsal 39M 3 Position Toggle Switch</b>		
	41-999-314	
<b>Clipsal Series 2000 Switch Plate</b>		
1 Gang	41-999-351	
2 Gang	41-999-352	
3 Gang	41-999-353	
4 Gang	41-999-354	
<b>Pinz 3 Position Rocker Switch – P1</b>		
Switch Mechanism Only	41-999-327	
Switch Mechanism + Vertical Plate	41-999-004	
Switch Mechanism + Horizontal Plate	41-999-005	
<b>SIMU Universal Anti Burglar Key Switch</b>		
	41-999-315U	
<b>SIMU Relay For Controlling Motors With Multiple Switches</b>		
	41-999-325	
<b>Pinz Spring Return/Deadman Rocker Switch</b>		
Switch Mechanism Only	41-600-101	
Switch Mechanism + Vertical Plate	41-999-006	
Switch Mechanism + Horizontal Plate	41-999-007	
<b>SIMU Standard Motor Limit Adjustment Switch</b>		
	41-999-255	



## UPS Battery Back Up System & Accessories

Description	Product Code	
<p><b>240V UPS ECO PRO Battery Back Up</b></p> <p>For use with 240V standard switch operated motors. No relay is required.</p> <p>1000 VA 1400 VA</p>	<p><b>41-999-701</b> <b>41-999-702</b></p>	
<p><b>240V UPS PRO Battery Back Up</b></p> <p>For use with 240V SIMU Hz systems or other 240V systems with integrated radio receivers. Pinz Relay For UPS (41-999-704) must be used with this product.</p> <p>1000 VA 1400 VA</p>	<p><b>41-999-700</b> <b>41-999-705</b></p>	
<p><b>Pinz Relay For UPS</b></p>	<p><b>41-999-704</b></p>	

# Automation Systems

## S-05 External Radio Receiver & Control Unit

For Commercial Roller Shutter & Garage Door Applications



The S-05 External Radio Receiver and Control Unit is designed to give flexibility and various additional options for the control of commercial roller shutters and garage doors. Quick and easy to program the S-05 features an inbuilt radio receiver providing remote control functionality from a stylish 2 channel or 4 channel key ring transmitter.

This control unit also features a dry contact input, allowing for integration with other control systems such as alarm and fire systems, as well as the ability to work in conjunction with other automations. Safety devices including photocells and safety edges can also be wired in, giving ultimate functionality and safety.

This system features several programmable operating modes including sequential and dead man operating modes, as well as an automatic closing function and adjustable running times. A courtesy/blinking light can also be wired into the S-05.

### Technical Specifications

Power Supply	240V
Power Output	12V
Radio Remote Frequency	422.4Mhz
Radio Remote Range	200m in free field

### Suitable Applications

- Commercial Windows.
- Commercial Doorways.
- Commercial Shop Fronts.
- Garage Doors.

### Features

- Ultimate remote control operation with many functions.
- Dry contact input.
- 12V output to wire in safety devices including photocells and safety edges.
- Several programming modes including sequential and dead man operation.
- Automatic and semi-automatic operating modes.
- Easy wiring.
- Sturdy and stylish box.
- Ability to wire in courtesy/blinking light.

Description	Product Code	
240V S-05 Radio Receiver & Control Unit	41-999-281	
2 Channel Key Ring Transmitter For S-05	41-999-391	
4 Channel Key Ring Transmitter For S-05	41-999-401	
Photocells For S-05	41-999-222	





# Sensi-Fire™ Wireless Shutter Safety System

Automatically Opens Roller Shutters In The Event Of Fire!



Sensi-Fire™ is an innovative, wireless DC battery, safety back-up system that automatically opens roller shutters in the event of a fire, helping protect human life. Crucial to fire safety, no domestic or commercial building with roller shutters should be without Sensi-Fire™. Totally independent of mains power, the Sensi-Fire™ Wireless unit is installed in close proximity to a smoke detector. When the smoke detector is activated, Sensi-Fire™ picks up the audio signal and instantly transmits a radio signal, in turn automatically opening all of the programmed roller shutters, allowing escape routes in and out. (1 unit can operate multiple shutters).

Sensi-Fire™ is also compatible with SolarSmart™ and PowerSmart™ Roller Shutter Automation.

## Suitable Applications

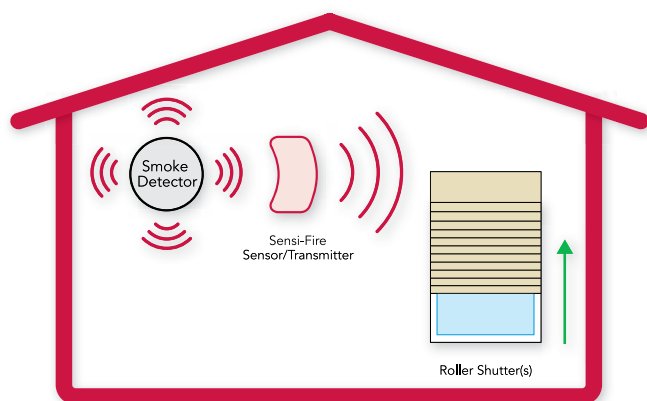
- Domestic & Commercial Windows.
- Domestic & Commercial Doorways.
- Commercial Shop Fronts.
- Garage Doors.

## Features

- Increased safety for human life.
- Completely wireless system.
- Easy & quick to install and program.
- Remote control operated.
- Designed in Australia.

\* Compatible with 12V SolarSmart & PowerSmart Roller Shutter Automation.

## Sensi-Fire™ At A Glance



Installation Requirements: The Sensi-Fire Wireless receiver/transmitter must be positioned within 500mm of a working smoke detector that meets Australian Standards.

## Technical Specifications

Battery Size	2 x AA 1.5V
Power Supply	3V
Radio Remote Frequency	433.4Mhz
Radio Remote Range	200m in free field

General Note: All dimensions and colours are indicative only and may change without notice.

Description	Product Code
Sensi-Fire™ Wireless Shutter Safety System	41-500-190



# Automation Systems

## PowerSmart™ Control System

For Faster, Easier & Smarter Automation!



### Technical Specifications

Minimum Shutter Width	500mm
Maximum Shutter Weight	32kg
PowerSmart Unit Size	84mm x 126mm x 37mm
Power Supply	12V
Battery Charge Time	3 hours approx
Fully Charged Expected Cycles	45-50 Cycles (average shutter)
Radio Remote Frequency	433.4Mhz
Radio Remote Range	200m in free field

PowerSmart™ is a unique and technologically advanced low voltage roller shutter control system with a built-in radio receiver and removable, rechargeable battery.

PowerSmart™ is an easier and smarter way to power roller shutters and other window furnishings with big battery capacity.

### Suitable Applications

- Domestic & Commercial Windows.
- Domestic & Commercial Doorways.
- Commercial Shop Fronts.

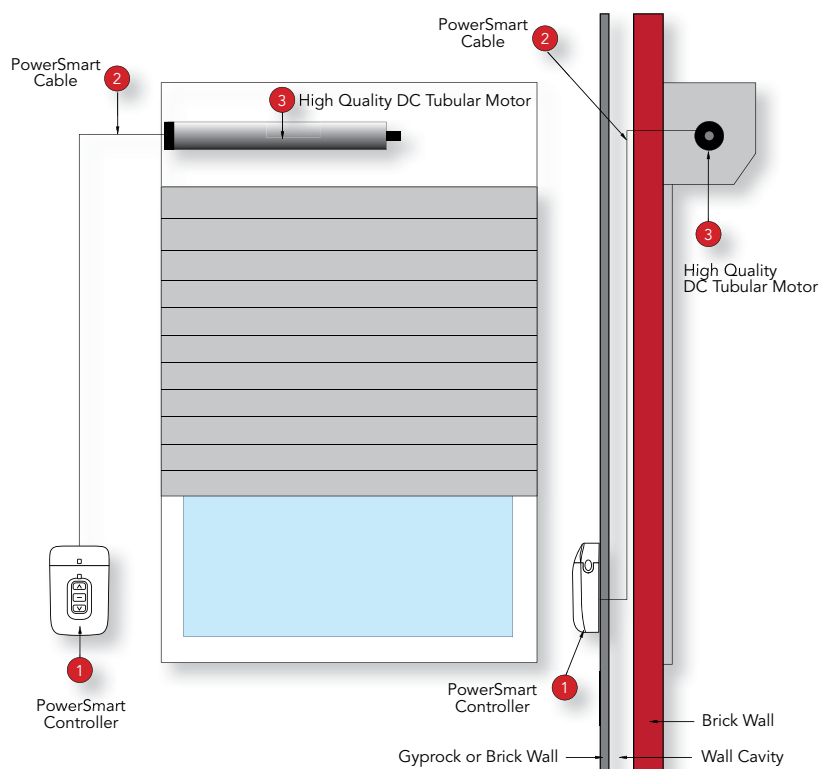
### Features

- All-in-one 12V control system & battery.
- Built-in radio receiver & rechargeable battery.
- Completely independent of mains power.
- Easy & quick to install.
- No need for electricians.
- Removable & rechargeable Lithium Ion battery.
- Recharge LED warning light.
- Easy to recharge like a mobile phone.
- Stylish design & easy to use controller.
- Remote control options available.
- Compatible with Sensi-Fire™ Wireless.
- 5 year Guarantee on motor.
- 1 year Guarantee on battery & controller.
- Designed in Australia.

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.



## PowerSmart™ At A Glance



- 1 PowerSmart Controller With Built-In Radio Receiver & Removable Battery
- 2 PowerSmart Cable
- 3 PowerSmart 12V DC Tubular Motor

## Two Remote Control Options

Transmitters are powered by a 3 Volt Lithium button battery.



1 Channel Transmitter



6 Channel Transmitter

## Controller & Rechargeable Battery Pack

The PowerSmart™ system includes a controller, removable battery and PowerSmart™ charger.



Controller With Built-In Radio Receiver



Removable, Rechargeable Battery



Charger



Assembled Controller & Battery

\* PowerSmart controllers must be installed in an indoor environment (for internal use only).

## Replacement PowerSmart™ Batteries

Replacement PowerSmart™ Lithium Ion batteries are available.

Description	Product Code
PowerSmart™ Lithium Ion Battery	41-800-200



## Additional PowerSmart™ Chargers

Additional PowerSmart™ 12V Chargers are available.

Description	Product Code
PowerSmart™ 12V Charger	41-800-300



To place an order please complete the **Pinz Made To Measure Roller Shutter Order Form** available from your Pinz representative.

# Automation Systems

## SolarSmart™ Roller Shutter Automation

A Greener And Smarter Way To Automate Roller Shutters!



### Technical Specifications

Maximum Surface Area	12m <sup>2</sup> roll formed profile 7.5m <sup>2</sup> extruded profile
Minimum Shutter Width	500mm
Maximum Shutter Weight	50kg
Maximum Axle Diameter	Octagonal 70mm
Solar Panel Size	475mm x 75mm x 18mm
Battery Size	450mm x 28mm
Power Supply	12V
Radio Remote Frequency	433.4Mhz
Radio Remote Range	200m in free field

SolarSmart™ is a greener and smarter way to automate roller shutters. It is the most advanced technology in solar powered roller shutter automation in Australasia. Independent of mains power and with no hard wiring, SolarSmart™ harnesses the sun's energy through solar cells

(ideally positioned on the roof facing north, and in direct sunlight), which charges a concealed battery system that in turn powers a DC motor for automation. The SolarSmart™ system is controlled via a specialised wireless remote control transmitter.

SolarSmart™ offers an easier, more cost effective, environmental and efficient way to operate roller shutters, and is a much easier way to install motorised roller shutters.

### Suitable Applications

- Domestic & Commercial Windows.
- Domestic & Commercial Doorways.
- Commercial Shop Fronts.

### Features

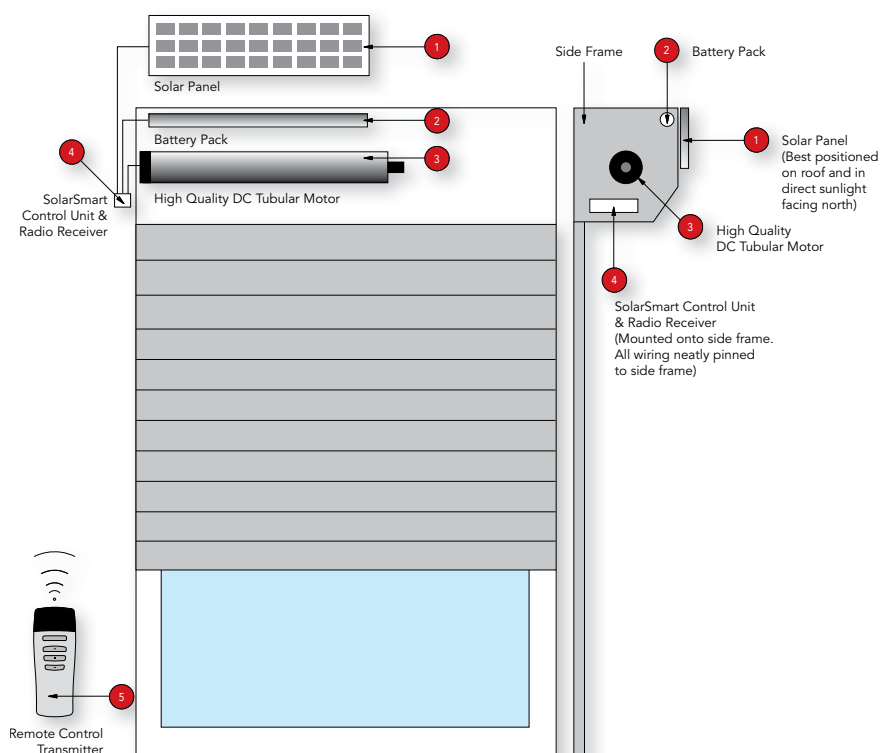
- Completely solar powered.
- Green energy.
- Environmentally friendly.
- Saves money on energy costs.
- No drilling or 240V hard wiring.
- Easy & quick to install.
- No need for electricians.
- Completely integrated system with concealed battery in shutter pelmet.
- Sleek amorphous Solar Panel.
- Remote control operated.
- Smooth electronic operation.
- Choice of profile colours.
- Compatible with Sensi-Fire™ Wireless.
- 5 year Guarantee on motor.
- 1 year Guarantee on solar panel, battery & electronics.
- Designed in Australia.

General Note: All dimensions and colours are indicative only and may change without notice. Profile technical specifications and shutter performance may vary in certain applications, eg. wide applications with no solid structure behind the roller shutter. For more information please contact your Pinz representative.





## SolarSmart™ At A Glance



- 1 SolarSmart 60mA Solar Panel
- 2 SolarSmart 12V DC NiMH Rechargeable Battery Pack
- 3 SolarSmart 12V DC Tubular Motor
- 4 SolarSmart 12V Control Unit & Radio Receiver
- 5 CW Maxim Radio Transmitter

## Two Remote Control Options

Transmitters are powered by a 3 Volt Lithium button battery.



1 Channel Transmitter



6 Channel Transmitter

## Four Solar Panel Position Options

SolarSmart™ Solar Panels are best positioned on the roof (facing north and in direct sunlight) for optimum performance. The solar panels are an aluminium framed amorphous type with excellent power output even in cloudy conditions. Solar panels are supplied with two brackets. All wires must be protected from UV radiation and weather with all drill holes well sealed. The SolarSmart™ Battery Pack may require future maintenance and/or replacement. This should be considered in difficult to reach applications like on the second storey of a building.



Roof Mounted Solar Panel



Solar Panel to Pelmet\*



Solar Panel to Wall\*



Angled Solar Panel\*

\* Solar panels are only to be positioned on or above the roller shutter if in direct sunlight and facing north, with a minimum of half a day of sunlight in both Summer and Winter. Otherwise for optimum performance, solar panels should be positioned on the roof in direct sunlight and facing north where possible. If not enough direct sunlight, you may require two solar panels to power the roller shutter, or you may need to move the solar panels to a north facing or ideal position, with available extension cables.

To place an order please complete the **Pinz Made To Measure Roller Shutter Order Form** available from your Pinz representative.

# Automation Systems

## SolarSmart™ Accessories

### Solar Panel Extension Cables

Extension cables are available for solar panels positioned away from the roller shutter eg. Roof Mounted.

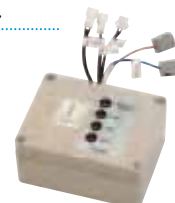
Description	Product Code
3 Metre	41-500-185
5 Metre	41-500-186
10 Metre	41-500-187



### SolarSmart™ Testing Unit

A SolarSmart™ Testing Unit is available to help identify if your SolarSmart™ installation is correct. Includes fault finding, isolate & test all components functions.

Description	Product Code
SolarSmart™ Testing Unit	41-500-108



### SolarSmart™ Antenna

SolarSmart™ Antennas are available.

Description	Product Code
SolarSmart™ Antenna	41-500-180



### SolarSmart™ Trickle Charger

SolarSmart™ Power Supply/Trickle Chargers are available.

Description	Product Code
SolarSmart™ 18V Power Supply/ Trickle Charger	41-999-120-18



### SolarSmart™ Trickle Charger Loom

SolarSmart™ Trickle Charger Looms are available.

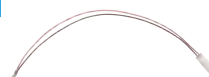
Description	Product Code
SolarSmart™ Trickle Charger Loom	41-500-181



### SolarSmart™ Trickle Charger Sub Cable

SolarSmart™ Trickle Charger Sub Cables are available.

Description	Product Code
SolarSmart™ Trickle Charger Sub Cable	41-500-182

















## Angles, Flashings & Tubes

Description	Product Code	Unit Length (Order To Measure)	
<b>Pinz Bay Window Flashing</b>			
 Cream	21-490-101	1 x 2.4m	
 Magnolia Cream	21-490-114	1 x 2.4m	
 Clear Beige	21-490-102	1 x 2.4m	
 White	21-490-103	1 x 2.4m	
 Brown	21-490-105	1 x 2.4m	
 Black	21-490-110	1 x 2.4m	
<b>Pinz 25mm x 25mm x 1.6mm Angle</b>			
 Cream	21-425-101	1 x 5.8m	
 Magnolia Cream	21-425-114	1 x 5.8m	
 Clear Beige	21-425-102	1 x 5.8m	
 White	21-425-103	1 x 5.8m	
 Brown	21-425-105	1 x 5.8m	
 Black	21-425-110	1 x 5.8m	
 Woodland Grey	21-425-115	1 x 5.8m	
<b>Pinz 25mm x 50mm x 1.6mm Angle</b>			
 Cream	21-450-101	1 x 5.8m	
 Magnolia Cream	21-450-114	1 x 5.8m	
 Clear Beige	21-450-102	1 x 5.8m	
 White	21-450-103	1 x 5.8m	
 Brown	21-450-105	1 x 5.8m	
 Black	21-450-110	1 x 5.8m	
 Woodland Grey	21-450-115	1 x 5.8m	
<b>Pinz 25mm x 70mm x 1.6mm Angle</b>			
 Cream	21-470-101	1 x 5.8m	
 Magnolia Cream	21-470-114	1 x 5.8m	
 Clear Beige	21-470-102	1 x 5.8m	
 White	21-470-103	1 x 5.8m	
 Brown	21-470-105	1 x 5.8m	
 Black	21-470-110	1 x 5.8m	
 Woodland Grey	21-470-115	1 x 5.8m	
<b>Pinz 40mm x 40mm Square Tube</b>			
 Mill Finish	21-480-100	1 x 6.5m	
<b>Pinz 50mm x 50mm Square Tube</b>			
 Mill Finish	21-480-101	1 x 6.5m	

# Installation Accessories









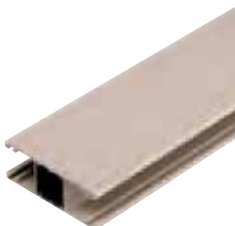



## Guides

Description	Product Code	Unit Length (Order To Measure)	
<b>Pinz 53mm x 22mm Guide Without Rubber For 42mm Single/Double Line &amp; 40mm Flat Profiles</b>			
 Cream	21-119-093	1 x 5.8m	
 Magnolia Cream	21-114-193	1 x 5.8m	
 Clear Beige	21-102-193	1 x 5.8m	
 White	21-103-257	1 x 5.8m	
 Brown	21-105-431	1 x 5.8m	
 Black	21-110-100	1 x 5.8m	
 Mill Finish	21-116-693	1 x 5.8m	
 Woodland Grey	21-115-101	1 x 5.8m	
<b>Pinz 68mm x 22mm/15mm Guide Without Rubber For 42mm Single/Double Line &amp; 40mm Flat Profiles</b>			
 Cream	21-101-007	1 x 5.8m	
 Clear Beige	21-102-127	1 x 5.8m	
 White	21-103-127	1 x 5.8m	
 Brown	21-105-127	1 x 5.8m	
 Black	21-110-127	1 x 5.8m	
 Anodised Silver	21-111-127	1 x 5.8m	
<b>Pinz 68mm x 25mm/14mm Heavy Duty Guide For 36mm Extruded Profile With Or Without Wing Lock</b>			
 Cream	21-101-124	1 x 5.8m	
 Clear Beige	21-102-194	1 x 5.8m	
 White	21-103-258	1 x 5.8m	
 Black	21-110-124	1 x 5.8m	
 Anodised Silver	21-111-531	1 x 5.8m	
<b>Pinz 68mm x 25mm/18mm Guide For 55mm Widespan &amp; 50mm Extruded Vision Profiles</b>			
 Cream	21-101-126	1 x 5.8m	
 Clear Beige	21-102-196	1 x 5.8m	
 White	21-103-256	1 x 5.8m	
 Black	21-110-532	1 x 5.8m	
 Anodised Silver	21-111-532	1 x 5.8m	
<b>Pinz 68mm x 22mm Heavy Duty Cyclone Guide For CycloneSafe™ Roller Shutters</b>			
 Cream	21-101-005	1 x 5.8m	
 Clear Beige	21-102-125	1 x 5.8m	
 White	21-103-125	1 x 5.8m	
 Black	21-110-005	1 x 5.8m	
 Anodised Silver	21-111-125	1 x 5.8m	
<b>Pinz 105mm x 37mm/26mm Guide For 77mm Widespan Profile</b>			
 White	21-103-128	1 x 5.8m	
 Brown	21-105-128	1 x 5.8m	











## Guides

Description	Product Code	Unit Length (Order To Measure)	
<b>Pinz 60mm x 22mm Guide With 41mm Front Flange For 42mm Single/Double Line &amp; 40mm Flat Profiles</b>			
 Cream	21-101-006	1 x 5.8m	
 Clear Beige	21-102-006	1 x 5.8m	
 White	21-103-006	1 x 5.8m	
 Brown	21-105-006	1 x 5.8m	
 Black	21-110-006	1 x 5.8m	
 Anodised Silver	21-111-006	1 x 5.8m	
<b>Pinz 79mm x 22mm Double Centre Guide (Split Shutters) Without Rubber For 42mm Single/Double Line &amp; 40mm Flat Profiles</b>			
 Cream	21-101-120	1 x 5.8m	
 Clear Beige	21-102-190	1 x 5.8m	
 White	21-103-245	1 x 5.8m	
 Brown	21-105-425	1 x 5.8m	

## Bottom Bar Support


Description	Product Code	Unit Length (Order To Measure)	
<b>Pinz 55mm Bottom Bar Foot Without Rubber</b>			
 Cream	21-101-110	1 x 5m	
 Clear Beige	21-102-160	1 x 5m	
 White	21-103-220	1 x 5m	
 Anodised Silver	21-111-530	1 x 5m	

## Brackets

Description	Product Code	Pack Quantity	
<b>Bay Window Bracket (Adjustable)</b>	31-999-171	1	
<b>Corner Window Bracket (Adjustable)</b>	31-999-170	1	
<b>Flat Bracket (Adjustable)</b>	31-999-172	1	

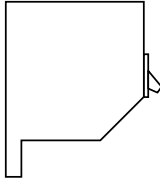
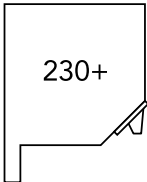
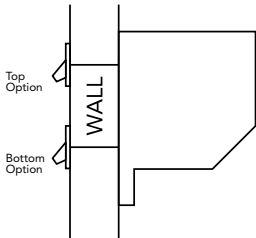
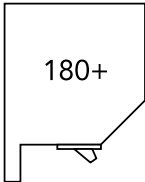
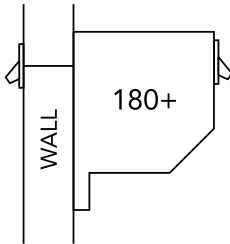
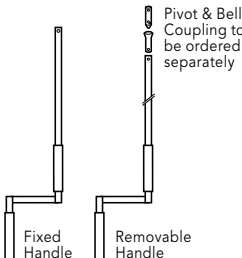
# Installation Accessories

## Key Lock Options For Spring Loaded Shutters

Description	Product Code		
<b>Pinz 55mm Bottom Bar For Sliding/Key Lock (Standard) For Spring Loaded Shutters</b>			
 Cream	21-119-086	 Key Lock Entry On Front Of Shutter	
 Magnolia Cream	21-114-186		
 Clear Beige	21-102-186		
 White	21-103-238		
 Anodised Silver	21-111-002		
 Woodland Grey	21-115-186		
* Supplied standard with chrome 'D' handle on bottom bar. Specify key lock requirement when ordering			
<b>Pinz 55mm Bottom Bar For Sliding/Key Lock (Reverse) For Spring Loaded Shutters</b>			
 Cream	21-119-089	 Key Lock Entry On Back Of Shutter	
 Magnolia Cream	21-114-188		
 Clear Beige	21-102-188		
 White	21-103-239		
 Anodised Silver	21-111-001		
 Woodland Grey	21-115-188		
* Supplied standard with chrome 'D' handle on bottom bar. Specify key lock requirement when ordering			
<b>Pinz 47mm Intermediate Slat Or Bottom Bar For Sliding/Key Lock (Standard) For Spring Loaded Shutters</b>			
 Cream	21-101-011	 Key Lock Entry On Front Of Shutter	
 Clear Beige	21-102-011		
 White	21-103-011		
 Anodised Silver	21-111-011		
* Supplied standard with recessed dip handle on intermediate slat. Specify location of handles and key lock requirement when ordering			
<b>Pinz 47mm Intermediate Slat Or Bottom Bar For Sliding/Key Lock (Reverse) For Spring Loaded Shutters</b>			
 Cream	21-101-011	 Key Lock Entry On Back Of Shutter	
 Clear Beige	21-102-011		
 White	21-103-011		
 Anodised Silver	21-111-011		
* Supplied standard with recessed dip handle on intermediate slat. Specify location of handles and key lock requirement when ordering			

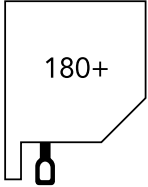
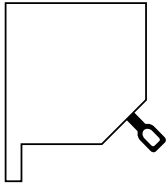
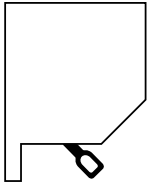

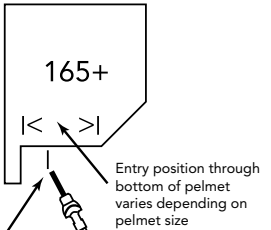
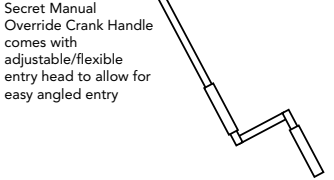


# Control Options For Manual Override Shutters

Description	Product Code	Pack Quantity	
<b>Universal Joint Manual Override System - Front Entry</b>			
For All Pelmet Sizes	<b>Specify Manual Override Option When Ordering</b>		
* Universal Joint supplied with 2 mounting holes.			
<b>Universal Joint Manual Override System - Front ¾ Entry</b>			
For 230mm, 250mm & 300mm Pelmet	<b>Specify Manual Override Option When Ordering</b>		
* Universal Joint supplied with 2 mounting holes.			
<b>Universal Joint Manual Override System - Reverse Entry</b>			
For All Pelmet Sizes	<b>Specify Manual Override Option When Ordering</b>		
* Universal Joint supplied with 2 or 4 mounting holes.			
<b>Universal Joint Manual Override System - Bottom Entry</b>			
For 180mm, 205mm, 230mm, 250mm & 300mm Pelmet	<b>Specify Manual Override Option When Ordering</b>		
* Universal Joint supplied with 2 mounting holes.			
<b>Universal Joint Manual Override System - Dual Control (Reverse &amp; Top Front Entry)</b>			
For 180mm, 205mm, 230mm, 250mm & 300mm Pelmet	<b>Specify Manual Override Option When Ordering</b>		
* Reverse Universal Joint supplied with 2 or 4 mounting holes. Front Universal Joint supplied with 2 mounting holes.			
<b>Nickel Plated Crank Handle For Use With Universal Joint</b>			
Fixed Handle Option Removable	23-104-255	1	
Handle Option Pivot For Universal Joint*	23-104-255	1	
Bell Coupling For Universal Joint*	23-999-546	1	
	23-999-440	1	
* Pivot & Bell Coupling to be ordered separately with removable handle option.			

# Installation Accessories

## Control Options For Manual Override Shutters

Description	Product Code	Pack Quantity	
<b>Eyelet Manual Override System - Straight Bottom Entry</b>  For 180mm, 205mm, 230mm, 250mm & 300mm Pelmet Sizes	<b>Specify Manual Override Option When Ordering</b>		
<b>Eyelet Manual Override System - Front 3/4 Entry</b>  For All Pelmet Sizes	<b>Specify Manual Override Option When Ordering</b>		
<b>Eyelet Manual Override System - Angled Bottom Entry</b>  For All Pelmet Sizes	<b>Specify Manual Override Option When Ordering</b>		
<b>Crank Handle With Hook For Use With Eyelet</b>  L = 160cm	<b>23-999-521</b>	<b>1</b>	
<b>Secret Manual Override System - Bottom Entry Only</b>  For 165mm, 180mm, 205mm, 230mm, 250mm & 300mm Pelmet Sizes	<b>Specify Manual Override Option When Ordering</b>		
<b>Crank Handle For Use With Secret Manual Override System</b>	<b>23-999-522</b>	<b>1</b>	

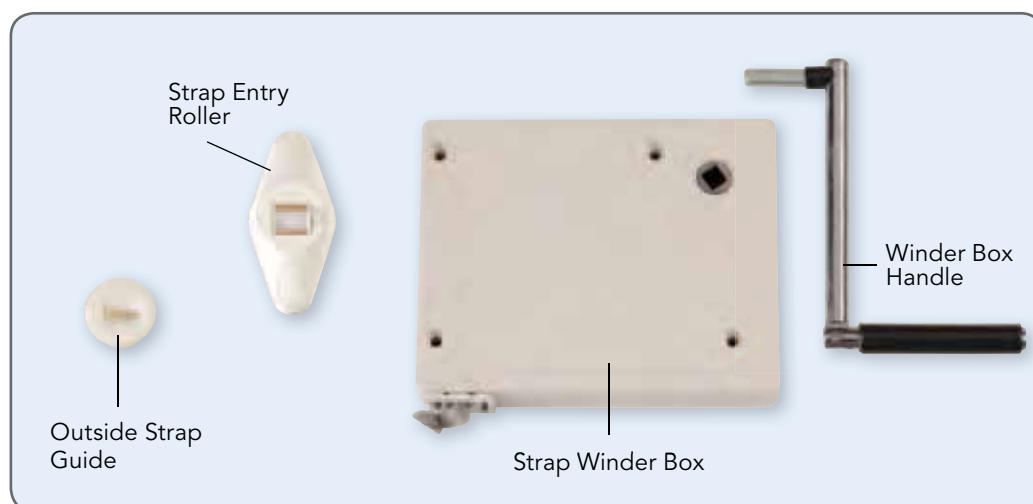




## Strap Winder Control Kits

The following components are included in all strap winder control kits for made to measure roller shutters.

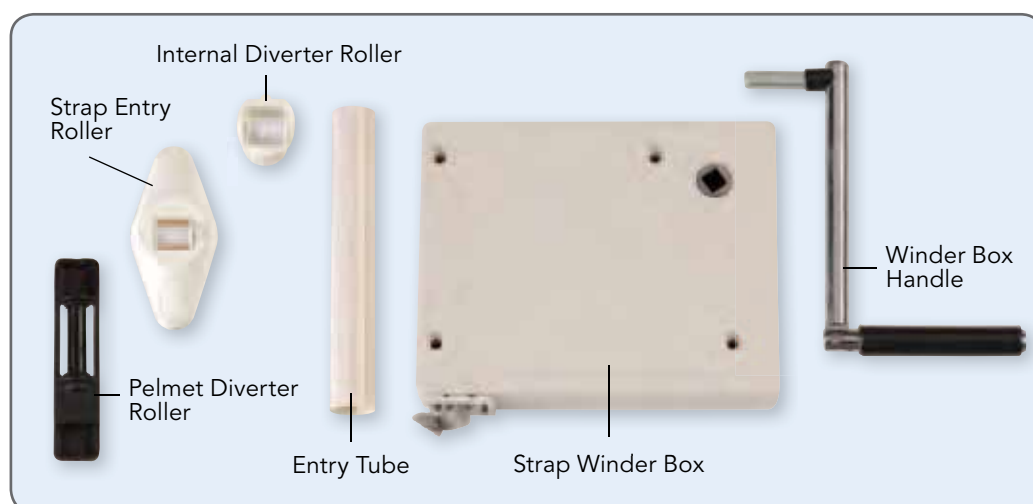
### Face Fit



Product Code

40-100-101

### Reveal Fit



Product Code

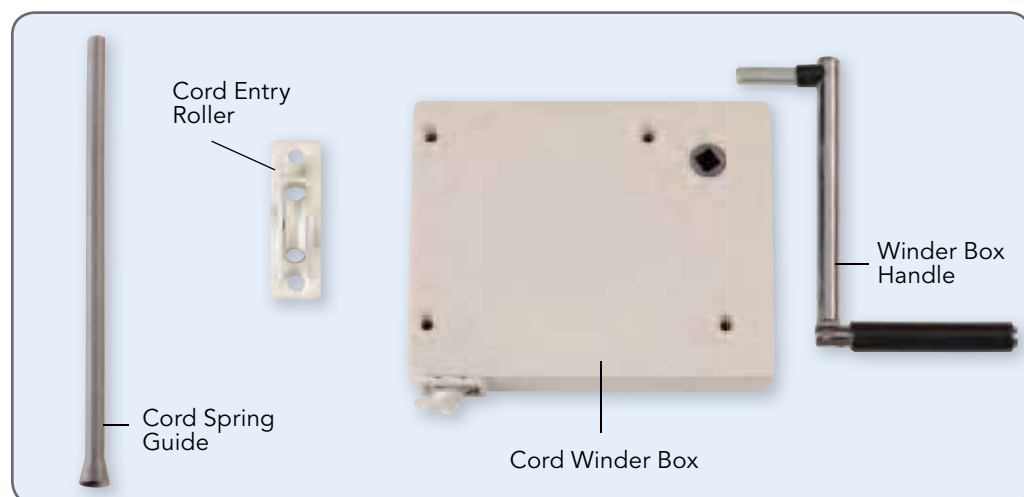
40-100-103

# Control Kit Component Summaries

## Cord Winder Control Kits

The following components are included in all cord winder control kits for made to measure roller shutters.

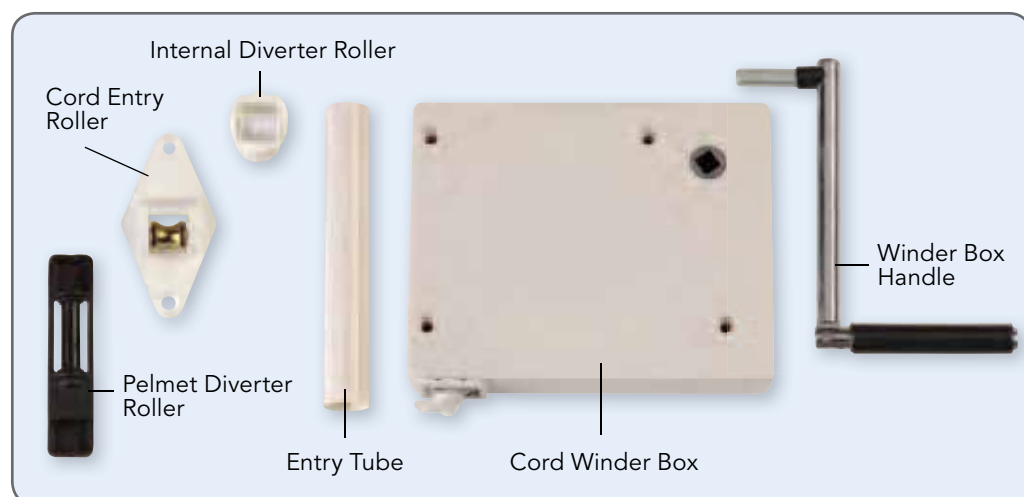
### Face Fit



Product Code

**40-100-100**

### Reveal Fit



Product Code

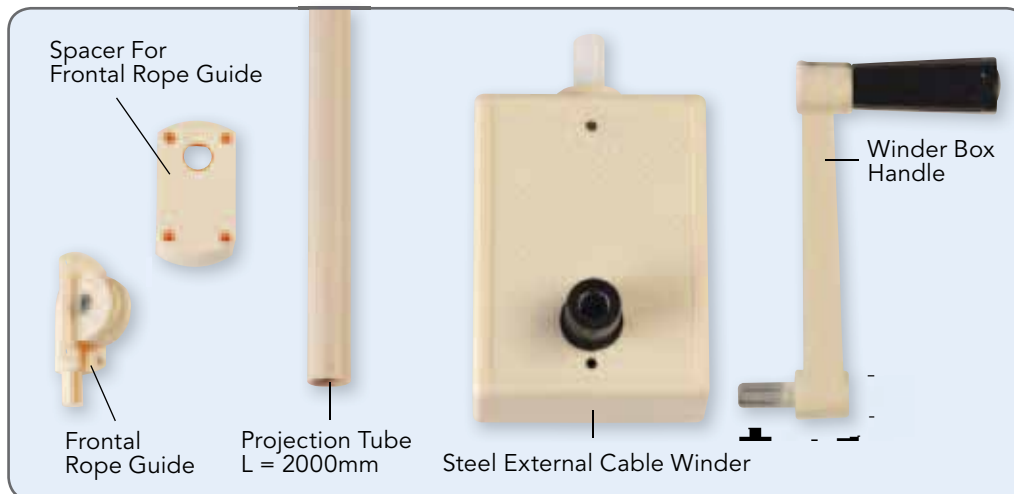
**40-100-102**



## Steel Cable Winder Control Kit

The following components are included in all steel cable winder control kits for made to measure roller shutters.

### Face Fit Only



Product Code

40-100-108

# Control Kit Component Summaries

## Strap Coiler Control Kits

The following components are included in all strap coiler control kits for made to measure roller shutters.

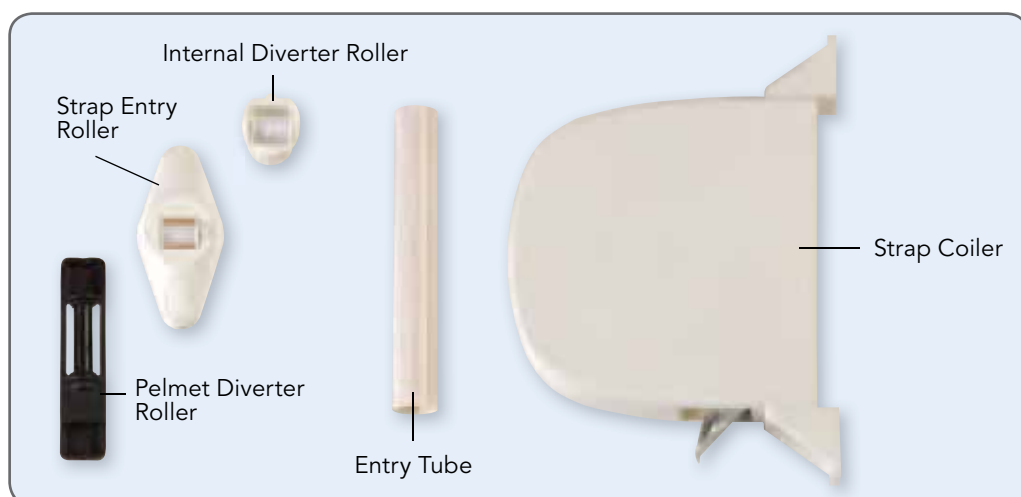
### Face Fit



Product Code

**40-100-104**

### Reveal Fit



Product Code

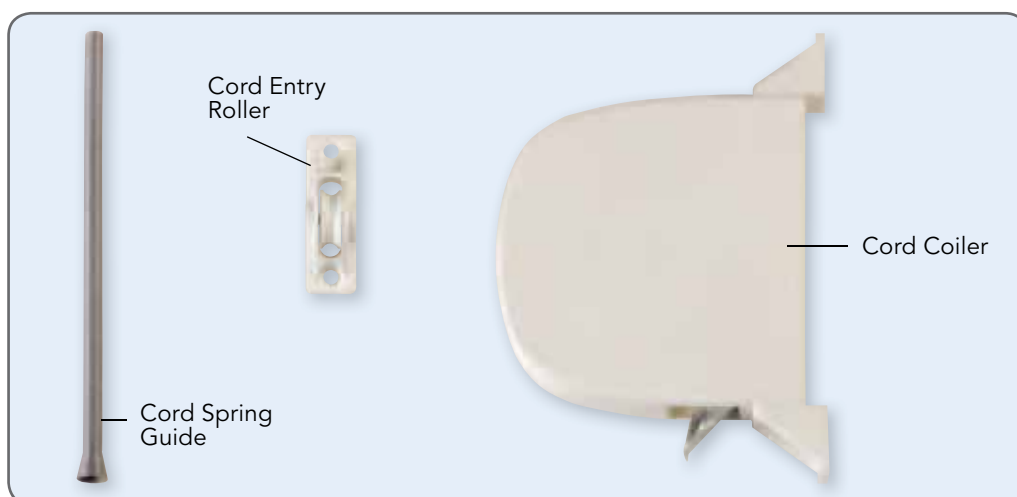
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## Cord Coiler Control Kits

The following components are included in all cord coiler control kits for made to measure roller shutters.

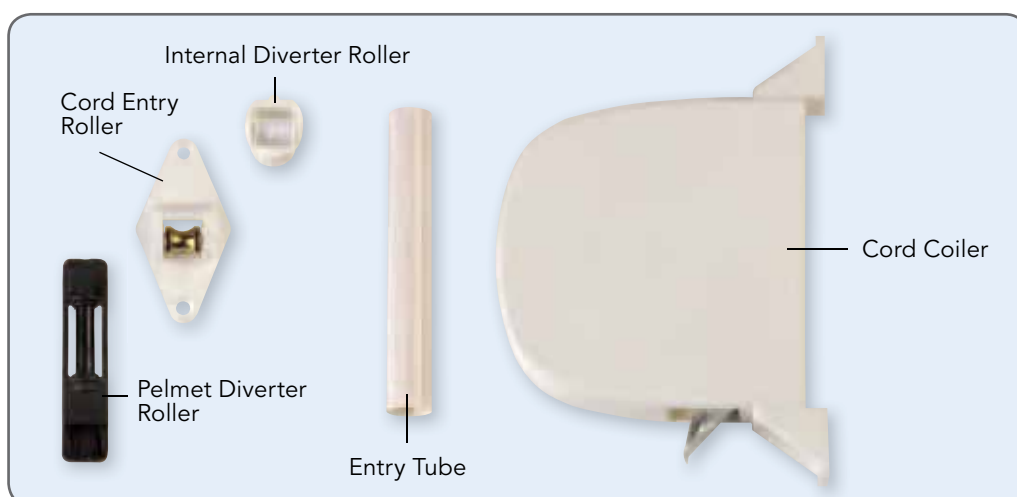
### Face Fit



Product Code

40-100-106

### Reveal Fit



Product Code

40-100-107



# Tips for Measuring Roller Shutters

## Basic Tips For Measuring

Here are some handy tips for correctly measuring your required Roller Shutter size.

All measurements must be made with care and accuracy before placing an order for manufacture. An incorrectly measured opening can result in your Roller Shutter being manufactured at the wrong size and this can be costly.

Please note, always supply measurements in millimetres and please DO NOT round off measurements.

- Width:** Measurement to be taken from reveal edge to reveal edge (window or door opening).<sup>1</sup>
- Height:** Measurement to be taken from sill/ground (bottom of window or door opening) to lintel (top of window or door opening).<sup>2</sup>
- Guides:** Allow room to fit side guides on each side of the window or door (see Notes on right).<sup>3</sup>
- Pelmet:** Allow enough room above the window or door for the pelmet box.<sup>4</sup>
- Controls:** Consider which side of the window or door (looking from outside and inside) are the controls to be positioned.<sup>5</sup>
- Manual Controls:** Allow enough room for where the control system (including a handle where applicable) is to be positioned inside the building.<sup>5</sup>
- Window Sill/Door Step:** Check if the window has a sill or the door has a step or firm ground at the base. If not then you will need to order a bottom sill guide or bottom angle.<sup>6</sup>
- Windows:** Consider how the window opens. Does it slide, or open out? This will determine if the Roller Shutter can be affixed Face Fit or Reveal Fit.
- Windows that open out will normally require a Face Fit Roller Shutter to ensure the window can continue to be opened once the roller shutter has been installed.
- With Reveal Fit Roller Shutters, it is important that the guides are installed a minimum of 50mm from the window face.<sup>7</sup>

### Notes

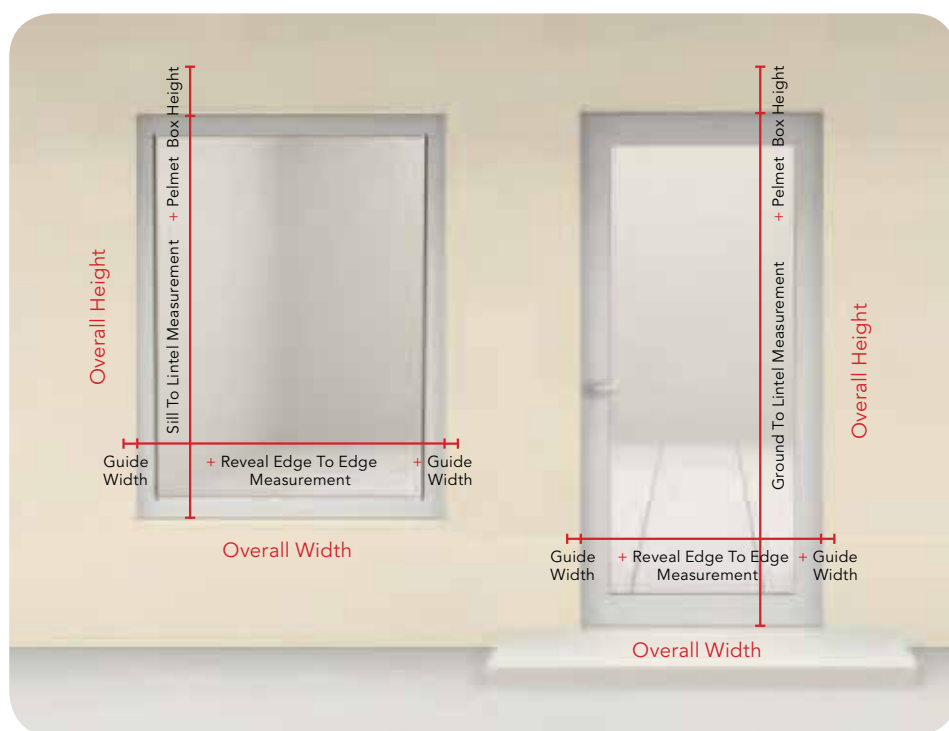
- 1) All width measurements must be in mm.
- 2) All height measurements must be in mm.
- 3) Always allow space for guides each side of the window or door.  
*NB. Allow 53mm on each side for Pinz Standard Roller Shutters. NB. Allow 68mm on each side for Pinz FireSafe™, CycloneSafe™, EasyView™ and security extruded Roller Shutters. NB. Allow 105mm on each side for Pinz 77mm Widespan Roller Shutters.*
- 4) All spaces above opening for pelmet must be in mm.
- 5) Always consider the control position looking from the outside and inside.
- 6) Is a window sill or door step required? Consider a bottom sill guide or bottom angle.
- 7) Windows that open out require a Face Fit application. Reveal Fit applications must have a 50mm clearance from window face.



# Measuring Instructions

## Standard Face Fit Roller Shutters

This Roller Shutter fixing method has the side guides affixed to the face of the building and the pelmet box is affixed above the window or door opening.



### Overall Width:

Measure from reveal edge to reveal edge (opening size) + 106mm for 53mm guides.

Measure from reveal edge to reveal edge (opening size) + 136mm for 68mm guides.

Measure from reveal edge to reveal edge (opening size) + 210mm for 105mm guides.

***NB. For Face Fit Roller Shutters, you must make sure you measure the width of the opening in 3 positions (bottom, middle and top) and provide the widest measurement.***

### Overall Height:

Measure from sill/ground to lintel (opening size) + pelmet box height (if applicable).



### Example:

Window frame opening size is 1000mm x 1000mm.

**Overall Width** 1000mm + 106mm (for 53mm guides) = 1106mm.

**Overall Height** 1000mm + pelmet box height (for 165mm pelmet) = 1165mm.

# Tips for Measuring Roller Shutters

## Measuring Instructions

### Standard Reveal Fit Roller Shutters

This Roller Shutter fixing method has the side guides affixed to the inside of the window or door opening and the pelmet box is affixed at the top within the inside of the window or door opening.



#### Overall Width:

Measure from reveal edge to reveal edge (opening size) - 4mm.

*NB. For Reveal Fit Roller Shutters, you must make sure you measure the width of the opening in 3 positions (bottom, middle and top) and provide the narrowest measurement. Pay particular attention to the top where the pelmet is to be positioned, and only supply the narrowest width measurement over the pelmet height position.*

#### Overall Height:

Measure from sill/ground to lintel (opening size).



#### Example:

Window frame opening size is 1000mm x 1000mm.

**Overall Width** 1000mm - 4mm = 996mm.

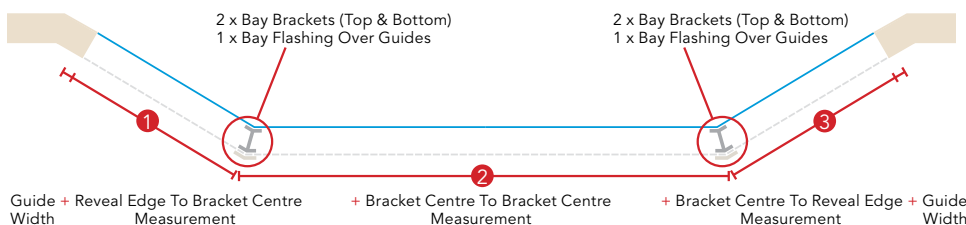
**Overall Height** = 1000mm.



# Measuring Instructions

## Bay Window Face Fit Roller Shutters

This Roller Shutter fixing method has the side guides affixed to the face of the building while the inner guides are affixed to brackets and the pelmet boxes on all 3 faces are affixed above the bay window opening.



### Overall Width:

#### Shutter ①

Measure from reveal edge to centre meeting point of bracket (a jig or bay window bracket can be used for accurate meeting point measurement) + 53mm for 53mm guides, 68mm for 68mm guides or 105mm for 105mm guides.

#### Shutter ②

Measure from centre meeting point of bracket (between Shutter ① & ②) to centre meeting point of bracket (between Shutter ② & ③).

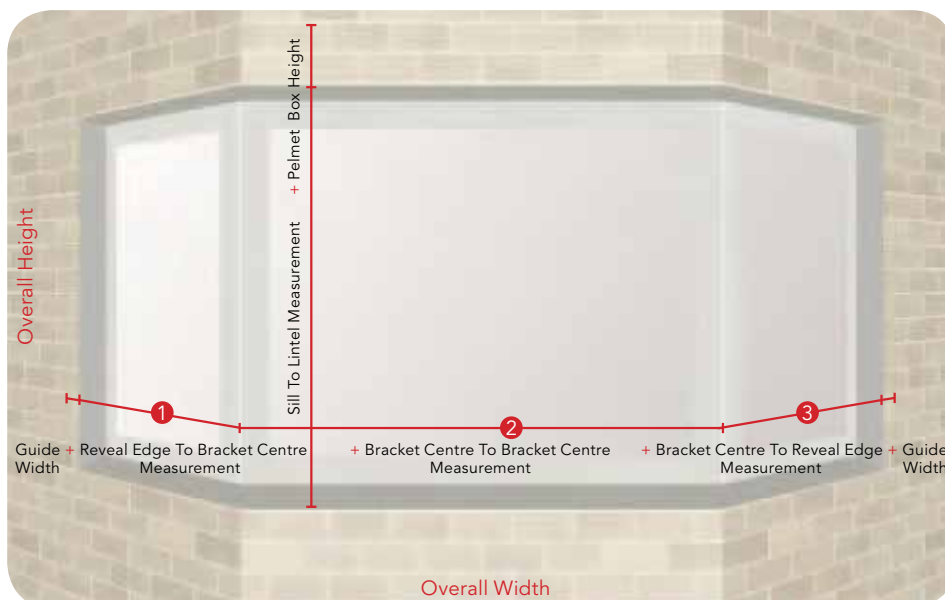
#### Shutter ③

Measure from centre meeting point of bracket (between Shutter ② & ③) to reveal edge + 53mm for 53mm guides, 68mm for 68mm guides or 105mm for 105mm guides.

**NB. For Bay Window Face Fit Roller Shutters, you must make sure you measure the width for all 3 faces of the opening in 3 positions (bottom, middle and top) and provide the widest measurement for each of the 3 roller shutters.**

### Overall Height:

Measure from sill to lintel (opening size) + pelmet box height (if applicable).

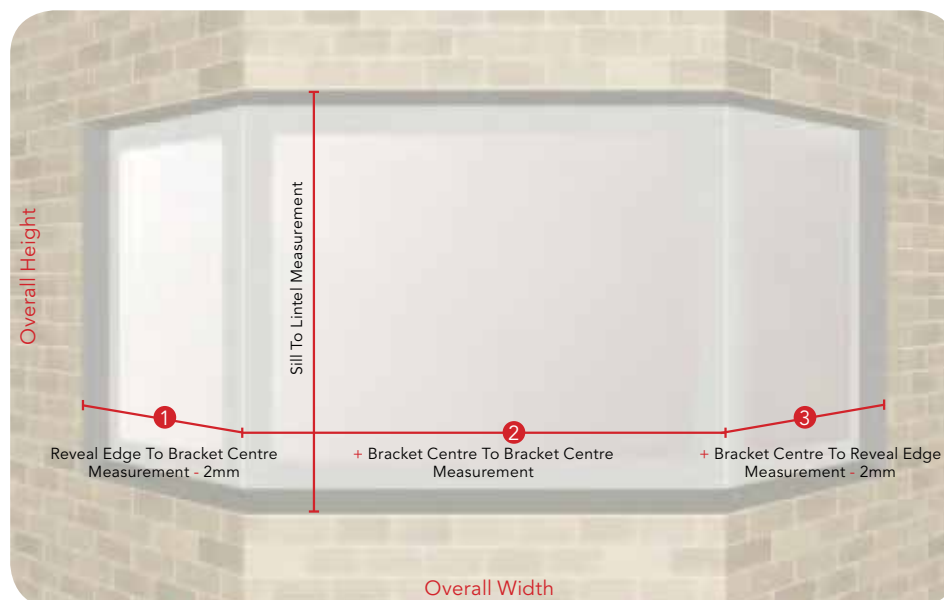
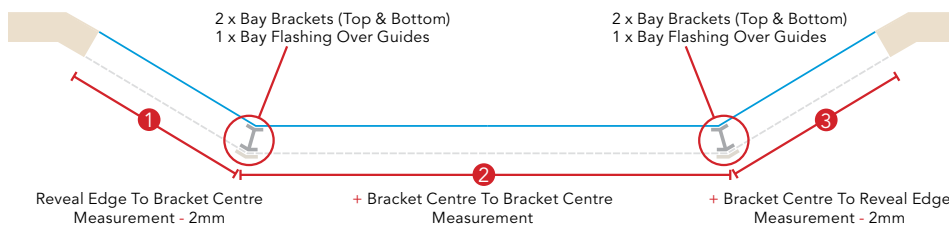


# Tips for Measuring Roller Shutters

## Measuring Instructions

### Bay Window Reveal Fit Roller Shutters

This Roller Shutter fixing method has the side guides affixed to the inside of the bay window opening while the inner guides are affixed to brackets and the pelmet boxes on all 3 faces are affixed at the top within the inside of the bay window opening.



#### Overall Width:

##### Shutter ①

Measure from reveal edge to centre meeting point of bracket (a jig or bay window bracket can be used for accurate meeting point measurement) - 2mm.

##### Shutter ②

Measure from centre meeting point of bracket (between Shutter ① & ②) to centre meeting point of bracket (between Shutter ② & ③).

##### Shutter ③

Measure from centre meeting point of bracket (between Shutter ② & ③) to reveal edge - 2mm.

*NB. For Bay Window Reveal Fit Roller Shutters, you must make sure you measure the width for all 3 faces of the opening in 3 positions (bottom, middle and top) and provide the narrowest measurement for each of the 3 roller shutters. Pay particular attention to the top where the pelmet is to be positioned, and only supply the narrowest width measurement over the pelmet height position.*

#### Overall Height:

Measure from sill to lintel (opening size).

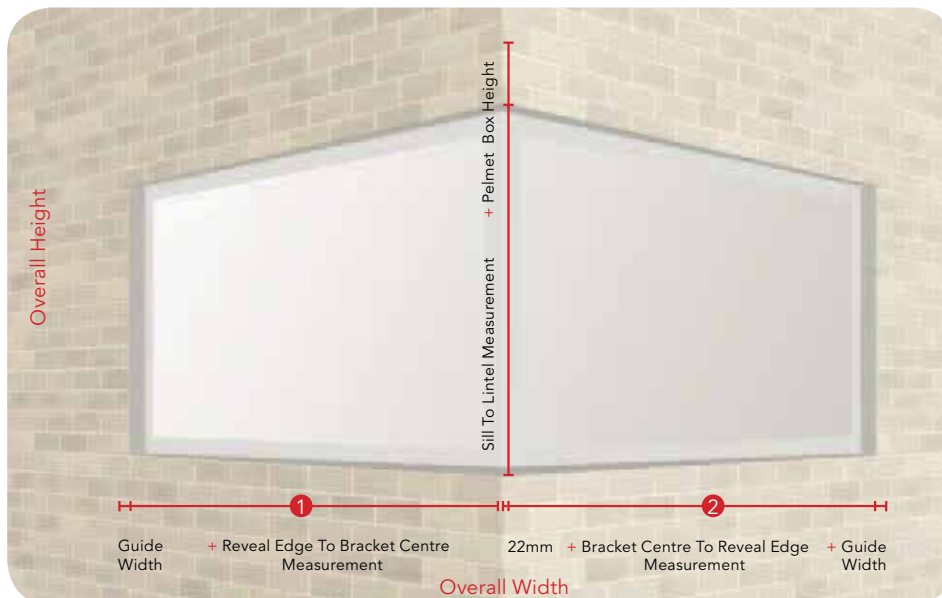
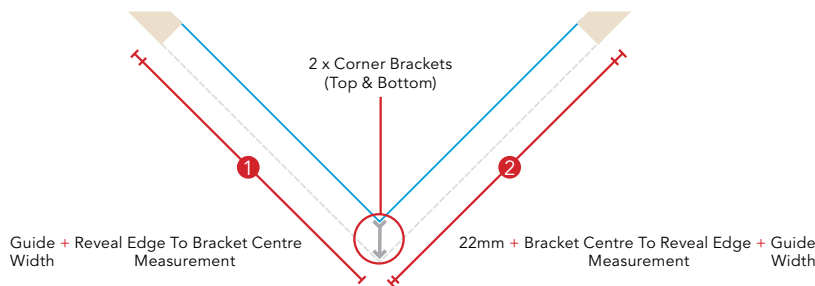




# Measuring Instructions

## Corner Window Face Fit Roller Shutters

This Roller Shutter fixing method has the side guides affixed to the face of the building while the inner guides are affixed to brackets & each other and the pelmet boxes on both faces are affixed above the window opening.



### Overall Width:

#### Shutter ①

Measure from reveal edge to centre meeting point of bracket (a jig or corner window bracket can be used for accurate meeting point measurement) + 53mm for 53mm guides, 68mm for 68mm guides or 105mm for 105mm guides.

#### Shutter ②

Measure from centre meeting point of bracket (between Shutter ① & ②) to reveal edge + 53mm for 53mm guides, 68mm for 68mm guides or 105mm for 105mm guides + an additional 22mm to allow for the overlapping of guides.

**NB. For Corner Window Face Fit Roller Shutters, you must make sure you measure the width for both faces of the opening in 3 positions (bottom, middle and top) and provide the widest measurement for each of the 2 roller shutters.**

### Overall Height:

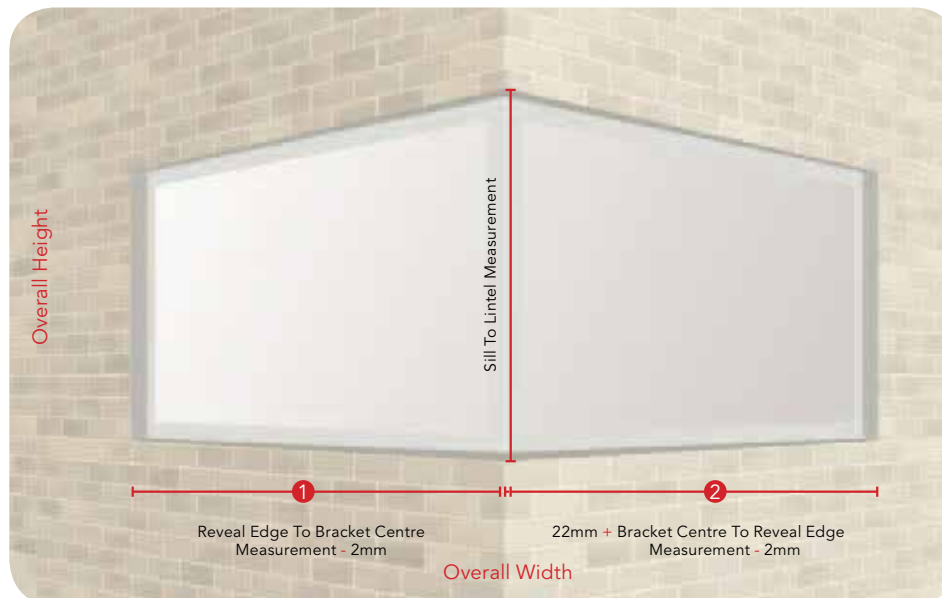
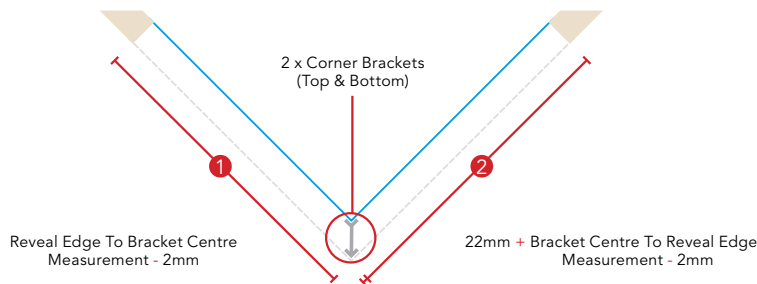
Measure from sill to lintel (opening size) + pelmet box height (if applicable).

# Tips for Measuring Roller Shutters

## Measuring Instructions

### Corner Window Reveal Fit Roller Shutters

This Roller Shutter fixing method has the side guides affixed to the inside of the corner window opening while the inner guides are affixed to brackets & each other and the pelmet boxes on both faces are affixed at the top within the inside of the window opening.



#### Overall Width:

##### Shutter ①

Measure from reveal edge to centre meeting point of bracket (a jig or corner window bracket can be used for accurate meeting point measurement) - 2mm.

##### Shutter ②

Measure from centre meeting point of bracket (between Shutter ① & ②) to reveal edge - 2mm + an additional 22mm to allow for the overlapping of guides.

*NB. For Corner Window Reveal Fit Roller Shutters, you must make sure you measure the width for both faces of the opening in 3 positions (bottom, middle and top) and provide the narrowest measurement for each of the 2 roller shutters. Pay particular attention to the top where the pelmet is to be positioned, and only supply the narrowest width measurement over the pelmet height position.*

#### Overall Height:

Measure from sill to lintel (opening size).





A series of horizontal lines for taking notes, spanning the width of the page below the header.



## Pinz Roller Shutters Catalogue 2017



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