CW ProductsWholesale Roller ShutterCatalogue





CW PRODUCTS
SHUTTER AND AUTOMATION SOLUTIONS



Why CW Products is Australia's Leading Supplier of High Quality Roller Shutters & Home Automation Products

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

CW Products is one of Australia's leading manufacturers and wholesale suppliers of high quality roller shutter products.

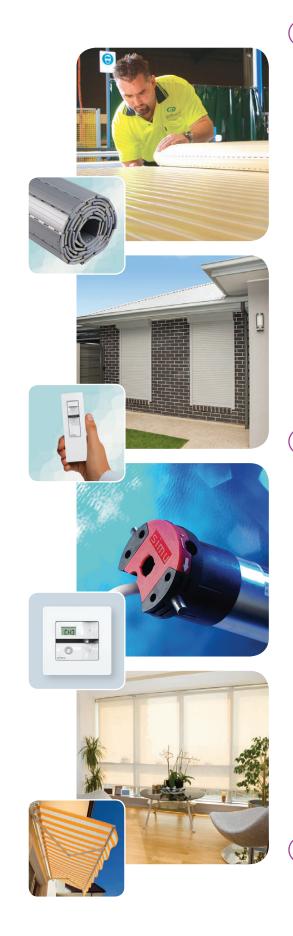
With state-of-the-art manufacturing facilities and processes, coupled with over 30 years manufacturing experience, we take pride in supplying the Australian market with the highest quality and widest range of roller shutter products.

CW Products 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.

We have been working with world leaders in tubular motorisation, SIMU France for over 25 years and are the exclusive Australian distributors.

At CW Products we back our high quality product range with exceptional service, industry-best technical support, as well as always ensuring readily available supply of product across Australia!

With CW Products as your supplier, your Roller Shutter and Home Automation business will start rolling in!



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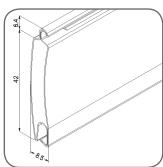


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42mm Single Line

(Residential/Light Commercial)

Precision roll formed roller shutter profile made from high quality aluminium alloy. Foam filled for additional strength, security and a smooth silent operation.

- High quality painted finish.
- Smooth and curved face.
- Roll-tight design.
- Wide range of colours.
- Double coated + lacquer for abrasion resistant finish.
- Made in Australia.

Technical Specifications

Profile Slat Covering	42mm
Profile Slat Thickness	8.5mm
Maximum Width	3200mm
Maximum Height	2600mm
Maximum Surface Area	7m²
Weight/Metre ²	3.2kg
Number Of Slats/Metre	24
Standard Length	5.8m
Pack Quantity	30 x 5.8 = 174m

Pelmet Sizes & Maximum Shutter Height

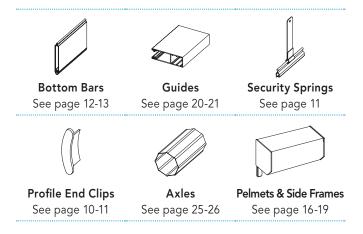
Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height (Including Pelmet)	Axle Size
150mm	31	1300mm	60mm
165mm	41	1700mm	60mm
180mm	52	2200mm	60mm
205mm	67	2850mm*	60mm
230mm	93	3900mm*	60mm

^{*} Measurement exceeds recommended maximum shutter height. May be allowed if other technical specifications are met. Check with your local CW Products representative.

Colours & Product Codes

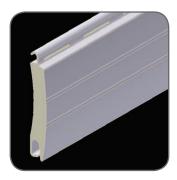
Colour	Product Code Perforated	Product Code Unperforated
Cream	10-001-103	10-101-475
Magnolia Cream	10-014-100	10-114-100
Clear Beige	10-002-123	10-102-503
White	10-003-143	10-103-523
Grey	10-004-162	10-104-562
Brown	10-005-183	10-105-582
Beige	10-006-205	10-106-612
Green	10-007-240	10-107-620
Red	10-008-260	10-108-632
Bronze	10-009-284	10-109-635
Black	10-010-303	10-110-639
Charcoal	10-012-100	10-112-100
Silver	10-011-323	10-111-643
Deep Ocean	10-013-100	10-113-100
Woodland Grey	10-015-100	10-115-100

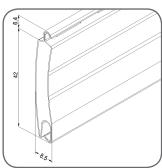
Related Products



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 CW Products representative.







42mm Double Line

(Residential/Light Commercial)

Precision roll formed roller shutter profile made from high quality aluminium alloy. Foam filled for additional strength, security and a smooth silent operation.

- High quality painted finish.
- Double line grooved and curved face.
- Roll-tight design.
- Wide range of colours.
- Double coated + lacquer for abrasion resistant finish.
- Made in Australia.

Technical Specifications

Profile Slat Covering	42mm
Profile Slat Thickness	8.5mm
Maximum Width	3200mm
Maximum Height	2600mm
Maximum Surface Area	7m²
Weight/Metre ²	3.2kg
Number Of Slats/Metre	24
Standard Length	5.8m
Pack Quantity	30 x 5.8 = 174m

Pelmet Sizes & Maximum Shutter Height

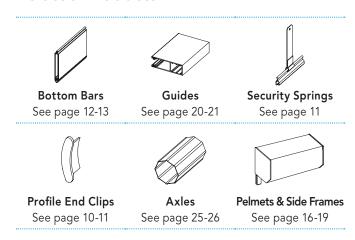
Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height (Including Pelmet)	Axle Size
150mm	31	1300mm	60mm
165mm	41	1700mm	60mm
180mm	52	2200mm	60mm
205mm	67	2850mm*	60mm
230mm	93	3900mm*	60mm

^{*} Measurement exceeds recommended maximum shutter height. May be allowed if other technical specifications are met. Check with your local CW Products representative.

Colours & Product Codes

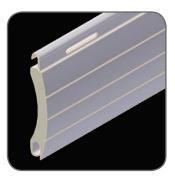
Colour	Product Code Perforated	Product Code Unperforated
Cream	10-001-105	10-101-473
Magnolia Cream	10-014-101	10-114-101
Clear Beige	10-002-127	10-102-504
White	10-003-148	10-103-519
Grey	10-004-165	10-104-569
Brown	10-005-186	10-105-588
Beige	10-006-209	10-106-609
Green	10-007-243	10-107-621
Red	10-008-263	10-108-633
Bronze	10-009-283	10-109-636
Black	10-010-305	10-110-641
Charcoal	10-012-101	10-112-101
Silver	10-011-325	10-111-644
Deep Ocean	10-013-101	10-113-101
Woodland Grey	10-015-101	10-115-101

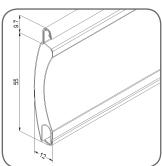
Related Products



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 CW Products representative.







55mm Widespan

(Widespan Residential/Light Commercial)

Precision roll formed roller shutter profile made from high quality aluminium alloy. Foam filled for additional strength, security and a smooth silent operation. Suitable for widespan roller shutters and garage doors with special roll-tight design.

- High quality painted finish.
- Smooth and curved face.
- Roll-tight design.
- Range of colours.
- Double coated + lacquer for abrasion resistant finish.

Technical Specifications

Profile Slat Covering	55mm
Profile Slat Thickness	12mm
Maximum Width	4500mm
Maximum Height	3000mm
Maximum Surface Area	10m²
Weight/Metre ²	4kg
Number Of Slats/Metre	18
Standard Length	5.8m
Pack Quantity	30 x 4.6 = 138m

Pelmet Sizes & Maximum Shutter Height

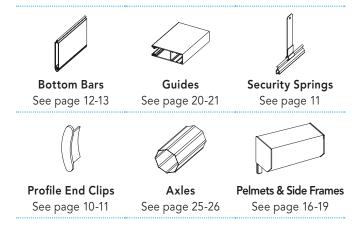
Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height (Including Pelmet)	Axle Size
180mm	32	1850mm	60mm
205mm	42	2400mm	60mm
230mm	55	3100mm*	70mm
230mm	49	2800mm	101mm with
250mm	65	3650mm*	101mm with
250mm	56	3150mm*	130mm with

^{*} Measurement exceeds recommended maximum shutter height. May be allowed if other technical specifications are met. Check with your local CW Products representative.

Colours & Product Codes

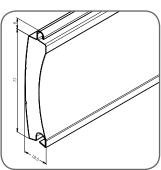
Colour	Product Code Perforated	Product Code Unperforated
Cream	10-001-155	10-101-155
Magnolia Cream	10-014-455	10-114-455
Clear Beige	10-002-255	10-102-255
White	10-003-355	10-103-355
Grey	10-004-455	10-104-155
Brown	10-005-555	10-105-555
Black	10-010-105	10-110-155
Silver	10-011-155	10-111-155
Woodland Grey	10-015-155	10-115-155

Related Products









77mm Widespan

(Widespan Residential/Commercial)

Precision roll formed roller shutter profile made from high quality aluminium alloy. Foam filled for additional strength, security and a smooth silent operation. Suitable for widespan roller shutters and garage doors with special roll-tight design.

- High quality painted finish.
- Smooth and curved face.
- Rolls smaller than traditional steel roller doors.
- Range of colours.
- Double coated + lacquer for abrasion resistant finish.

Technical Specifications

Profile Slat Covering	77mm
Profile Slat Thickness	18.5mm
Maximum Width	5900mm
Maximum Height	3000mm
Maximum Surface Area	15m² (depending on wind zone)
Weight/Metre ²	5kg
Number Of Slats/Metre	13
Standard Length	5.8m
Pack Quantity	10 x 5.8 = 58m

Pelmet Sizes & Maximum Shutter Height

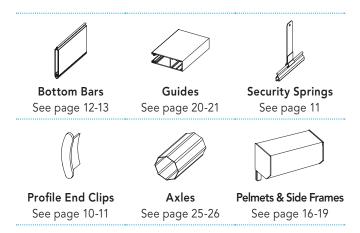
Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height (Including Pelmet)	Axle Size
250mm	23	2000mm	101mm with
250mm	21	1800mm	130mm with
300mm	39	3200mm*	101mm with
300mm	36	3000mm	150mm with

^{*} Measurement exceeds recommended maximum shutter height. May be allowed if other technical specifications are met. Check with your local CW Products representative.

Colours & Product Codes

Colour	Product Code Perforated	Product Code Unperforated
Cream	Not Available	10-101-166
Clear Beige	Not Available	10-102-266
White	Not Available	10-103-366
Grey	Not Available	10-104-466
Brown	Not Available	10-105-566
Black	Not Available	10-110-366
Silver	Not Available	10-111-166
Woodland Grey	Not Available	10-115-366

Related Products



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 CW Products representative.









36mm Extruded

(High Security Commercial)

Precision extruded roller shutter profile made from high quality, strong aluminium alloy. Commercial grade double wall extrusion for heavy duty strength/security.

- High quality powder coated finish for maximum abrasion resistance.
- Double line grooved and slight curved face.
- Roll-tight design.
- Range of colours.
- For widespan shutters.
- Engineered to withstand high wind resistance and storms up to 300km/hr*.
- With the use of Wing Locks.

Technical Specifications

•••••	••••••
Profile Slat Covering	36mm
Profile Slat Thickness	9.7mm
Maximum Width	5000mm (with Winged Slat Locks)
Maximum Height	3000mm
Maximum Surface Area	12m²
Weight/Metre ²	7.5kg
Number Of Slats/Metre	28
Standard Length	5.8m
Pack Quantity	10 x 5.8 = 58m

Colours & Product Codes

Colour	Product Code Perforated	Product Code Unperforated
Cream	10-001-487	10-101-487
Magnolia Cream	10-014-487	10-114-512
Clear Beige	10-002-512	10-102-512
White	10-003-547	10-103-547
Grey	10-004-540	10-104-540
Black	10-010-487	10-110-487
Anodised Silver	10-011-487	10-111-647
Woodland Grey	10-015-487	10-115-512

Pelmet Sizes & Maximum Shutter Height Standard Slat Locks

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

^{*} Measurement exceeds recommended maximum shutter height. May be allowed if other technical specifications are met. Check with your local CW Products representative.

Winged Slat Locks

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

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 CW Products representative.

Related Products



Bottom Bars See page 12-13



Guides See page 20-21



Security Springs See page 11



Profile End Clips See page 10-11



Axles

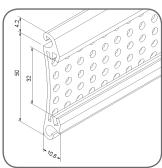


See page 25-26

Pelmets & Side Frames See page 16-19







50mm Extruded Vision

(Commercial)

Precision extruded roller shutter profile made from high quality, strong aluminium alloy. Extra strong single wall extrusion with approximately 20% vision and ventilation perforations.

- High quality powder coated finish for maximum abrasion resistance.
- Perforated and curved face.
- Roll-tight design.
- Range of colours.
- Ideal for shop front, shopping centre grille, commercial and industrial applications.

Technical Specifications

Profile Slat Covering	50mm
Profile Slat Thickness	10.8mm
Maximum Width	4000mm
Maximum Height	3000mm
Maximum Surface Area	9m²
Weight/Metre ²	8.5kg
Number Of Slats/Metre	20
Standard Length	5.8m
Pack Quantity	10 x 5.8 = 58m

Pelmet Sizes & Maximum Shutter Height Standard Slat Locks

Pelmet Box Size	Max. No. Of Slats	Max. Shutter Height (Including Pelmet)	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

^{*} Measurement exceeds recommended maximum shutter height. May be allowed if other technical specifications are met. Check with your local CW Products representative.

Colours & Product Codes

Colour	Product Code Perforated	Product Code Unperforated
Cream	10-001-108	Not Available
Clear Beige	10-002-128	Not Available
White	10-003-155	Not Available
Anodised Silver	10-011-335	10-111-649

Winged Slat Locks

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

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 CW Products representative.

Related Products



Bottom Bars See page 12-13



Guides See page 20-21



Security Springs
See page 11



Profile End Clips
See page 10-11



Axles See page 25-26



Pelmets & Side Frames See page 16-19

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Profile End Clips

Description	Product Code	Pack Quantity		
CW Products 42mm Profile End Clip			•	
For use with the following profiles:				
42mm Single Line42mm Double Line	10-999-760	500		
CW Products 55mm Profile End Clip				
For use with the following profiles:			C. W. NO. EC. W. NO. EC. W. NO.	
• 55mm Widespan	10-999-753	200	ZCM	
CW Products 77mm Profile End Clip				
For use with the following profiles:				
• 77mm Widespan	10-999-754	50		
CW Products Curved Extruded 36mm	Standard Profile End Clip			
For use with the following profiles:			111	
• 36mm Extruded	10-999-744	500		





Description	Product Code	Pack Quantity

CW Products Curved Extruded 36mm Winged Profile End Clip

For use with the following profiles:

• 36mm Extruded (with Wing Locks)

10-999-745

500



CW Products Extruded Vision 50mm Standard Profile End Clip

For use with the following profiles:

10-999-746

200



• 50mm Extruded Vision

CW Products Extruded Vision 50mm Winged Profile End Clip

For use with the following profiles:

10-999-751

200



• 50mm Extruded Vision (with Wing Locks)

Security Springs

Description	Product Code	Pack Quantity	
FX Security Spring For Aluminium A	xles		
L = 130mm FX	22-999-590	500	
L = 130mm FX (Felted)	22-999-588	500	
L = 170mm FX	22-999-591	500	
L = 170mm FX (Felted)	22-999-589	500	
L = 190mm FX (For 77mm Widespan)	22-999-592	500	Unfelted Felted
Split Security Spring For Steel Perfo	orated Axles		Ĵ
L = 130mm	22-999-594	500	
L = 170mm	22-999-595	500	
L = 190mm	22-999-597	500	
SIMU Aluminium Rigid Fasteners Fo	r Use With SIMU E Series Mot	ors	
2 Element	22-999-532	20	
3 Element	22-999-533	20	
4 Element	22-999-534	20	



Bottom Bars & Intermediate Slats

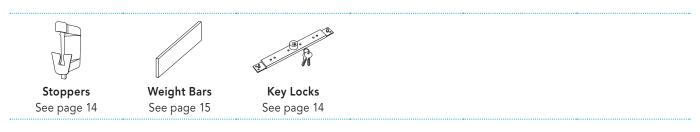
Description	Product Code	Pack Quantity		
CW Products 55mm Bottom Bar V	Vith Rubber			
Cream	21-119-085	10 x 5.8m = 58m		
Magnolia Cream	21-114-100	$10 \times 5.8 \text{m} = 58 \text{m}$		
Clear Beige	21-102-185	$10 \times 5.8 \text{m} = 58 \text{m}$		
White	21-103-237	$10 \times 5.8 \text{m} = 58 \text{m}$		
Grey	21-104-100	$10 \times 5.8 \text{m} = 58 \text{m}$		
Brown	21-105-407	$10 \times 5.8 \text{m} = 58 \text{m}$		
Black	21-110-102	$10 \times 5.8 \text{m} = 58 \text{m}$		
Mill Finish	21-116-615	$10 \times 5.8 \text{m} = 58 \text{m}$		
Anodised Silver	21-111-100	$10 \times 5.8 \text{m} = 58 \text{m}$		
Woodland Grey	21-115-100	$10 \times 5.8 \text{m} = 58 \text{m}$		
CW Products 55mm Bottom Bar F	or Sliding/Key Lock (Standard)	With Rubber		······
Cream	21-119-086	10 x 5.8m = 58m		
Magnolia Cream	21-114-186	10 x 5.8m = 58m		
Clear Beige	21-102-186	10 x 5.8m = 58m		
White	21-103-238	10 x 5.8m = 58m		
Grey	21-104-186	10 x 5.8m = 58m		
Brown	21-105-408	10 x 5.8m = 58m		
Black	21-110-186	10 x 5.8m = 58m		
Mill Finish	21-116-616	10 x 5.8m = 58m		
Anodised Silver	21-111-002	10 x 5.8m = 58m		
Woodland Grey	21-115-186	10 x 5.8m = 58m		
CW Products 55mm Bottom Bar F	or Sliding/Key Lock (Reverse) V	Vith Rubber		
Cream	21-119-089	$10 \times 5.8 \text{m} = 58 \text{m}$		
Magnolia Cream	21-114-188	$10 \times 5.8 \text{m} = 58 \text{m}$		
Clear Beige	21-102-188	$10 \times 5.8 \text{m} = 58 \text{m}$		
White	21-103-239	$10 \times 5.8 \text{m} = 58 \text{m}$		
Grey	21-104-188	$10 \times 5.8 \text{m} = 58 \text{m}$		
Brown	21-105-409	$10 \times 5.8 \text{m} = 58 \text{m}$		
Black	21-110-188	$10 \times 5.8 \text{m} = 58 \text{m}$		
Mill Finish	21-116-617	$10 \times 5.8 \text{m} = 58 \text{m}$		
Anodised Silver	21-111-001	$10 \times 5.8 \text{m} = 58 \text{m}$		
Woodland Grey	21-115-188	$10 \times 5.8 \text{m} = 58 \text{m}$		
CW Products 55mm Heavy Duty B	ottom Bar With Rubber			
Cream	21-119-084	10 x 5.8m = 58m	4	
Magnolia Cream	21-114-084	$10 \times 5.8 \text{m} = 58 \text{m}$		
Clear Beige	21-102-184	$10 \times 5.8 \text{m} = 58 \text{m}$		
White	21-103-234	$10 \times 5.8 \text{m} = 58 \text{m}$		
Grey	21-104-084	$10 \times 5.8 \text{m} = 58 \text{m}$		
Brown	21-105-084	10 x 5.8m = 58m		
Black	21-110-084	10 x 5.8m = 58m		_
Anodised Silver	21-116-618	10 x 5.8m = 58m		
Woodland Grey	21-115-084	10 x 5.8m = 58m		
woodiand Grey	21-113-004	10 A 3.0111 - 30111		



Bottom Bars & Intermediate Slats

Products 55mm Bottom Bar Foot With Rubber □ Cream 21-101-110 5 x 5.8m = 29m □ Magnolia Cream 21-114-110 5 x 5.8m = 29m □ Clear Beige 21-102-160 5 x 5.8m = 29m □ White 21-103-220 5 x 5.8m = 29m □ Grey 21-104-110 5 x 5.8m = 29m □ Grey 21-101-112 5 x 5.8m = 29m □ Anodised Silver 21-111-530 5 x 5.8m = 29m □ Anodised Grey 21-115-110 5 x 5.8m = 29m □ Products 67mm Bottom Bar For 50mm Extruded Vision Profile With Rubber □ Cream 21-119-083 10 x 5.8m = 58m □ Clear Beige 21-102-183 10 x 5.8m = 58m 10 x 5.8m = 58m □ White 21-103-235 10 x 5.8m = 58m □ Anodised Silver 21-101-129 4 x 5.8m = 23.2m □ Products 106mm Bottom Bar For 77mm Widespan Profile □ Cream 21-101-129 4 x 5.8m = 23.2m □ Clear Beige 21-102-129 4 x 5.8m = 23.2m □ Clear Beige 21-102-129 4 x 5.8m = 23.2m □ Grey 21-104-129 4 x 5.8m = 23.2m □ Clear Beige 21-102-204				
Cream	Description	Product Code	Pack Quantity	
Magnolia Cream 21-114-110 5 x 5.8m = 29m Clear Beige 21-102-160 5 x 5.8m = 29m White 21-103-220 5 x 5.8m = 29m Grey 21-104-110 5 x 5.8m = 29m S.8m = 29m Grey 21-104-110 5 x 5.8m = 29m S.8m = 29m Grey 21-104-110 5 x 5.8m = 29m Grey 21-111-510 5 x 5.8m = 29m Grey 21-111-510 5 x 5.8m = 29m Grey 21-115-110 5 x 5.8m = 29m Gream 21-119-083 10 x 5.8m = 58m Gream 21-102-183 10 x 5.8m = 58m Gream 21-103-235 10 x 5.8m = 58m Gream 21-103-235 10 x 5.8m = 58m Gream 21-111-529 10 x 5.8m = 58m Gream 21-111-529 10 x 5.8m = 58m Gream 21-101-129 4 x 5.8m = 23.2m Gream 21-101-129 4 x 5.8m = 23.2m Grey 21-104-129 4 x 5.8m = 23.2m Grey 21-104-129 4 x 5.8m = 23.2m Grey 21-104-129 4 x 5.8m = 23.2m Grey 21-102-40 4 x 5.8m = 23.2m Grey 21-102-40 4 x 5.8m = 23.2m Grey 21-115-240 4 x 5.8m = 23.2m Grey 21-115-240 4 x 5.8m = 23.2m Grey 21-114-011 14 x 5.8m = 81.2m Grey 21-102-011 14 x 5.8m = 81.2m Grey 21-102-011 14 x 5.8m = 81.2m Grey 21-104-011 21-204	Products 55mm Bottom Bar F	oot With Rubber		
Magnolia Cream	Cream	21-101-110	5 x 5.8m = 29m	
Clear Beige 21-102-160 5 x 5.8m = 29m White 21-103-220 5 x 5.8m = 29m S. 5.8m = 28m S. 5.8m S.		21-114-110	5 x 5.8m = 29m	
White	•	21-102-160	$5 \times 5.8 \text{m} = 29 \text{m}$	
Black 21-110-112 5 x 5.8m = 29m Anodised Silver 21-111-530 5 x 5.8m = 29m Woodland Grey 21-111-5110 5 x 5.8m = 29m Woodland Grey 21-115-110 5 x 5.8m = 29m Products 67mm Bottom Bar For 50mm Extruded Vision Profile With Rubber Cream 21-119-083 10 x 5.8m = 58m Clear Beige 21-102-183 10 x 5.8m = 58m White 21-103-235 10 x 5.8m = 58m Anodised Silver 21-111-529 10 x 5.8m = 58m Ox 5.8m = 23.2m Ox 5.8m	•	21-103-220	$5 \times 5.8 \text{m} = 29 \text{m}$	
Black] Grev	21-104-110	$5 \times 5.8 \text{m} = 29 \text{m}$	
Anodised Silver 21-111-530 5 x 5.8m = 29m Woodland Grey 21-115-110 5 x 5.8m = 29m Products 67mm Bottom Bar For 50mm Extruded Vision Profile With Rubber Cream 21-119-083 10 x 5.8m = 58m Clear Beige 21-102-183 10 x 5.8m = 58m White 21-103-235 10 x 5.8m = 58m Anodised Silver 21-111-529 10 x 5.8m = 58m Products 106mm Bottom Bar For 77mm Widespan Profile Cream 21-101-129 4 x 5.8m = 23.2m Clear Beige 21-102-129 4 x 5.8m = 23.2m White 21-103-129 4 x 5.8m = 23.2m Grey 21-104-129 4 x 5.8m = 23.2m Brown 21-105-240 4 x 5.8m = 23.2m Black 21-110-240 4 x 5.8m = 23.2m Woodland Grey 21-115-240 4 x 5.8m = 23.2m Woodland Grey 21-115-240 4 x 5.8m = 23.2m Products 47mm Intermediate Slat Or Bottom Bar For Sliding/Key Lock (Standard & Reverse Applications) Cream 21-101-011 14 x 5.8m = 81.2m Magnolia Cream 21-114-011 14 x 5.8m = 81.2m Clear Beige 21-102-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m		21-110-112	$5 \times 5.8 \text{m} = 29 \text{m}$	
Products 67mm Bottom Bar For 50mm Extruded Vision Profile With Rubber Cream 21-119-083 10 x 5.8m = 58m Clear Beige 21-102-183 10 x 5.8m = 58m White 21-103-235 10 x 5.8m = 58m Anodised Silver 21-111-529 10 x 5.8m = 58m Products 106mm Bottom Bar For 77mm Widespan Profile Cream 21-101-129 4 x 5.8m = 23.2m Clear Beige 21-102-129 4 x 5.8m = 23.2m White 21-103-129 4 x 5.8m = 23.2m Brown 21-104-129 4 x 5.8m = 23.2m Black 21-101-240 4 x 5.8m = 23.2m Woodland Grey 21-115-240 4 x 5.8m = 23.2m Woodland Grey 21-115-240 4 x 5.8m = 81.2m Magnolia Cream 21-101-011 14 x 5.8m = 81.2m Magnolia Cream 21-102-011 14 x 5.8m = 81.2m White 21-103-011 14 x 5.8m = 81.2m White 21-104-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-101-011 14 x 5.8m = 81.2m	Anodised Silver	21-111-530	$5 \times 5.8 \text{m} = 29 \text{m}$	*
Cream 21-119-083 10 x 5.8m = 58m Clear Beige 21-102-183 10 x 5.8m = 58m This is a second of the seco	Woodland Grey	21-115-110	$5 \times 5.8 \text{m} = 29 \text{m}$	
Clear Beige 21-102-183 10 x 5.8m = 58m White 21-103-235 10 x 5.8m = 58m Anodised Silver 21-111-529 10 x 5.8m = 58m In x 5.8m = 23.2m In x 5.8m = 81.2m In x 5.	Products 67mm Bottom Bar F	or 50mm Extruded Vision Profi	le With Rubber	
Clear Beige 21-102-183 10 x 5.8m = 58m White 21-103-235 10 x 5.8m = 58m Anodised Silver 21-111-529 10 x 5.8m = 58m Anodised Silver 21-111-529 10 x 5.8m = 58m Anodised Silver 21-111-529 10 x 5.8m = 58m Anodised Silver 21-101-129 4 x 5.8m = 23.2m Clear Beige 21-102-129 4 x 5.8m = 23.2m White 21-103-129 4 x 5.8m = 23.2m Grey 21-104-129 4 x 5.8m = 23.2m Anodised Silver 21-10-240 4 x 5.8m = 23.2m Anodised Silver 21-115-240 Anodised Silver 21-115-240 Anodised Silver 21-110-011 21 x 5.8m = 81.2m Anodised Silver 21-10-011 21 x 5.8m = 81.2m Anodised Silver 21-110-011 21 x 5.8m = 81.2m Anodised Silver 21-111-011 21 x 5.8m = 23.2m	Cream	21-119-083	10 x 5.8m = 58m	
White				
Anodised Silver 21-111-529 10 x 5.8m = 58m	•			
Products 106mm Bottom Bar For 77mm Widespan Profile Cream 21-101-129 4 x 5.8m = 23.2m Clear Beige 21-102-129 4 x 5.8m = 23.2m White 21-103-129 4 x 5.8m = 23.2m Grey 21-104-129 4 x 5.8m = 23.2m Brown 21-105-240 4 x 5.8m = 23.2m Black 21-110-240 4 x 5.8m = 23.2m Woodland Grey 21-115-240 4 x 5.8m = 23.2m Products 47mm Intermediate Slat Or Bottom Bar For Sliding/Key Lock (Standard & Reverse Applications) Cream 21-101-011 14 x 5.8m = 81.2m Magnolia Cream 21-114-011 14 x 5.8m = 81.2m Clear Beige 21-102-011 14 x 5.8m = 81.2m White 21-103-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m	-		10 x 5.8m = 58m	
Black 21-110-240 4 x 5.8m = 23.2m Woodland Grey 21-115-240 4 x 5.8m = 23.2m Products 47mm Intermediate Slat Or Bottom Bar For Sliding/Key Lock (Standard & Reverse Applications) Cream 21-101-011 14 x 5.8m = 81.2m Magnolia Cream 21-114-011 14 x 5.8m = 81.2m Clear Beige 21-102-011 14 x 5.8m = 81.2m White 21-103-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m Anodised Silver 21-111-011 Anodised Silver 21-111-011 Anodised Silver 21-111-011 Anodised Silver 21-111	Clear Beige White Grey	21-102-129 21-103-129 21-104-129	4 x 5.8m = 23.2m 4 x 5.8m = 23.2m 4 x 5.8m = 23.2m	
Woodland Grey 21-115-240 4 x 5.8m = 23.2m Products 47mm Intermediate Slat Or Bottom Bar For Sliding/Key Lock (Standard & Reverse Applications) Cream 21-101-011 14 x 5.8m = 81.2m Magnolia Cream 21-114-011 14 x 5.8m = 81.2m Clear Beige 21-102-011 14 x 5.8m = 81.2m White 21-103-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m	-			
Products 47mm Intermediate Slat Or Bottom Bar For Sliding/Key Lock (Standard & Reverse Applications) Cream 21-101-011 14 x 5.8m = 81.2m Magnolia Cream 21-114-011 14 x 5.8m = 81.2m Clear Beige 21-102-011 14 x 5.8m = 81.2m White 21-103-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m				7
Cream 21-101-011 14 x 5.8m = 81.2m Magnolia Cream 21-114-011 14 x 5.8m = 81.2m Clear Beige 21-102-011 14 x 5.8m = 81.2m White 21-103-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m	-			Applications)
Magnolia Cream 21-114-011 14 x 5.8m = 81.2m Clear Beige 21-102-011 14 x 5.8m = 81.2m White 21-103-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m	_	_	-	,
Clear Beige 21-102-011 14 x 5.8m = 81.2m White 21-103-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m				
White 21-103-011 14 x 5.8m = 81.2m Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m	=			
Grey 21-104-011 14 x 5.8m = 81.2m Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m	•			
Black 21-110-011 14 x 5.8m = 81.2m Anodised Silver 21-111-011 14 x 5.8m = 81.2m	-			
Anodised Silver 21-111-011 14 x 5.8m = 81.2m	•			
	Woodland Grey	21-115-011	14 x 5.8m = 81.2m	

Related Products





Bottom Bar Accessories

Description	Product Code	Pack Quantity		
CW Products 30mm Conical Stopp				
Cream	21-101-140	200		
Clear Beige	21-106-502	200		
White	21-103-280	200		
Grey	21-104-340	200		
Brown	21-105-460	200		
Black	21-110-140	200		
55mm Bottom Bar T-Type Stopper				
White	21-999-810	100		
CW Products 55mm Bottom Bar V-	Type Stopper			
			10	
White	21-999-811	200		
CW Products 47mm Intermediate S	ilat End Clip For Spring Loade	d Shutters		
		_	1	
Black	21-999-812	1		
Key Locks For Bottom Bar				
,			1	
			9	
Unique Key	10-999-781	1		
Key Alike	10-999-780	1		
Blank Key For Bottom Bar Key Loci	·			
			193	
	10-999-782	1		
Key Locks For Intermediate Slat				
			0	\bigcirc
Unique Key	10-999-785	1		



Bottom Bar Accessories

Description	Product Code	Pack Quantity	
Blank Key For Intermediate Slat Ke	y Lock		
	10-999-780	1	
12mm x 3mm Aluminium Flat Bar Fo	or Key Locking Bar		_
	21-116-500	By The Metre	
Chrome D Handle For Bottom Bar			
	21-103-221	1	
Dip Handle For Intermediate Slat/B	ottom Bar		
	21-999-221	1	
Rubber Insert For Bottom Bar			
	21-110-510	120 x 6m Lengths = 720m	
CW Products Rubber Insert For 77r	nm Widespan Bottom Bar		
	21-110-513	1 x 100m Roll	
Felt Insert For Bottom Bar			
	21-110-525	1 x 500m Roll	
Steel Weight Bar			
	10-999-820	1 x 300mm Length	





Description	Product Code	Pack Quantity	
CW Products 137mm Pelmet Back Cream Clear Beige White Black	20-101-099 20-102-199 20-103-299 20-110-599	5 x 5.8m = 29m 5 x 5.8m = 29m 5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 150mm Pelmet Back			
Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-100 20-114-101 20-102-200 20-103-300 20-104-600 20-105-500 20-110-600 20-115-100	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 165mm Pelmet Back			•••••
Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-101 20-114-102 20-102-201 20-103-301 20-104-601 20-105-501 20-110-601 20-115-101	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 180mm Pelmet Back			
Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-102 20-114-103 20-102-202 20-103-302 20-104-602 20-105-502 20-110-602 20-115-102	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 205mm Pelmet Back			
Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-103 20-114-104 20-102-203 20-103-303 20-104-603 20-105-503 20-110-603 20-115-103	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 230mm Pelmet Back			••••••
Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-116 20-114-105 20-102-216 20-103-316 20-104-604 20-105-504 20-110-604 20-115-104	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 250mm Pelmet Back			
Cream Magnolia Cream Clear Beige White Grey Brown Black Silver Woodland Grey	20-101-117 20-114-250 20-102-217 20-103-317 20-104-605 20-105-505 20-110-605 20-111-106 20-115-105	5 x 5.8m = 29m 5 x 5.8m = 29m	(





Description	Product Code	Pack Quantity	
CW Products 137mm Pelmet Cover Cream Clear Beige White Black	20-101-149 20-102-249 20-103-349 20-110-649	5 x 5.8m = 29m 5 x 5.8m = 29m 5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 150mm Pelmet Cover Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-150 20-114-151 20-102-250 20-103-350 20-104-650 20-105-550 20-110-650 20-115-150	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 165mm Pelmet Cover Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-151 20-114-152 20-102-251 20-103-351 20-104-651 20-105-551 20-110-651 20-115-151	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 180mm Pelmet Cover Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-152 20-114-153 20-102-252 20-103-352 20-104-652 20-105-552 20-110-652 20-115-152	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 205mm Pelmet Cover Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-153 20-114-154 20-102-253 20-103-353 20-104-653 20-105-553 20-110-653 20-115-153	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 230mm Pelmet Cover Cream Magnolia Cream Clear Beige White Grey Brown Black Woodland Grey	20-101-166 20-114-155 20-102-266 20-103-366 20-104-654 20-105-554 20-110-654 20-115-154	5 x 5.8m = 29m 5 x 5.8m = 29m	
CW Products 250mm Pelmet Cover Cream Magnolia Cream Clear Beige White Grey Brown Black Silver Woodland Grey	20-101-167 20-114-251 20-102-267 20-103-367 20-104-655 20-105-555 20-110-655 20-111-156 20-115-155	5 x 5.8m = 29m 5 x 5.8m = 29m	



Pelmet Side Frames

Description	Product Code	Pack Quantity	
CW Products 137mm Pelmet Side F	rame		36 A
Cream	21-101-137	12 Pairs	Fig. A
Clear Beige	21-102-137	12 Pairs	2
White Black	21-103-137 21-110-137	12 Pairs 12 Pairs	43
W Products 150mm Pelmet Side F		12 1 0113	Ų
Cream	rame 21-101-150	12 Pairs	
Magnolia Cream	21-114-150	12 Pairs	35 4
Clear Beige	21-102-170	12 Pairs	T :: \ A
White	21-103-219	12 Pairs	5
Grey Brown	21-104-150 21-105-370	12 Pairs 12 Pairs	
Black	21-110-150	12 Pairs	ليها
Woodland Grey	21-115-150	12 Pairs	
W Products 165mm Pelmet Side F	rame		
Cream	21-101-151	12 Pairs	36 A
Magnolia Cream Clear Beige	21-114-165 21-102-171	12 Pairs 12 Pairs	F . A
White	21-102-171	12 Pairs	1 00 3
Grey	21-104-165	12 Pairs	A5°
Brown	21-105-371	12 Pairs	
Black Woodland Grey	21-110-165 21-115-165	12 Pairs 12 Pairs	
		14 1 011 3	
W Products 180mm Pelmet Side F		40 D-!	
Cream Magnolia Cream	21-101-152 21-114-180	12 Pairs 12 Pairs	36 A
Clear Beige	21-102-172	12 Pairs	A
White	21-103-216	12 Pairs	
Grey	21-104-180	12 Pairs	45°
Brown Black	21-105-372 21-110-180	12 Pairs 12 Pairs	<u>U</u>
Woodland Grey	21-115-180	12 Pairs	
W Products 205mm Pelmet Side F	rame	-	
Cream	21-101-153	12 Pairs	a A -1
Magnolia Cream	21-114-205	12 Pairs	
Clear Beige	21-102-173	12 Pairs	Fl
White Grey	21-103-217 21-104-205	12 Pairs 12 Pairs	45
Brown	21-104-203	12 Pairs	
Black	21-110-205	12 Pairs	<i>S</i>
Woodland Grey	21-115-205	12 Pairs	
W Products 230mm Pelmet Side F	rame		
Cream	21-101-154	12 Pairs	36 A 7
Magnolia Cream	21-114-230	12 Pairs	
Clear Beige White	21-102-175 21-103-120	12 Pairs 12 Pairs	F . J I
Grey	21-103-120	12 Pairs	5-1-250
Brown	21-105-374	12 Pairs	
Black Woodland Gray	21-110-230	12 Pairs	
Woodland Grey	21-115-230	12 Pairs	
W Products 250mm Pelmet Side F		40.5 :	
Cream Magnolia Cream	21-101-155 21-114-250	12 Pairs 12 Pairs	36 A
Clear Beige	21-114-230	12 Pairs	A
White	21-103-218	12 Pairs	
vviiite			Y deto
Grey	21-104-250	12 Pairs	4
	21-104-250 21-105-376 21-110-231	12 Pairs 12 Pairs 12 Pairs	



Pelmet Side Frames

Description	Product Code	Pack Quantity	
Mill Finish Pelmet Side Frames			
137mm CW Products Mini Leg	21-116-277	20 Pairs	
150mm CW Products Mini Leg	21-116-278	12 Pairs	
165mm CW Products Mini Leg	21-116-279	12 Pairs	26 A
180mm CW Products Mini Leg	21-116-280	12 Pairs	5 . NA
205mm CW Products Mini Leg	21-116-281	12 Pairs	H @]
230mm CW Products Mini Leg	21-116-282	12 Pairs	7
250mm CW Products Mini Leg	21-116-569	10 Pairs	
300mm CW Products Mini Leg	21-116-608	10 Pairs	
250mm Stafer Mini Leg	21-116-565	10 Pairs	
250mm Stafer Standard Leg	21-116-605	10 Pairs	
300mm Stafer Standard Leg	21-116-606	5 Pairs	
300mm CW Products Standard Leg	21-116-607	8 Pairs	
Mill Finish Centre Plate			
150mm	21-116-543	1	
165mm	21-116-544	1	10 0
180mm	21-116-545	1	18
205mm	21-116-546	1	44 7

Related Products

200mm x 150mm x 2mm



Guide Entry Flares See page 22



Axle End Caps See page 27-30



21-999-500

Axle End Cap Bearings

See page 31



Woodland Grey

Description	Product Code	Pack Quantity	
	_	ne & 42mm Double Line Profiles	
Cream	21-119-093	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Magnolia Cream	21-114-193	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Clear Beige	21-102-193	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
☐ White	21-103-257	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Grey	21-104-193	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Brown	21-105-431	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Black	21-110-100	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Mill Finish	21-116-693	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Anodised Silver	21-111-193	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
■ Woodland Grey	21-115-101	6 x 5.8m = 34.8m	
/ Products 68mm x 22mm/15m	m Guide With Felt For 42mm S	ingle Line & 42mm Double Line Pi	rofiles
Cream	21-101-007	6 x 5.8m = 34.8m	
Magnolia Cream	21-114-127	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Clear Beige	21-102-127	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
White	21-103-127	6 x 5.8m = 34.8m	
Grey	21-104-127	6 x 5.8m = 34.8m	
■ Brown	21-105-127	6 x 5.8m = 34.8m	
Black	21-110-127	6 x 5.8m = 34.8m	
Anodised Silver	21-111-127	6 x 5.8m = 34.8m	
■ Woodland Grey	21-115-127	6 x 5.8m = 34.8m	
■ Magnolia Cream ■ Clear Beige	21-114-531 21-102-194	4 x 5.8m = 23.2m 4 x 5.8m = 23.2m	
•		4 x 5.8m = 23.2m 4 x 5.8m = 23.2m	
White	21-103-258 21-104-531	4 x 5.8m = 23.2m	
Grey			
Black	21-110-124	$4 \times 5.8 \text{m} = 23.2 \text{m}$	
Anodised Silver	21-111-531	$4 \times 5.8 \text{m} = 23.2 \text{m}$	
■ Woodland Grey	21-115-531	4 x 5.8m = 23.2m	
Products 68mm x 25mm/18m	m Guide With Felt For 55mm V	/idespan & 50mm Extruded Vision	n Profiles
Cream	21-101-126	$8 \times 5.8 m = 46.4 m$	
Magnolia Cream	21-114-532	$8 \times 5.8 m = 46.4 m$	
Clear Beige	21-102-196	$8 \times 5.8 m = 46.4 m$	
White	21-103-256	$8 \times 5.8 m = 46.4 m$	
Grey	21-104-532	$8 \times 5.8 \text{m} = 46.4 \text{m}$	
■ Black	21-110-532	$8 \times 5.8 \text{m} = 46.4 \text{m}$	
Anodised Silver	21-111-532	$8 \times 5.8 m = 46.4 m$	
Woodland Grey	21-115-532	8 x 5.8m = 46.4m	
/ Products 68mm x 22mm Hea	vy Duty Cyclone Guide With Fe	t For CycloneSafe™ Roller Shutter	S
Cream	21-101-005	4 x 5.8m = 23.2m	
Magnolia Cream	21-114-125	4 x 5.8m = 23.2m	
Clear Beige	21-102-125	4 x 5.8m = 23.2m	
White	21-103-125	4 x 5.8m = 23.2m	-
Grey	21-104-125	4 x 5.8m = 23.2m	
■ Black	21-110-005	4 x 5.8m = 23.2m	
Anodised Silver	21-111-125	$4 \times 5.8 \text{m} = 23.2 \text{m}$	
Moodland Grov	21-111-125	$4 \times 5.8m = 23.2m$	

 $4 \times 5.8 m = 23.2 m$

21-115-125

Guides



Description	Product Code	Pack Quantity	
Products 105mm x 37mm/26r	mm Guide With Felt For 77mm	Widespan Profile	
] Cream	21-101-128	4 x 5.8m = 23.2m	
Clear Beige	21-102-128	$4 \times 5.8 m = 23.2 m$	
] White	21-103-128	$4 \times 5.8 m = 23.2 m$	
] Grey	21-104-128	$4 \times 5.8 m = 23.2 m$	
Brown	21-105-128	$4 \times 5.8 m = 23.2 m$	
Black	21-110-128	$4 \times 5.8 m = 23.2 m$	
Silver	21-111-128	$4 \times 5.8 m = 23.2 m$	
Woodland Grey	21-115-128	$4 \times 5.8 m = 23.2 m$	
Cream	ie With Feit With 41mm Front F 21-101-006	lange For 42mm Single Line & 42 $6 \times 5.8m = 34.8m$	2mm Double Line Profile
Magnolia Cream	21-114-006	6 x 5.8m = 34.8m	
Clear Beige	21-102-006	6 x 5.8m = 34.8m	
White	21-103-006	6 x 5.8m = 34.8m	
Grey	21-104-006	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Brown	21-105-006	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Black	21-110-006	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Anodised Silver	21-111-006	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Woodland Grey	21-115-006	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Products 79mm x 22mm Douk	ole Centre Guide (Split Shutters)	With Felt For 42mm Single Line	& 42mm Double Line Pro
Cream	21-101-120	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Magnolia Cream	21-114-120	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Clear Beige	21-102-190	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
] White	21-103-245	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Grey	21-104-120	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
Brown	21-105-425	$6 \times 5.8 \text{m} = 34.8 \text{m}$	
	21-110-120	6 x 5.8m = 34.8m	

Related Products



Guide Entry Flares See page 22



Guide Inserts See page 22



Guide Hole Caps See page 22



Guide Stoppers See page 22



Guide Accessories

Description	Product Code	Pack Quantity		
Guide Entry Flare (Mini Side Frame) For	53mm x 22mm Guides			
White	21-103-242	200 Pairs		
CW Products Guide Entry Flare (Mini Sic	de Frame) For 68mm x 25	mm/14mm & 68mm x 22mm/1	5mm Guides	
White	21-103-261	200 Pairs		
Guide Entry Flare (Standard Side Frame))			
White	21-103-244	200 Pairs	4	
Guide Entry Flare With Strap Diverting I	Roller (Mini Side Frame) F	or 53mm x 22mm Guides		
White	21-103-241	200 Pairs		
CW Products Guide Entry Flare With Ro	ller (Mini Side Frame) For	53mm x 22mm Guides		
White	21-103-243	200 Pairs		
Guide Stoppers For CW Products Guide	s			
Black (For 53mm x 22mm Guide) Black (For 68mm x 22mm/15mm Guide)	21-110-519 e) 21-110-111	100 100		
Hole Caps For Guides				••••
Cream Clear Beige White Grey Brown Green Red Black Deep Ocean Woodland Grey	21-101-130 21-102-200 21-103-270 21-104-400 21-105-440 21-107-500 21-108-500 21-110-500 21-113-130 21-115-130	500 500 500 500 500 500 500 500 500		
Felt For Guides				
For All CW Products Standard Guides For CW Products	21-110-523	1 x 400m Roll		
105mm x 37mm/26mm Guide Only	21-110-524	1 x 100m Roll	· · · · · · · · · · · · · · · · · · ·	
Rubber For Guides				
	21-110-512	1 x 1040m Roll		
CW Products Guide Rollers				
	21-110-110	1 Pair		



Angles, Flashings & Tubes

Description	Product Code	Pack Quantity	
CW Products Bay Window Flashir	ng		
Cream	21-490-101	1 x 2.4m Length	
Magnolia Cream	21-490-114	1 x 2.4m Length	
Clear Beige	21-490-102	1 x 2.4m Length	
White	21-490-103	1 x 2.4m Length	
Grey	21-490-104	1 x 2.4m Length	
Brown	21-490-105	1 x 2.4m Length	
Black	21-490-103	1 x 2.4m Length	
Woodland Grey	21-490-115	1 x 2.4m Length	
Woodiand Grey	21-470-113	T X 2.4III Leligtii	
W Products 25mm x 25mm x 1.6	ómm Angle		
Cream	21-425-101	1 x 5.8m Length	
Magnolia Cream	21-425-114	1 x 5.8m Length	
Clear Beige	21-425-102	1 x 5.8m Length	
White	21-425-103	1 x 5.8m Length	
Grey	21-425-104	1 x 5.8m Length	
Brown	21-425-105	1 x 5.8m Length	
Black	21-425-103	1 x 5.8m Length	
Woodland Grey	21-425-115	1 x 5.8m Length	
W Products 25mm x 50mm x 1.6	ómm Angle		
Cream	21-450-101	1 x 5.8m Length	
Magnolia Cream	21-450-114	1 x 5.8m Length	
Clear Beige	21-450-102	1 x 5.8m Length	
White	21-450-103	1 x 5.8m Length	
Grey	21-450-104	1 x 5.8m Length	
Brown	21-450-105	1 x 5.8m Length	
Black	21-450-110	1 x 5.8m Length	
Woodland Grey	21-450-115	1 x 5.8m Length	
WB			
CW Products 25mm x 70mm x 1.6			
Cream	21-470-101	1 x 5.8m Length	
Magnolia Cream	21-470-114	1 x 5.8m Length	
Clear Beige	21-470-102	1 x 5.8m Length	
White	21-470-103	1 x 5.8m Length	
Grey	21-470-104	1 x 5.8m Length	
Brown	21-470-105	1 x 5.8m Length	
Black	21-470-110	1 x 5.8m Length	
Woodland Grey	21-470-115	1 x 5.8m Length	
:W Products 40mm x 40mm Squ	are Tube		
Mill Finish	21-480-100	1 x 6.5m Length	
W Products 50mm x 50mm Squa	are Tube		
Mill Finish	21-480-101	1 x 6.5m Length	
<u> </u>	21-700°101	i A O.Om Length	
			~



Flashing, Pelmet & Mounting Rivets

Description	Product Code	Pack Quantity	
CW Products Flashing, Pelmet & Mo	unting Rivets		
Cream 3.2mm x 8.2mm	70-500-101	1000	
Clear Beige 3.2mm x 8.2mm	70-500-102	1000	
White 3.2mm x 8.2mm	70-500-103	1000	
Grey 3.2mm x 8.2mm	70-500-128	1000	
Brown 3.2mm x 8.2mm	70-500-105	1000	
Black 3.2mm x 8.2mm	70-500-110	1000	
Mill Finish 3.2mm x 8.2mm	70-500-116	1000	
Mill Finish 4mm x 10.5mm	70-500-104	1000	

Brackets

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

Aluminium Axles

Axle End Caps

See page 27-30

Axle End Cap Bearings

See page 31



Description	Product Code	Pack Quantity	
40mm Octagonal Extruded Alumi	nium Axle		
Anodised Silver	22-999-100	1 x 5.8m Length	
47mm Round Extruded Aluminiun	n Axle		
Anodised Silver	22-999-102	1 x 5.8m Length	
50mm Round Extruded Aluminium	n Fluted Axle		
Anodised Silver	22-999-103O	1 x 5.8m Length	
60mm Octagonal Extruded Alumi	nium Standard Axle		
Anodised Silver	22-999-101L	1 x 5.8m Length	
60mm Octagonal Extruded Alumi	nium Heavy Duty Axle		
Anodised Silver	22-999-101H	1 x 5.8m Length	
Related Products			

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Tubular Motors

See page 44-46





Description	Product Code	Pack Quantity	
40mm Octagonal Roll Formed Galv	vanised Steel Axle		
Mill Finish 0.8mm Thickness	22-999-104	1 x 5.8m Length	
60mm Octagonal Roll Formed Galv	vanised Steel Axle		
Mill Finish 0.6mm Thickness Mill Finish 0.8mm Thickness	22-999-105 22-999-106	1 x 5.8m Length 1 x 5.8m Length	E CENTER OF
70mm Octagonal Welded Galvanis	ed Steel Axle		
Mill Finish 1.2mm Thickness	22-999-107W	1 x 5.8m Length	
101.6mm Round Welded Galvanise	d Steel Axle		
Mill Finish 2mm Thickness	22-999-108	1 x 5.8m Length	

Related Products







Axle End Cap Bearings See page 31



Tubular Motors See page 44-46





	Description	Product Code	Pack Quantity	
	60mm Octagonal Aluminium Axle	End Cap		
		22-999-155	50	58
	40mm Octagonal Axle End Cap Fo	or Pulley		
		22-999-180	100	88
	40mm Octagonal Square Hole Axl	e End Cap For Gear Ace		
		22-999-182	100	
\bigcirc	40mm Octagonal Axle End Cap Fo	or Bearing 28		_
		22-999-185	100	
	50mm Round Axle End Cap With E	Bearing		
	•	22-999-148	100	
	60mm Octagonal Axle End Cap W	ith Bearing 28		

60mm Octagonal Axle End Cap With Joints (Double Cap For Bay Window)

22-999-191

10

100

22-999-658



Axle End Caps

Description	Product Code	Pack Quantity		
60mm Octagonal Axle End Cap W				
	22-999-192	25	0.000	
60mm Octagonal Axle End Cap W	th Pivot 12			•••
	22-999-194	100		
60mm Octagonal Axle End Cap W	th Stiffener (Plastic)			••
	22-999-197	50	200	\bigcirc
60mm Octagonal Axle End Cap W	th Stiffener (Aluminium)			
	22-999-198	50	200	
60mm Octagonal Adjustable Axle	End Cap With Pivot (Galvanised	d)		
	22-999-199	100	20 20	
60mm Octagonal Axle End Cap W	ith Pivot (Plastic)			•••
	22-999-200	100	21 20 1	

Axle End Caps



Description	Product Code	Pack Quantity	
60mm Octagonal Axle End Cap Fo		rack Quantity	
	22-999-201	200	
60mm Octagonal Square Hole Axl	e End Cap For Gear Ace (Alumi	nium)	<u>~</u>
	22-999-202	100	
60mm Octagonal Square Hole Axl	e End Cap For Gear Ace (Plastic	c)	<i>→</i>
	22-999-203	200	
70mm Octagonal Axle End Cap W	ith Stiffener (Double Cap For S	plit Shutters)	
	22-999-210	25	300
70mm Octagonal Axle End Cap W	ith Stiffener (Plastic)		
	22-999-212	50	20 20
70mm Octagonal Axle End Cap W	ith Stiffener (Aluminium)		
	22-999-213	25	20 20



Axle End Caps

Description	Product Code	Pack Quantity		
70mm Octagonal Axle End Cap V		rack Quantity		
	22-999-215	100	20 20	
70mm Octagonal Axle End Cap V	Nith Pivot (Plastic)			
	22-999-216	100	22 20 1	
70mm Octagonal Square Hole Ax	xle End Cap (Aluminium)			••
	22-999-217	100		
97mm Round Adjustable Bobbin	For 101.6mm Steel Axle			
	31-999-356	1		
47mm Round Axle Support Beari	ng For Split Shutters			••
	22-999-126	200		
40mm Octagonal Axle Support E	Bearing For Split Shutters			
	22-999-127	100	22	
60mm/40mm Axle End Coupling	Cap For Split Shutters			
	22-999-181	200	< 0 61	



Axle End Cap Bearings

Description	Product Code	Pack Quantity	
42mm Nylon 12 Bearing	22-999-120	100	
42mm Steel 12 Bearing	22-999-121	100	
28mm Nylon 12 Bearing	22-999-122	400	
28mm Steel 12 Bearing	22-999-124	400	
28mm Sealed 12 Bearing	22-999-130	10	Ø 28



Bearing & Bobbin Holder Brackets

Description	Product Code	Pack Quantity		
42mm Bearing Holder Bracket To Screw With Tabs	21-999-731	100	1200	
42mm Bearing Holder Bracket To Screw Without Tabs	21-999-732	100	12 0	
42mm Bearing Holder Bracket 100mm x 100mm Plate	21-999-750	100		
42mm Bearing Holder Bracket 100mm x 100mm Plate With Pivot	21-999-751	100		
97mm Round Adjustable Bobbin Hold	ler Bracket 21-999-752	1		





Description	Product Code	Pack Quantity	
Pulley For Octagonal Axle End Ca	p		
125mm Octagonal 60 + 40	22-999-310	100	
140mm Octagonal 60 + 40	22-999-320	100	
155mm Octagonal 60 + 40	22-999-330	100	
170mm Octagonal 60 + 40	22-999-340	100	
190mm Octagonal 60 + 40	22-999-360	100	16
Pulley For Round Axle End Cap			
GK 150-H	22-999-410	100	
GK 165-H	22-999-411	100	
GK 180-H	22-999-412	100	
GK 205-H	22-999-413	50	
Heavy Duty 116-H	22-999-414	100	
Heavy Duty 160-H	22-999-415	100	
Pulley For Steel Cable & 60mm Oc	tagonal Axle		
150mm + Bearing	22-999-420	25	
180mm + Bearing	22-999-440	25	





Description	Product Code	Pack Quantity	
Ring Adaptor For Axles			
101mm Octagonal 70	22-999-501	100	
130mm Octagonal 70	22-999-502	100	
80mm Octagonal 60	22-999-504	200	
O' Ring Adaptor For Axles			
O' Octagonal 60mm	22-999-499	200	
O' Octagonal 50mm	22-999-500	300	



Assist Springs

Description	Product Code	Pack Quantity	
Assist Spring For Axles (Supplied With	Block U Bolt)		
6kg Octagonal 40mm, L = 500mm	22-999-551	10	
10kg Octagonal 40mm, L = 600mm	22-999-552	10	
17kg Octagonal 40mm, L = 710mm	22-999-553	10	
18kg Octagonal 60mm, L = 860mm	22-999-559	5	
24kg Octagonal 60mm, L = 860mm	22-999-560	5	
34kg Octagonal 60mm, L = 940mm	22-999-561	5	
32kg Octagonal 70mm, L = 940mm	22-999-563B	5	
45kg Octagonal 70mm, L = 1130mm	22-999-564	5	
75kg Octagonal 70mm, L = 1270mm	22-999-566	5	
100kg Octagonal 70mm, L = 1030mm	22-999-570	5	
Hunter Douglas 60mm Octagonal Assis	st Spring		
L = 750mm RU	22-999-545	10	
L = 1200mm RU	22-999-546	10	
L = 1800mm RU	22-999-547	10	
Block U Bolt For Assist Spring			
	22-999-135	1	
100mm x 100mm Plate For Assist Sprin	ng		
	22-999-260	1	
Hunter Douglas Universal Mounting Br	acket		
	22-999-548	1	



Manual Controls & Accessories

		D 10 10		
Description Nylon Cord Control Box (Coiler)	Product Code	Pack Quantity	C. B.	
5m Cord, White No Cord, White	23-103-100 23-103-102	25 25	151	
Strap Control Box (Coiler)) I	
5m Strap, White No Strap, White	23-103-155 23-103-103	25 25	451	
Nylon Cord Control Box (Winch)				
5m Cord, White No Cord, White	23-103-210 23-103-213	20 20	\$ 3 . S	
Strap Control Box (Winch)				
5m Strap, White No Strap, White	23-103-211 23-103-212	20 20	A C B	
Handles For Winches For Strap & Core	d Winders		Mar. Mar.	
Nick Square 8, Black Short Handle Nick Square 8, Black	23-110-411 23-110-412	50 20		
Steel External Cable Winder				
With Handle 1:2, Beige	23-106-402	20	A	



Manual Controls & Accessories

Description	Product Code	Pack Quantity	
Steel Cable Winder (Salento)			
Salento 50kg	23-999-602	20	
ron Box For Salento	23-999-420	20	
Salento Cover, Cream	23-999-450	20	
Handle For Salento			
	23-999-520	100	
Steel Cable Winder (Madrid)			
4 1:150	00 000 (00		•
Madrid 50kg Box For Madrid	23-999-630 23-999-430	20 20	
Madrid Cover, Cream	23-999-455	20	
	20 /// 100		
Handle For Madrid			
	23-999-530	100	
Gear Ace Control Boxes			
144.0	02.000.400		
:11 Octagonal 15/Square 8	23-999-480	20	
:5 Octagonal 15/Square 8 :8 Octagonal 15/Square 8	23-999-481 23-999-482	20 20	
ilo Octagoriai 13/3quare o	23-777-40Z	20	



Strap Control Accessories

Description	Product Code	Pack Quantity		
Guide Strap Mini Without Brush			9	
☐ White	23-103-173	500		
Straight Guide Strap Roller With Tub	e		26	
White	23-103-175	500		
Guide Strap Plug				•••
☐ White	23-103-177	100	36	
Adjustable Tape Guide				
White	23-103-180	1		
Side Entry Roller			(FS)	
Black	23-103-181	1		



Strap Control Accessories

Description	Product Code	Pack Quantity	
Diamond Guide Strap Roller W	ith Tube Adaptor (Plastic)		36
White	23-103-185	100	
Diamond Guide Strap Roller (P	lastic)		36
White	23-103-174	500	8
IR Roller			
White	23-103-182	100	
Protective Tube For Strap & Co	ord		
White	70-200-503	1 x 2m Length	
13mm Strap For Roller Shutter	s		9
Grey	23-104-259	1 x 150m Roll	



Cord Control Accessories

Guide Braid For Mini Side Frame White 23-103-170 500 Roller Guide For Cord White 23-103-171 500	\bigcirc		Pagle Quantity	Product Code	Description
White 23-103-170 500 Roller Guide For Cord		29—1	Pack Quantity	Product Code	Description Civil Build For Mini Side Forms
Roller Guide For Cord		04			Guide Braid FOI Willii Side Frame
4			500	23-103-170	White
White 23-103-171 500		44			Roller Guide For Cord
_18-1			500	23-103-171	White
Diamond Bearing For Cord		<u>18</u> -			Diamond Bearing For Cord
		8			
White 23-103-186 100			100	23-103-186	White
Flexible Spring		- A			Flexible Spring
L = 100mm x 1.2mm 23-999-582 100 L = 250mm x 1.2mm 23-999-583 100			100	23-999-583	L = 250mm x 1.2mm
L = 1000mm x 1.2mm 22-999-640 100			100	22-999-640	L = 1000mm x 1.2mm
Protective Tube For Cord & Strap					Protective Tube For Cord & Strap
White 70-200-503 1 x 2m Length			1 x 2m Length	70-200-503	White
4.5mm Cord For Roller Shutters					4.5mm Cord For Roller Shutters
☐ White 23-103-201 1 x 100m Roll			1 x 100m Roll	23-103-201	White



Crank Handles & Accessories

Description	Product Code	Pack Quantity	
Crank Handle With Hook			
L = 160cm	23-999-521	10	
Nickel Plated Crank Handle For Use	With Universal Joint		8
	23-104-255	20	
Handle Lock (Nylon)			30
Grey	23-104-258	200	433 600 700 700 700 700 700 700 700 700 700
Joint 90 Nick 2 Screw Square Shaf	t		90°
	23-104-256	20	22 45° 8° 8° 90° 22 8° mm
Joint 90 Nick 4 Screw Square Shaf	t		90°
	23-104-257	20	22 80 gs
Joint 90 Nick 2 Screw Universal He	exagonal Shaft		90°
	23-999-545	20	22 88 88 88 88 88 88 88 88 88 88 88 88 8



Crank Handles & Accessories

Description	Product Code	Pack Quantity	
Bell Coupling For Universal Joint	23-999-440	200	232
Pivot For Universal Joint	23-999-546	200	Ø 13.9



Steel Cable Winch Accessories

Description	Product Code	Pack Quantity	
Frontal Rope Guide For Steel Cabl	e Winders (Plastic)		29
	23-999-500	100	Ø 12
Spacer For Frontal Rope Guide Fo	r Steel Cable Winders		-29
	23-999-570	100	29
Projection Tube For Steel Cable W	'inders		Ø 12
L = 2000mm	23-999-590	50	<u></u>
2mm Multi Strand Stainless Steel G	Cable		
Stainless Steel	23-106-403	1 x 305m Roll	



SIMU Tubular Motors

9Nm, 12rpm

13Nm, 8rpm

Des	cription	Voltage	Product Code		
.5 - Standard	240V Motors With Me	chanical Limits			
	3Nm, 25rpm	240V	30-999-303		
imu.	4Nm, 12rpm	240V	30-999-304	8	
Committed to you	6Nm, 12rpm	240V	30-999-302	00,1	
	9Nm, 12rpm	240V	30-999-301		
5 - Standard 2	40V Motors With Mecl	nanical Limits			
	6Nm, 32rpm	240V	30-999-311		
	8Nm, 17rpm	240V	30-999-312		
	10Nm, 17rpm	240V	30-999-313		
imu	15Nm, 17rpm	240V	30-999-315		
Committed to you	_ 20Nm, 17rpm	240V	30-999-316	9	
	35Nm, 17rpm	240V	30-999-320	•	
	50Nm, 12rpm	240V	30-999-323		
- Standard 2	40V Motors With Mech	nanical Limits			
	80Nm, 12rpm	240V	30-999-349		
imu	100Nm, 12rpm	240V	30-999-353		
Committed to you	_ 120Nm, 12rpm	240V	30-999-355	0	
Auto - 240V	Motors With Automat	ic Limits & Obstacle D	etection		
	10Nm, 17rpm	240V	30-801-510		
imu.	20Nm, 17rpm	240V	30-801-520		
Committed to you	-	2101	00 00 1 020		
E - 240V Mo	tors With Electronic Li	mits & Obstacle Dete	ction		
	10Nm, 17rpm	240V	30-802-510		
•	20Nm, 17rpm	240V	30-802-520		
imu	35Nm, 17rpm	240V	30-802-535		
Committed to you	50Nm, 12rpm	240V	30-802-550		
3.5 Hz02 - 240	OV Motors With Integra	ted Radio Receiver &	Electronic Limits		
	3Nm, 25rpm	240V	30-902-303		
	4Nm, 12rpm	240V	30-902-304		
imu.	9Nm 12rpm	240V	30-702-304	0	

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30-902-309

30-902-313

240V

240V





SIMU Tubular Motors

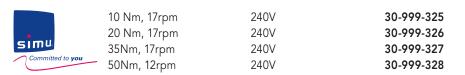
Description		Voltage	Product Code	
T5 Hz02 - 240V Motors	With Integrate	ed Radio Receiver & Ele	ectronic Limits	
8Nm	17rpm	240V	30-902-508	
	n, 17rpm	240V	30-902-515	
simu 25Nr	n, 17rpm	240V	30-902-525	
	n, 17rpm	240V	30-902-535	
50Nr	n, 12rpm	240V	30-902-550	







T5 E Hz - 240V Motors With Integrated Radio Receiver, Electronic Limits & Obstacle Detection





T5 DMI - 240V Motors With Manual Override

	15Nm, 17rpm	240V	30-999-324
•	25Nm, 17rpm	240V	30-999-318
simu	40Nm, 12rpm	240V	30-999-321
Committed to you	50Nm, 12rpm	240V	30-999-322



T6 DMI - 240V Motors With Manual Override

	80Nm, 12rpm	240V	30-999-350
simu	100Nm, 12rpm	240V	30-999-352
Committed to you	120Nm, 12rpm	240V	30-999-356



T5 DMI Hz01 - 240V Motors With Manual Override & Integrated Radio Receiver

SIMU.	10Nm, 17rpm 25Nm, 17rpm 35Nm, 17rpm 50Nm, 12rpm	240V 240V 240V 240V	30-900-510M 30-900-525M 30-900-535M 30-900-550M
	Julin, Izipin	240 V	30-900-5501



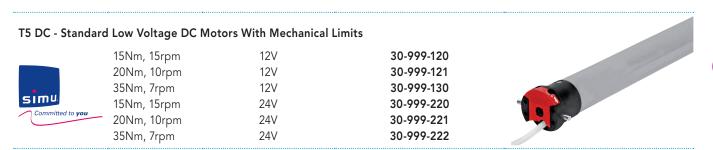


SIMU Tubular Motors

Desc	ription	Voltage	Product Code	
T6 DMI Hz01 - 2	40V Motors With N	Nanual Override & Integra	ated Radio Receiver	
SIMU Committed to you	80Nm, 12rpm 100Nm, 12rpm 120Nm, 12rpm	240V 240V 240V	30-902-6080M 30-902-6100M 30-902-6120M	

T3.5 DC - Standard Low Voltage DC Motors With Mechanical Limits





T3.5 E Hz DC - Low Voltage DC Motors With Integrated Radio Receiver, Electronic Limits & Obstacle Detection







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DMI Manual Override Motors Accessories

Description	Product Code	Pack Quantity	
Eyelets For Motors With Manual	Override (DMI)		
Eyelet LG-165 Eyelet LG-325	31-999-302 31-999-300	1 1	d
Crank Handle With Hook For Use	With Eyelet Manual Override Sy	stem	
L = 160cm	23-999-521	1	
Crank Handle For Use With Secre	t Manual Override System		
L = 125cm	23-999-522	1	
Hexagonal Shaft For Use With Se	cret Manual Override System		
L = 220mm	31-999-912	1	
12mm Tube For Hexagonal Shaft	For Use With Secret Manual Ove	rride System	
	31-999-303	1	
7mm Hexagonal Adaptor For Use	With Secret Manual Override Sy	/stem	
	31-999-914	1	

Jan 2018



Tube Adaptor Sets & Brackets For SIMU T3.5 Motors

SIMU 40mm Octagonal Tube Adaptor Set For T3.5 Motor

31-999-245

SIMU Support Bracket For Side Frame For T3.5 Motor

29/48 + VIS

31-999-155

SIMU T3.5/T5 Tube Interface Adaptor

31-999-242

SIMU Bracket For Side Frame For T3.5 Motor

Delivered with 2 Plastite screws

48





Tube Adaptor Sets & Brackets For SIMU T5 Motors

Description	Product Code	
SIMU 50mm Round Tube Adaptor	Set For T5 Motor 31-999-252	Crown not necessary
SIMU 60mm Octagonal Tube Adap	otor Set For T5 Motor 31-999-255	
SIMU 70mm Octagonal Tube Adap	otor Set For T5 Motor 31-999-261	
SIMU Box Bracket For T5 Motor	31-999-157	4 Ø 4.2mm 4 Ø MS 3 MS
SIMU Bracket For T5 Manual Over	ride Motor (DMI) 31-999-151	



Tube Adaptor Sets & Brackets For SIMU T6 Motors

Product Code Description SIMU T5/T6 Tube Interface Crown Adaptor 31-999-122 SIMU 70mm Octagonal Tube Adaptor Set For T6 Motor 120Nm Max. 31-999-272 SIMU 101mm Round Tube Adaptor Set For T6 Motor 31-999-121 SIMU Bracket For T6 Manual Override Motor (DMI) 31-999-151 Delivered with 2 mounting screws SIMU Box Bracket For T6 Motor 31-999-169





SIMU Safety Brakes & Accessories

Description	Product Code	
SIMU Safety Brake		
95Nm	31-999-511	
147Nm	31-999-512	
70mm Octagonal Axle End Cap Fo	or SIMU Safety Brake	
	31-999-513	
SIMU Safety Brake Shaft For Use V	Vith 101.6mm Steel Axle	
	31-999-514	
SIMU Steel Washers For SIMU Safe	ety Brake Shaft For Use With 101.6mm	Steel Axle
	31-999-515	



Low Voltage DC Switch & Power Mechanisms

Description	Product Code	
CW Products 3 Position Rocker Swit	ch - 12V/24V	
Switch Mechanism Only Switch Mechanism + Vertical Plate Switch Mechanism + Horizontal Plate	41-999-326 41-999-002 41-999-003	100
Gel Cell 12V Battery		
12V 9Ah	41-500-107	
SolarSmart [™] Solar Panel		
3.2 Watt Solar Panel	41-999-126	
* 2 mounting brackets supplied with each solar pane	I	
CW Products Power Supply/Trickle	Charger 12V	
	41-999-120	
CW Products Power Supply/Trickle	Charger 24V	
	41-999-120-24V	

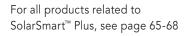




Low Voltage DC Switch & Power Mechanisms

Description	Product Code	
CW Products Connecting Set With	Fuse	
	41-999-130	
CW Products Smoke Alarm		
	41-999-305	
CW Products Group Control (Princi	ple Module)	
	41-999-001	
PowerSmart™ Control System Kits,	Components & Accessories	
		P@WERSMART CONTROL SYSTEM
For all products related to PowerSmart™, see page 60-64		PġWERSN

SolarSmart™ Plus Roller Shutter Automation Kits, Components & Accessories







240 Volt Switch Mechanisms

Description	Product Code	
Clipsal 39M 3 Position Toggle Switch		Q HI
	41-999-314	LO
Clipsal Series 2000 Switch Plate		
1 Gang 2 Gang 3 Gang 4 Gang	41-999-351 41-999-352 41-999-353 41-999-354	
CW Products 3 Position Rocker Switch	– P1	
Switch Mechanism Only Switch Mechanism + Vertical Plate Switch Mechanism + Horizontal Plate	41-999-327 41-999-004 41-999-005	To a
SIMU Universal Anti Burglar Key Switc	h	simu
	41-999-315U	
SIMU Relay For Controlling Motors With Multiple Switches		70.0
	41-999-325	• • • • •
CW Products Spring Return/Deadman	Rocker Switch	
Switch Mechanism Only Switch Mechanism + Vertical Plate Switch Mechanism + Horizontal Plate	41-600-101 41-999-006 41-999-007	
SIMU Standard Motor Limit Adjustment Switch		
	41-999-255	
SIMU E Series Motor Limit Adjustment	: Switch	
	41-999-307	<u> </u>

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SIMU 240V Group Controller For Up To 4 Motors

41-999-142





240 Volt Wiring Options

Product Code	
41-400-100	
Connector	
31-999-267	A
lotors	
41-999-600	
Jse With SIMU RSA Hz	.31
41-999-178	
	41-400-100 Connector 31-999-267 Motors 41-999-600 Use With SIMU RSA Hz



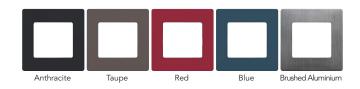
SIMU Hz Radio Controls & Accessories



Description	Product Code	
SIMU Hz Wall Transmitter		
1 Channel	41-999-402	interes (Control of Control of Co
5 Channel	41-999-430	
SIMU Hz Mobile Transmitter		
1 Channel	41-999-408	
5 Channel	41-999-414	
SIMU Memory Hz Wall Transmitter		<u>™394</u> .
	41-999-362	in the second se

SIMU Hz Wall Transmitter Colour Plate Options

41-999-423
41-999-424
41-999-510
41-999-511
41-999-403



SIMU Hz Mobile Transmitter Colour Plate Options

Anthracite	41-999-501
Taupe	41-999-502
Red	41-999-503
Blue	41-999-504
Brushed Aluminium	41-999-505









SIMU Color Multi 16 Channel Transmitter

White 41-999-364 Grey 41-999-366



SIMU Timer Easy 1 Channel Transmitter

White 41-999-381 Grey 41-999-382



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SIMU Hz Radio Controls & Accessories

Description	Product Code	
SIMU Timer Multi 6 Channel Trans	mitter	
White	41-999-370	
Grey	41-999-361	
SIMU Hz Dry Contact Transmitter		
	41-999-365	
* For integration with Home Automation Systems adding hard wired switches to Hz Radio Systems		
SIMU Hz Sequential Transmitter		
	41-999-265	simu
* Must be programmed in conjunction with a standard Hz Transmitter		
SIMU Hz Inline Receiver		45 120 24
	41-999-260	Anterior
		Hz receiver for Hz FRS motor
SIMU RSA Hz Controller		•
	41-999-154	• *********
SIMU TSA+ Hz 4 Channel Key Ring	g Transmitter	
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		
SIMU SA Hz Digicode Wireless Ke	y Pad	
	41-999-156	0 0 0 0 0 0 0 0 9
* Must be programmed in conjunction with a standard Hz Transmitter		simu
SIMU Hz Sun Sensor		ore on
	41-999-380	parent 1
* Delivered with suction cup		
SIMU Hz Micro Receiver		
For Roller Shutters For Lighting	41-999-392 41-999-393	
. 5. 19.009	TI-777'37'3	



Radio Control Systems & UPS

Description	Product Code		
240V S-05 Receiver & Control Unit			
External radio receiver/controller with multiple programming modes and ability to include safety features such as photocells	41-999-281		
2 Channel Transmitter For S-05			
	41-999-391		
4 Channel Transmitter For S-05			
	41-999-401		
Photocells For S-05 & SIMU RSA Hz	41-999-222		
240V UPS ECO PRO Battery Back Up			
For use with 240V standard switch operated motors. No relay is required.		Pr.	
1000 VA (Up To 600W) 1400 VA (Up To 840W)	41-999-701 41-999-702		
240V UPS PRO Battery Back Up			
For use with 240V SIMU Hz systems or other 240V systems with integrated radio receivers.		Pr.	
1000 VA (Up To 600W) 1400 VA (Up To 840W)	41-999-705 41-999-700	The state of the s	

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Radio Control Systems & UPS

Description	Product Code	
CW Products 240V Radio Receiver		
	41-500-173	
* Compatible with Sensi-Fire™ Wireless Shutter Safety System (see page 69)		
CW Products 1 Channel Remote C	ontrol Transmitter (Including Cradle)	
For use with CW Products Radio Receiver	41-500-100	marin
CW Products 6 Channel Remote C	ontrol Transmitter (Including Cradle)	
For use with CW Products Radio Receiver	41-500-106	and the same of th

 \Box



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.
- Single Windows or Bay Windows.

Features

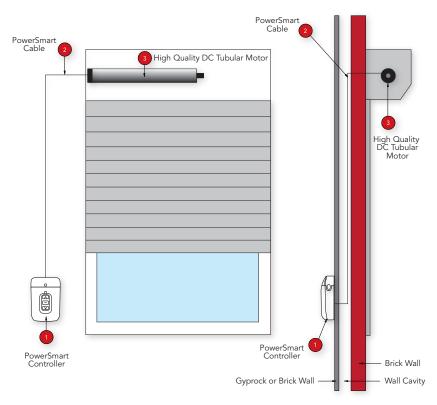
- All-in-one 12V control system & battery.
- Built-in radio receiver & rechargeable battery.
- Completely independent of mains power.
- Easy & quick to install.
- No need for electricians.
- Removable & rechargeable Lithium Ion battery.
- Recharge LED warning light.
- Easy to recharge like a mobile phone.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



\bigcirc

PowerSmart[™] Control System

${\bf PowerSmart}^{{\bf m}}\ {\bf Single}\ {\bf Window}\ {\bf System}\ {\bf At}\ {\bf A}\ {\bf Glance}$



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

Controller & Rechargeable Battery Pack

The PowerSmart $^{\text{\tiny{TM}}}$ Single Window System includes a controller, removable battery and PowerSmart $^{\text{\tiny{TM}}}$ charger.



Controller With Built-In Radio Receiver



Removable, Rechargeable Battery



Assembled Controller & Battery



Charger

Two Remote Control Options

Transmitters are powered by a 3 Volt Lithium button battery.



1 Channel Transmitter



6 Channel Transmitter

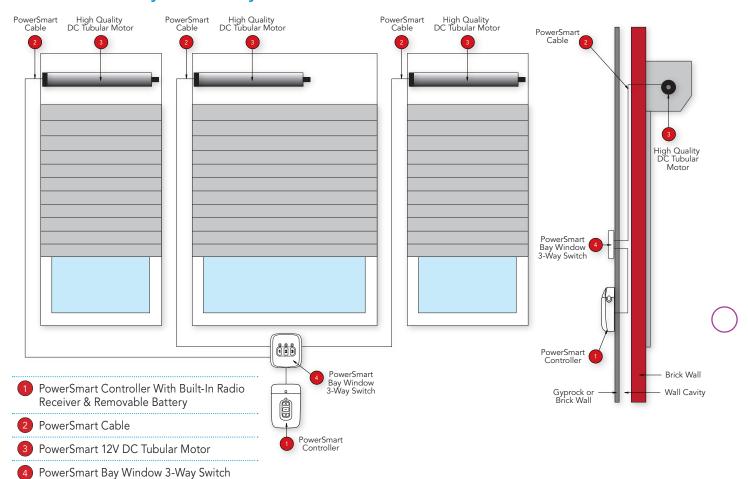
PowerSmart controllers must be installed in an indoor environment (for internal use only).

* Compatible with Sensi-Fire Wireless Shutter Safety System. See page 69



PowerSmart[™] Control System

PowerSmart[™] Bay Window System At A Glance



Controller, Switch & Rechargeable Battery Pack

The PowerSmart™ Bay Window System includes a controller, 3-way switch, removable battery and PowerSmart™ charger.



Controller With Built-In Radio Receiver



Removable, Rechargeable Battery



Assembled Controller & Battery



PowerSmart Bay Window 3-Way Switch

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

Two Remote Control Options

Transmitters are powered by a 3 Volt Lithium button battery.



1 Channel Transmitter



6 Channel Transmitter









PowerSmart [™] Kits, Components & Accessories					
Description	Product Code				
PowerSmart™ Kit Includes Controller Cradle, Removable Lithium Ion Battery, Mounting Bracket, Mounting Screws (Charger is optional)	41-800-000 (With Charger) 41-800-001 (Without Charger)	Optional Optional			
PowerSmart [™] 20Nm Tubular Motor Includes Controller Cradle,	Kit				
Removable Lithium Ion Battery & 20Nm PowerSmart™ 12V DC Tubular Motor, Mounting Bracket, Mounting Screws (Charger is optional) * Suitable motor mounting bracket & tube adaptor.	30-650-801 (With Charger) 30-650-800 (Without Charger) set to be selected when ordering	Optional Optional			
PowerSmart™ Controller Cradle & Bracket					
	41-800-100				
PowerSmart™ Lithium Ion Battery					
	41-800-200				
PowerSmart™ Charger 12V	41-800-300				

PowerSmart™ Wall Mounting Block

For use with 16mm x 10mm conduit 41-800-141

PowerSmart™ Remote Controls (Including Cradle)

CW Products 1 Channel Transmitter CW Products 6 Channel Transmitter





20Nm (45mm), 12rpm 12V 30-601-520

 $[\]ensuremath{^{\star}}$ Suitable motor mounting bracket & tube adaptor set to be selected when ordering



PowerSmart[™] Kits, Components & Accessories

Description	Product Code		
PowerSmart™ (RollSmart Series II) Motor Bracket)° • • • • • • • • • • • • • • • • • • •
	31-600-157	0.	
PowerSmart [™] (RollSmart Series I	II) 60mm Octagonal Tube Adaptor Set		
	31-600-060		
PowerSmart™ (RollSmart Series II) 70mm Octagonal Tube Adaptor Se			
	31-600-070		
PowerSmart [™] (RollSmart Series I	II) 50mm Round Tube Adaptor Set		
	31-600-150		Crown not necessary
PowerSmart [™] Motor Extension C	Cable	<i>Y a</i>	
5 Metre	41-800-400		
10 Metre	41-800-404		

PowerSmart[™] Bay Window 3-Way Switch Kit

41-800-401



PowerSmart™ Bay Window 3-Way Switch Extension Cable

5 Metre 41-800-402 10 Metre 41-800-403

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SolarSmart™ Plus Roller Shutter Automation

A Greener And Smarter Way To Automate Roller Shutters!



Technical Specifications

	Maximum Surface Area	12m² roll formed profile 7.5m² extruded profile
	Minimum Shutter Width	500mm
_	Maximum Shutter Weight	50kg
	Maximum Axle Diameter	Octagonal 70mm
	Solar Panel/Unit Size	475mm x 95mm x 50mm
_	Solar Panel	4.2W 273mA 15V
	Battery	12V DC NiMH Rechargeable 2600mA
	Power Supply	12V
	Radio Remote Frequency	433.4Mhz
	Radio Remote Range	200m in free field

SolarSmart™ Plus is an all-in-one, fully integrated solar automation system that incorporates a 4.2W solar panel, battery, control board and receiver. SolarSmart™ Plus is a greener and smarter way to automate roller shutters. It is the most advanced technology in solar powered roller shutter automation in Australia. Independent of mains power and with no hard wiring, SolarSmart™ Plus 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™ Plus system is controlled via a specialised wireless remote control transmitter.

SolarSmart[™] Plus 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

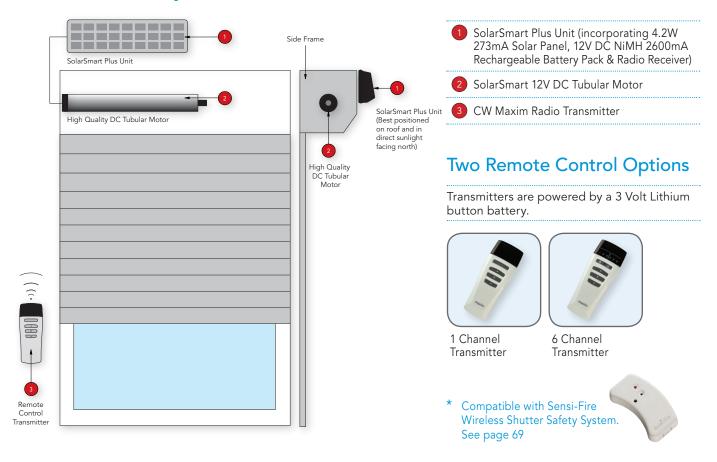
- Completely solar powered.
- Complete all-in-one fully integrated design.
- Green energy & environmentally friendly.
- Saves money on energy costs.
- No drilling or 240V hard wiring.
- Easy & quick to install.
- No need for electricians.
- Sleek & modern design.
- Quick clip mounting design.
- Remote 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 CW Products representative.



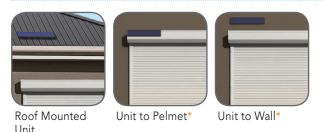
SolarSmart[™] Plus Roller Shutter Automation

SolarSmart[™] Plus System At A Glance



Three Solar Panel Unit Position Options

The SolarSmart[™] Plus Unit is best positioned on the roof (facing north and in direct sunlight) for optimum performance. The solar panels are a Monocrystalline type with excellent power output even in cloudy conditions. SolarSmart[™] Plus Units (incl 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[™] Plus Unit may require future maintenance and/or replacement. This should be considered in difficult to reach applications like on the second storey of a building.



* SolarSmart Plus units 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, SolarSmart Plus units should be positioned on the roof in direct sunlight and facing north where possible. If not enough direct sunlight, you may need to move the SolarSmart Plus unit to a north facing or ideal position, with available extension cables.

SolarSmart[™] Plus Motor Extension Cables

Extension cables are available for SolarSmart $^{\text{\tiny{M}}}$ Plus Units positioned away from the roller shutter eg. Roof Mounted.



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SolarSmart[™] Plus Kits, Components & Accessories

Description	Product Code	
SolarSmart™ Plus 20Nm Kit		
ncludes 20Nm Motor, SolarSmart™ Plus Unit	30-650-100	
* Suitable motor mounting bracket & tube adaptor		
SolarSmart™ Plus Unit		
	41-500-500	
* 2 mounting brackets supplied with each unit		



20Nm (45mm), 12rpm

30-601-520 * Suitable motor mounting bracket & tube adaptor set to be selected when ordering

31-600-157

SolarSmart™ Plus (RollSmart Series II) Motor Bracket



SolarSmart[™] Plus Kits, Components & Accessories

Description

Product Code

SolarSmart™ Plus (RollSmart Series II) 60mm Octagonal Tube Adaptor Set

31-600-060





SolarSmart™ Plus (RollSmart Series II) 70mm Octagonal Tube Adaptor Set

31-600-070





SolarSmart™ Plus (RollSmart Series II) 50mm Round Tube Adaptor Set

31-600-150



Crown not necessary

SolarSmart™ Plus Remote Controls (Including Cradle)

CW Products 1 Channel Transmitter 41-500-100
CW Products 6 Channel Transmitter 41-500-106



SolarSmart™ Plus Motor Extension Cables

5 Metre 41-500-150 10 Metre 41-500-151



SolarSmart[™] Plus Power Supply/Trickle Charger 18V

41-999-120-18



SolarSmart™ Plus Trickle Charger Loom

41-500-181



SolarSmart[™] Plus Tiled Roof Mounting Brackets

41-500-123



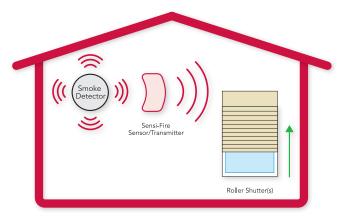


Sensi-Fire[™] Wireless Shutter Safety System

Automatically Opens Roller Shutters In The Event Of Fire!



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

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[™] Plus 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 Plus & PowerSmart Roller Shutter Automation.

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



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



Terms & Conditions Of Sale

DEFINITIONS

- In these Conditions:
 - (1) "Agreement" means the agreement between CW PRODUCTS and the Buyers consisting of the Purchase Order, these conditions and any terms agreed in writing by the parties;
 - (2) "Buyer" means the entity with whom CW PRODUCTS contracts to supply the Goods;
 - (3) "Conditions" means and conditions contained in this document and includes those terms, if any, imposed by law that cannot be excluded;
 - (4) "Goods" means goods sold by CW PRODUCTS pursuant to the Agreement;
 - (5) "GST" means GST as defined in A New Tax System (Goods and Services Tax) Act 1999 as amended from time to time or any replacement or other relevant legislation and regulations;
 - (6) "Purchase Order" means the Buver's order to purchase the Goods to which these Conditions apply; and "CW PRODUCTS" mea
 - (7) "CW means PRODUCTS ABN 19 810 045 945, its successors and assigns.

AGREEMENT

- The Agreement is the entire agreement between CW PRODUCTS and the Buyer for the supply of the Goods to the Buyer
- 2.2 Any variation to the Agreement must be in writing signed by CW PRODUCTS.
- These Conditions replace any standard terms contained in any document issued by
- 2.4 The Agreement does not create or evidence an agency, partnership, joint venture, or the relationship of employer and employee.
- 2.5 If anything in these Conditions is or becomes for any reason unenforceable, illegal or void then it is severed and the rest of these Conditions remain in force. If anything in these Conditions is unenforceable, illegal or void in 1 jurisdiction but not in another jurisdiction, it is severed only in respect of the operation of these Conditions in the jurisdiction where it is unenforceable, illegal or void.

PRICE

- Unless otherwise agreed in writing by CW PRODUCTS, the price payable by the Buyer for the Goods is the net price of the Goods only, FOB point of shipment, is quoted, advertised or otherwise indicated by CW PRODUCTS ("Price").
- The Price does not include the cost of insurances, shipping expenses, customs duties, Federal, State and local taxes, duties and imposts, and other costs and expenses. These are payable by the Buyer in addition to the Price where applicable.
- 3.3 Unless GST is expressly included, the price payable for any supply made under or in connection with these Conditions does not include GST.
- To the extent that any supply is a taxable supply, the GST exclusive consideration otherwise payable for that supply is increased by an amount equal to that consideration multiplied by the rate at which GST is imposed in respect of the supply, and is payable at the same time.
- 3.5 Each party agrees to do all things including providing tax invoices and other documentation, that may be necessary to enable the other party to claim any input tax credit, adjustment or refund in relation to any amount of GST paid or payable.

PURCHASE ORDERS

- All Purchase Orders must be made writing by the Buyer and will be subject to acceptance by CW PRODUCTS.
- CW PRODUCTS reserves the accept or reject in its absolute discretion any Purchase Order it receives
- 4.3 Any quotation issued by CW PRODUCTS is not an offer or obligation to sell but an inchesion to sell but an invitation to treat only. A quotation expires 30 days from the date of quotation unless agreed in writing by CW PRODUCTS.

DELIVERY DAYS

- CW PRODUCTS will make every effort to deliver the Goods in the shortest possible
- CW PRODUCTS will have no liability whatsoever (including liability for negligence) for any loss or damage consequential or otherwise if the Goods are not delivered or delivery is delayed.
- 5.3 Delayed delivery will not entitle the Buyer to cancel a Purchase Order
- Any statement made by CW PRODUCTS as to the date for delivery of the Goods is an estimate only.

ACCEPTANCE OF GOODS

- The Buyer must inspect the Goods upon delivery
- 6.2 The Buyer must give CW PRODUCTS written notice within 14 days of delivery of any matter or thing (including short delivery) that the Buyer alleges is not in accordance with the Agreement. If such notice is not given then to the extent permitted by law the Buyer will be deemed to have accepted the Goods and must pay for them in accordance with the Agreement.

RETURNS

- CW PRODUCTS may authorise returns of Goods within 30 days of delivery by issuing the Buyer with a Return Authorisation Number in writing.
- 7.2 CW PRODUCTS will only accept returns accompanied by a Return Authorisation
- The Buyer must prepay all costs of returning Goods, including CW PRODUCTS restocking fee, which is 10% of the Price. All Goods returned must be insured, packed in their original packaging and carriage must be prepaid by Buyer.

PAYMENT

- Should an account facility be made available to the Buyer by CW PRODUCTS, the Buyer must pay for the Goods within 30 days from the date of CW PRODUCTS invoice to the Buyer. In the absence of an account facility being made available, the Buyer must either, at the option of CW PRODUCTS, make payment at the time of placing the Purchase Order or on demand.
- Payment for the Goods must be made in cleared funds.
- 8.3 Any overdue payment will attract interest until the time of payment at a rate equal to 3 percentage points above Westpac Banking Corporation's Indicator Lending Rate. Interest accrues on a daily basis.
- 8.4 Should the Buyer default in the payment of any monies due under this Agreement then all monies due to CW PRODUCTS shall at the option of CW PRODUCTS immediately become due and pavable.
- 8.5 Any collection costs incurred by CW PRODUCTS in connection with recovering any outstanding monies, including debt collection agency fees and legal costs (calculated on a solicitor and client basis) shall be reimbursed by the Customer.
- The Buyer is not entitled to defer, offset or withhold payment in whole or in part for any reason unless agreed to by CW PRODUCTS in writing.
- If the Buyer is the trustee of a trust it enters into this Agreement in its capacity as trustee of the trust and it warrants to CW PRODUCTS that the trust deed establishing the trust allows the trustee to be indemnified by the trust.
- 8.8 Where the Goods are supplied to the Buyer on credit, the Buyer must (to secure the performance by the Buyer of its obligations under this Agreement), if requested in writing by CW PRODUCTS, provide an irrevocable guarantee for an amount to be reasonably determined by CW PRODUCTS from a financial institution, and in a form approved by CW PRODUCTS.
- Time is of the essence in respect of the Buyer's obligation to make payment for the

RISK AND TITLE

Risk in the Goods will pass to the Buyer immediately upon delivery.

- 9.2 Property in the Goods will not pass to the Buyer until payment for all goods supplied by CW PRODUCTS to the Buyer have been paid for in full:
 - (1) The Buyer may only sell the Goods as CW PRODUCTS fiduciary agent for the account of CW PRODUCTS and the proceeds of such sale (including any proceeds from insurance claims) will be the property of CW PRODUCTS to be held by the Buyer for and on behalf of CW PRODUCTS in a separate bank
 - (2) The Buyer must store the Goods in a proper manner that clearly identifies the Goods as the property of CW PRODUCTS; and
 - (3) The Buyer must not bail, pledge, mortgage, charge, grant a lien over, lease or assign the Goods, other than in accordance with clause 9.2(1).
- The Buyer irrevocably authorises CW PRODUCTS at any time to enter any premises upon which Goods the subject of this clause are stored to enable CW PRODUCTS to inspect the Goods and, if the Buyer has breached the Agreement, reclaim possession of the Goods
- The Buyer acknowledges and agrees that CW PRODUCTS may recover the price of the Goods by legal action if payment for the Goods is overdue, notwithstanding that property in the Goods has not passed to the Buyer.
- EXCLUSION OF IMPLIED CONDITIONS AND WARRANTIES AND LIMITATION OF LIABILITY
- Subject to clause 12 and to the extent permitted by law, these Conditions exclude all other conditions, warranties, liabilities or representations in relation to the Goods.

BUYER'S WARRANTY

- The Buyer warrants that the Goods are purchased by the Buyer for the purposes of re-sale in the course of the Buyer's business or for using them or incorporating them into other products in the course of such business and not for the Buyer's personal, domestic or household or consumption.
- If the Buyer re-sells the Goods, the Buyer must transfer to the purchaser of those Goods the benefit of CW PRODUCTS Warranty contained in clause 12, subject to the conditions contained in that clause. The buyer is not otherwise entitled to make any other representation or warranty to any other person on behalf of CW PRODUCTS.

CW PRODUCTS WARRANTY

- Subject to any express warranty or exception in this Agreement CW PRODUCTS warrants that the roller shutter goods will be free from defects in materials and workmanship under normal and proper use for a period of 5 years from the date of manufacture or if this date is not ascertainable 5 years from the date of invoice to the Buyer. However the warranty period with respect to roller shutter hardware and accessories is 2 years; tubular motors and SIMU control systems is 5 years; and solar panels, batteries, controllers and all CW electronics is 1 year, from the relevant date of manufacture or invoice
- To the extent permitted by law, CW PRODUCTS liability for any breach of clause 12.1 will be limited (at CW PRODUCTS option) to repairing, replacing, or refunding the price of the Goods, or the supply of equivalent Goods. CW PRODUCTS will not be liable for any consequential damage or loss incurred during or following installation or reinstallation of the Goods
- The Buyer is responsible for all installation, reinstallation and freight costs in connection with the repair, replacement or refund of the Price of the Goods, pursuant to this warranty.
- Property in the Goods or parts of the Goods that are replaced pursuant to this warranty will be retained by or otherwise pass to CW PRODUCTS.
- 12.5 This warranty does not apply:
 - usage, selection, adaptation. installation, operation or wiring of the Goods or any electrical connections

- are not in accordance with the manufacturer's written selection guides, installation, operating instructions, professional standards and wiring
- (2) If the Goods have been opened, dismantled or returned with clear evidence of abuse, negligent use or other damage;
- (3) If the Goods have been used to perform functions other than the functions they were designed for, being, in summary, motorising windows, window coverings, retractable shading devices, doors, door coverings, gates, garage doors and protection screens and any other functions that CW PRODUCTS notifies to the Buyer in writing in its absolute discretion:
- (4) If the Goods are used with any inappropriate products, software or other goods that have not been previously approved in writing by CW PRODUCTS;
- (5) To unauthorised maintenance or modifications to the Goods;
- (6) Any damage to Goods caused by an external source regardless of its nature (including damage caused by penetration by liquid);
- (7) To the extent that CW PRODUCTS specifically notifies the Buyer that it does not apply;
- (8) To batteries or other consumables; or
- (9) To removal, reinstallation or maintenance costs of the Goods.

PRIVACY

- 13.1 Where the Goods are supplied to the Buyer on credit the Buyer irrevocably authorises CW PRODUCTS, its Employees and Agents to make such enquiries necessary to investigate the creditworthiness of the Buyer with respect to the supply of such credit including (but not limited to) making enquiries of, and exchanging information (including some personal information) with, the Buyer's trade referees, bankers and credit providers, and with credit reporting agencies ("information sources") and the Buyer authorises such information sources to disclose to CW PRODUCTS such information in their possession concerning the Buyer that is requested by CW PRODUCTS.
- For the purposes of the Privacy Act 1988 where the Buyer is an individual, CW PRODUCTS declares that it collects information about the Buyer to assist in promoting and selling its products and services. CW PRODUCTS does not disclose information about the Buyer to any propose properties and services. alsciose information about the buyer to appear on except as required in the course of providing its products or services for the ordinary administration of its business. If the Buyer does not want to receive promotional material from CW PRODUCTS. he or she can inform CW PRODUCTS. The Buyer can also request access to his or her personal information by making a written request to CW PRODUCTS.

OWNERSHIP OF BUYER

- Buyer must notify CW PRODUCTS within 7 days of any alteration to its registered particulars.
- Where Goods are supplied to the Buyer on credit, Buyer must notify CW PRODUCTS in writing within 14 days of any:
 - (1) addition or alteration to the shareholding or directorship of Buyer (if Buyer is a company);
 - (2) addition or alteration to the partnership (if Buyer is a partnership); or (3) intended sale of the Buyer's business.
- ("Ownership Changes").
- If there are any Ownership Changes in the Buyer, CW PRODUCTS may, in its absolute discretion, withdraw credit facilities for that Buver.

GOVERNING LAW AND JURISDICTION

- The law of South Australia governs the Agreement.
- The parties submit to the non-exclusive jurisdiction of the courts of South Australia and the Federal Courts of Australia.

Notes



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