Window Treatments

Securo®

SPECIFICATIONS

Sec. : Securo®
Date : Aug 2016

ISSUE: SE-01-003

SPECIFICATIONS

www.window-treatments.co.nz

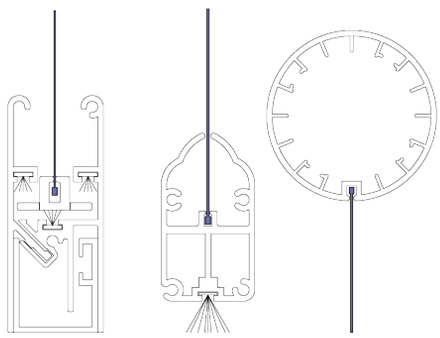
Securo® - Overview

SPECIFICATIONS

Securo® Overview

Securo® is an Italian designed specialised roller blind with 6 models. The main function of Securo® is to provide shelter from the elements: wind, rain, sun and heat. Depending on which ***Securo®*** model suits your requirements, the ***Securo®*** can be installed either as an exterior or interior product.

The key to this innovative robust interior/exterior ***Securo®*** product is how the fabric is locked (Securo®) into the roller tube, channel guides and bottom aluminium rail. This locking method ensures that the fabric is held in place during inclement weather. The Securo® Channel Guide 75 & 95 systems have been designed for winds up to 65km/h and Securo® Max is designed for winds up to 35km.



Channel Guide Bottom Rail Roller Tube

The versatility of ***Securo®*** provides for various control options such as crank, chain or motorisation with a variety of different head box sizes and an optional stainless steel wire guide.

These robust features and the fully enclosed head box to protect the fabric, makes ***Securo®*** the most advanced and stylish interior/exterior roller blind on the market.

Model Types:	Application:	Maximum Width Guidleines *(Width)*	Operation:
*Securo®*Insect Screen	Interior	1.9m	Manual – Chain
*Securo®*Junior	Interior	1.9m	Manual – Chain
Securo® Channel Guide 75	Interior	3.9m	Motorised, Crank Handle
Securo® Channel Guide 95	Interior	3.9m	Motorised, Crank Handle
*Securo®*Max Channel Guide	Interior	10m	Motorised
*Securo®*Max Wire Guide	Interior	10m	Motorised
Securo® Channel Guide 75	Exterior	3.9m	Motorised, Crank Handle
Securo® Wire Guide 75	Exterior	3.9m	Motorised, Crank Handle
Securo® Channel Guide 95	Exterior	3.9m	Motorised, Crank Handle
Securo® Wire Guide 95	Exterior	3.9m	Motorised, Crank Handle
*Securo®*Max Channel Guide	Exterior	10m	Motorised
*Securo®*Max Wire Guide	Exterior	10m	Motorised
*Securo®*Side Roll	Interior/Exterior	4.2m	Manual - Side Pull with Brake

Applications:

Interior - Selecting from a variety of fabrics such as Sunscreen, Light-filtering, Block-out or Insect Screen, Securo® blinds are ideally suited to computer rooms, offices, home theatre, room dividers and bedrooms. Securo® blinds offer insect control, sun and heat control and when required a complete block-out to a room.

Operation:

Securo® has 4 options for raising and lowering:

1. ***Chain*** - ***Securo®*** **Insect Screen** and ***Securo®*** **Junior** are controlled manually with a **plastic beaded chain.** (Internal applications only)
2. ***Crank*** - ***Securo®*** **Channel and Wire Guide** (75 & 95) for internal or external applications are controlled by a crank handle. Depending on the facade height of building, you can operate your ***Securo®*** **Channel and Wire Guide** from the inside of your office using a specially designed ***Crank Handle 90°*** transmission through the frame. For security reasons or to stop an unwanted guest operating the ***Securo®***, a magnetic cardan joint crank handle allows for the easy removal and storage of the crank handle whilst not in use.
3. ***Motor*** - for both ***Securo®*** and ***Securo®*** **Max Channel and Wire Guide** systems which can be linked to a building management system or remote controlled with optional light and wind sensors.
4. ***Manual side-pull with brake*** - ***Securo®*** Side Roll

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Securo® - Insect Screen

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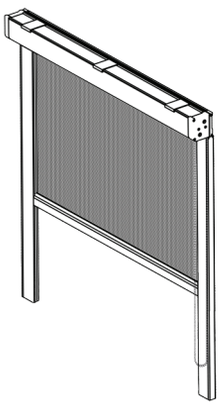
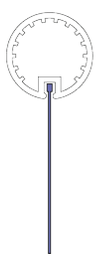
Securo® Insect Screen



***Securo*® Insect Screen** is an Italian designed solution for small to medium windows helping you relax and enjoy your home by allowing ventilation and light in, while keeping insects out.

Window Treatments uses Super Screen® (Clear View) – A woven fabric using .014" diameter vinyl coated 420 denier polyester core yarns in the warp and weft.

The key to this innovative robust interior ***Securo*® Insect Screen** is how the fabric is locked (***Securo*®**) into the roller tube within the aluminium head box and bottom rail. The screen material within the aluminium Channel guides is secured by nylon rivets which are spaced at 150mm. ***Securo*® Insect Screen** is operated manually by using a control chain which is plastic beaded with a nylon cord running through the centre of the beads.



Roller Tube

Bottom Rail

These robust features and the fully enclosed head box to protect the screen, makes ***Securo*® Insect Screen** the most advanced and stylish interior Insect Screen on the market for small to medium windows and doors.

Application : Interior

Maximum Size : 1.95m wide x 2.15m drop (drop subject to fabric selection)

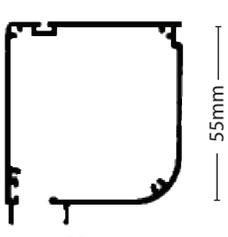
Operation : Control chain

Fixing : Top or Face Fix

Material Type : Super Screen® (Clear View) – A woven fabric using .014" diameter vinyl coated 420 denier polyester core yarns in the warp and fill. (Technical Report available on request)

Head Box : Aluminium
55mm x 55mm
Fully enclosed 1 piece cassette aluminium head box protecting the roller tube and fabric
Lip Seal

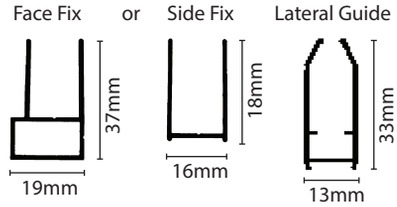
Tube : Aluminium



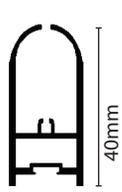
Tube Ø22mm
Securo® Locking Groove

Channel Guides : Aluminium
2 piece on each side
Face Fix 19mm x 37mm
Side Fix 16mm x 18mm
Lateral Guide 13mm x 33mm

Face Fix or Side Fix Lateral Guide



Bottom Rail : Aluminium
1 piece
17mm x 40mm
Securo® Locking Groove
Soft Touch



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Securo® - Insect Screens

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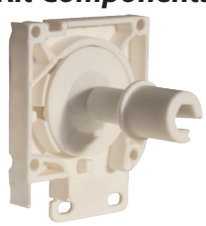
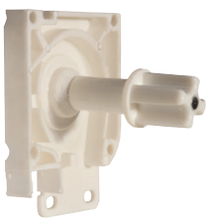
Kit Components:



Controller End Cap



Pin End Cap

Pin

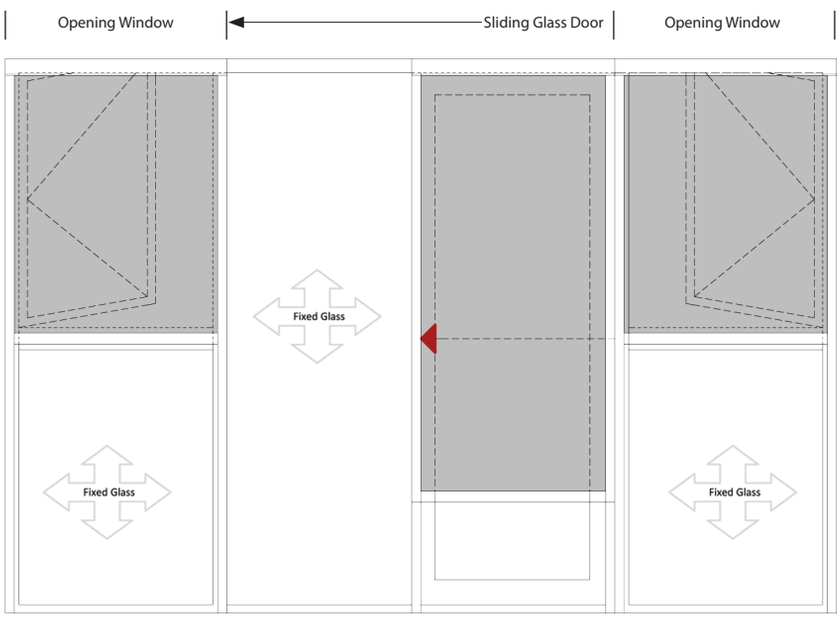
Bottom Rail End Cap

Channel Guide End Cap

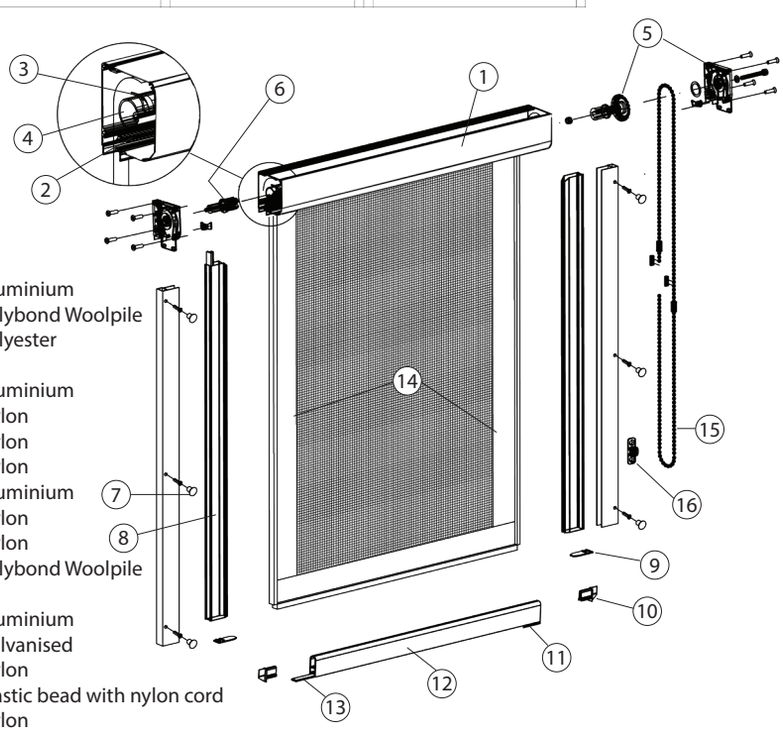
Control Chain Wall Fix

Opening Window/Doors:

Butting two or more ***Securo*® Insect Screen** allows for easy access opening windows, sliding or hinged doors:



Securo® Insect Screen Specifications



Key Numbers

1.	Head Box	: Aluminium
2.	Lip Seal	: Polybond Woolpile
3.	Securo® Locking Spline	: Polyester
4.	Roller Tube ø22mm with Securo® Locking Groove	: Aluminium
5.	Controller End Cap	: Nylon
6.	Pin End Cap	: Nylon
7.	Caps for Face Fix	: Nylon
8.	Channel Guides (2 profiles)	: Aluminium
9.	Channel Guide End Caps	: Nylon
10.	Bottom Rail End Caps	: Nylon
11.	Soft Touch	: Polybond Woolpile
12.	Bottom Rail with Securo® Locking Groove	: Aluminium
13.	Iron Plate	: Galvanised
14.	Rivets - Secured to fabric	: Nylon
15.	Control Chain	: Plastic bead with nylon cord
16.	Control Chain Wall Fix	: Nylon

Note:
- Colours available for Key numbers (1, 8, 12) are: U6 Metal, New White, T6 Ivory and Z2 Matte Black
- Colours available for Key numbers (5, 6, 7, 9, 10, 15, 16) are: White, Black

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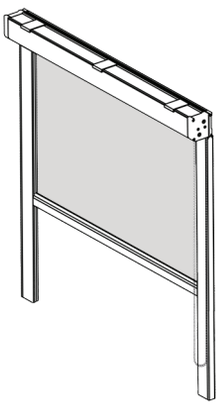
Securo® - Junior

SPECIFICATIONS

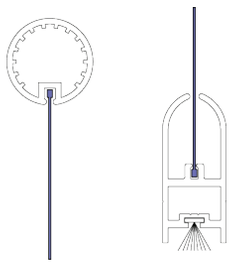
Securo® Junior



***Securo®* Junior** is an Italian designed solution for small to medium interior roller blinds providing complete block-out and prevents glare when required.

Window Treatments has a variety of fabrics for interior applications (such as Sunscreen, Light-filtering or Block-out) which are ideally suited for computer rooms, offices, home theatre and bedrooms as they prevent glare and provide complete block-out when required.

The key to this innovative robust interior roller blind is how the fabric is locked (***Securo®***) into the roller tube within the aluminium head box and bottom rail. The fabric within the aluminium channel guides is secured by nylon rivets which are spaced at 150mm. ***Securo®* Junior** is operated manually by using a control chain which is plastic beaded with a nylon cord running through the centre of the beads.



Roller Tube Bottom Rail

These robust and versatile features makes Securo® Junior the most advanced roller blind system on the market for small to medium windows and doors.

Application : Interior

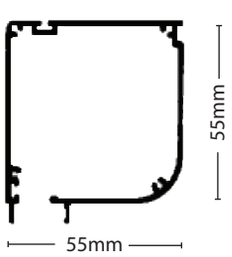
Maximum Size : 1.95m wide x 2.2m drop (drop subject to fabric selection)

Operation : Control Chain

Fixing : Top or Face Fix

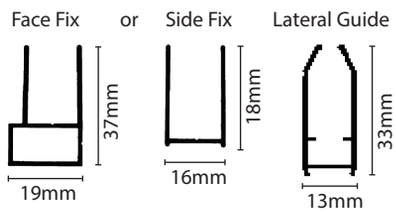
Material Type : Super Screen, Light-filtering, Block-out

Head Box : Aluminium
55mm x 55mm
Fully enclosed 1 piece cassette aluminium head box protecting the roller tube and fabric
Lip seal

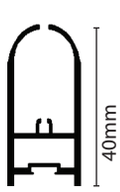


Tube : Aluminium
Tube Ø22mm
Securo® Locking Groove

Channel Guides : Aluminium
2 piece on each side
Face Fix 19mm x 37mm
Side Fix 16mm x 18mm
Lateral Guide 13mm x 33mm



Bottom Rail : Aluminium
1 piece
17mm x 40mm
Securo® Locking Groove
Soft Touch



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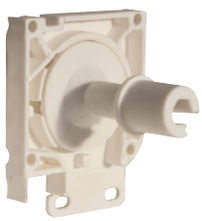
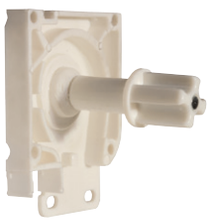
Securo® - Junior

SPECIFICATIONS

Kit Components:



Controller End Cap



Pin End Cap

Pin

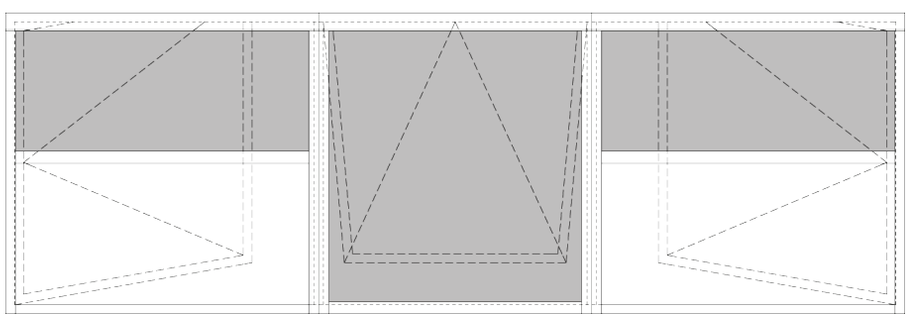
Bottom Rail End Cap

Channel Guide End Cap

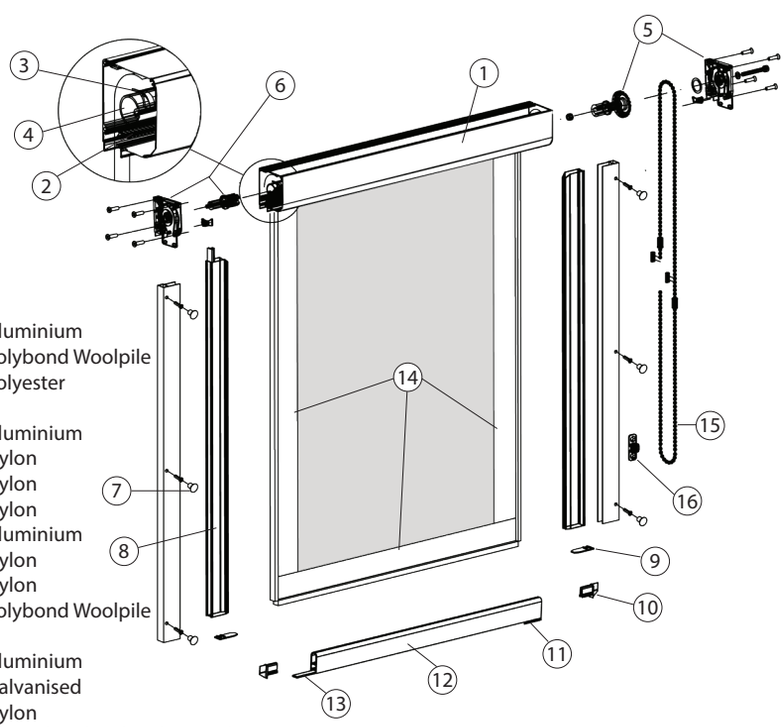
Control Chain Wall Fix

Opening Window:

Butting two or more ***Securo*® Junior** allows for easy access opening windows.



Securo® Junior Specifications



Key Numbers

1.	Head Box	: Aluminium
2.	Lip Seal	: Polybond Woolpile
3.	Securo® Locking Spline	: Polyester
4.	Roller tube ø22mm with Securo® Locking Groove	: Aluminium
5.	Controller End Cap	: Nylon
6.	Pin End Cap	: Nylon
7.	Caps for Face Fix	: Nylon
8.	Channel Guides (2 profiles)	: Aluminium
9.	Channel Guide End Caps	: Nylon
10.	Bottom Rail End Caps	: Nylon
11.	Soft Touch	: Polybond Woolpile
12.	Bottom Rail with Securo® Locking Groove	: Aluminium
13.	Iron Plate	: Galvanised
14.	Rivets - Secured to fabric	: Nylon
15.	Control Chain	: Plastic bead with nylon cord
16.	Control Chain Wall Fix	: Nylon

Note:

- Colours available for Key numbers (1, 8, 12) are: U6 Metal, New White, T6 Ivory and Z2 Matte Black
- Colours available for Key numbers (5, 6, 7, 9, 10, 15, 16) are: White, Black

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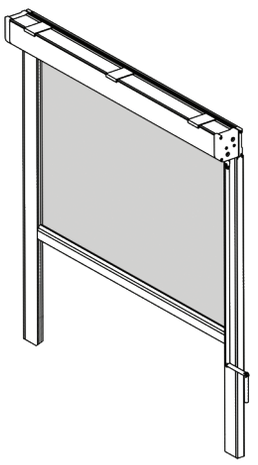
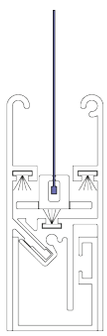
Securo® - Channel Guide 75 & 95

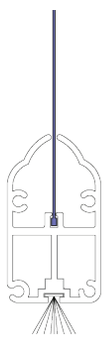
SPECIFICATIONS

Securo® Channel Guide 75, Securo® Channel Guide 95

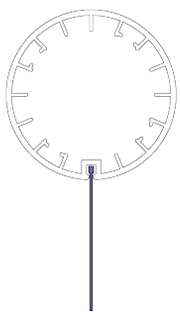




Channel Guide



Bottom Rail



Roller Tube

Application : **Interior or** Exterior

Maximum Size : 3.9m wide x 3.0m drop (drop subject to fabric selection)

Operation : Crank Handle or Motorised
***Securo*® Channel Guide** can be linked to a building management system, remote controlled and with wall switches with optional light & wind sensors

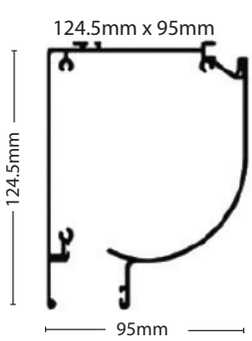
somfy AUTOMATION SPECIALIST

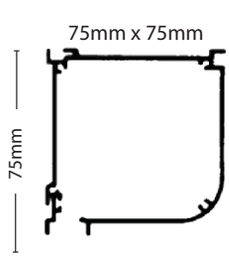
Fixing : Top or Face Fix

Material Type (Interior) : Sunscreen, Light-filtering, Block-out
(Exterior) : TEXTILENE® 95

Head Box Options

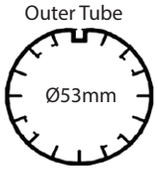
- 95mm x 124.5mm 2 piece cassette is recommended for use with all fabrics including clear PVC. The two piece cassette box provides ease of maintenance and assembly.
- 75mm x 75mm 1 piece cassette for narrow reveals recommended for all fabrics except PVC.



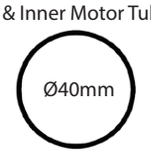


Tube : Aluminium
Outer Tube Ø53mm
Inner Tube Ø40mm
Inner Motorisation Tube Ø40mm
Securo® Locking Groove

Outer Tube



Inner & Inner Motor Tube



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Securo® - Channel Guide 75 & 95

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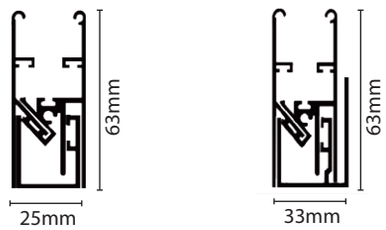
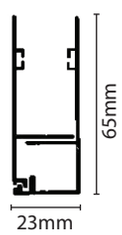
Channel Guide : Aluminium
4 pieces on each side
Securo® Locking Groove
Lip Seal
Face Fix 33mm x 63mm
Side Fix 25mm x 63mm

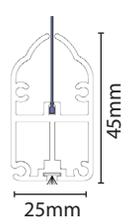
Side Fix or Face Fix



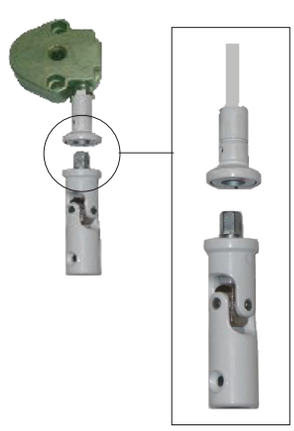
Channel Guide Optional : Aluminium
2 pieces on each side
PVC only
No Securo® Locking Groove
Lip Seal



Bottom Rail : Aluminium
1 piece
Securo® Locking Groove
Lip Seal
Soft Touch



Securo® Gear : Case : Zinc Aluminium
Screw Worm : Aluminium
Crown : Brass
Gear Ratio : 5/5
Nickel Brass Magnetised Cardan Joint complete with bell coupling



Crank Handle : Crank Handle with aluminium tube
Colours available: White, Black

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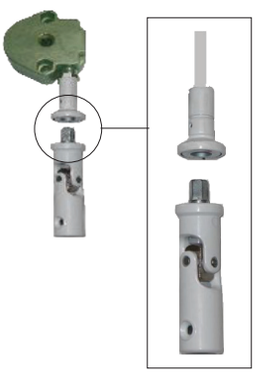
Securo® - Wire Guide Options

SPECIFICATIONS

Securo® Wire Guide Options

Crank Handle 90°transmission through frame : Nickel Brass Cardan Joint complete with bell coupling
Nylon Case
Colours available: White, Black

Crank Handle Magnetic Cardan Joint : Colours available: White, Black

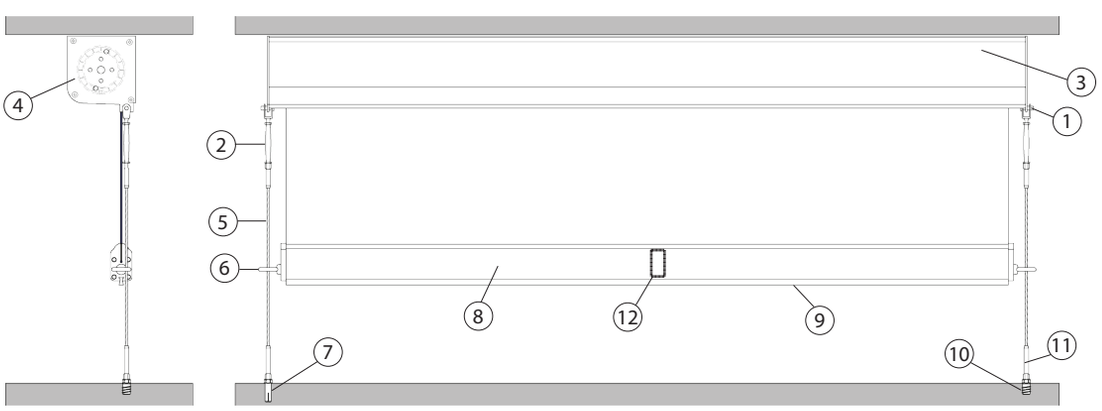


Fixed Crank Handle Holder : Nylon Case
Colours available: White, Black

Securo® Wire Guide 75,95

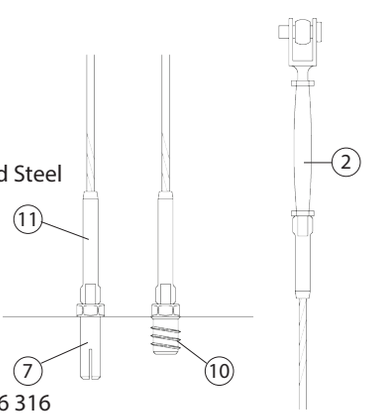
Available in 2 sizes:

Size:	Maximum Width:	Operation:
Securo® Wire Guide 75	3.9m	Crank Handle or Motorised
Securo® Wire Guide 95	3.9m	Crank Handle or Motorised



Key Numbers

1. Eyelet : Stainless Steel 316
2. Jaw/Swage Pipe Turnbuckle : Stainless Steel S3121P M6/3.0
3. Head Box : Aluminium
4. End Cap : Powder Coated over Galvanised Steel
5. 3mm Stainless Steel Cable Wire : Stainless Steel 7 x 19 ASIST316
6. Eye Bolt : Stainless Steel 316
7. Drop in Anchor (Concrete Fixing) : Stainless Steel 316
8. Bottom Rail : Aluminium
9. Soft Touch : Polybond Woolpile
10. Counter Sunk Socket Screw (wood fixing) : Stainless Steel 316
11. Swage Stud : Stainless Steel S7801 3mm x M6 316
12. Stabilising Bolt (optional) : Stainless Steel



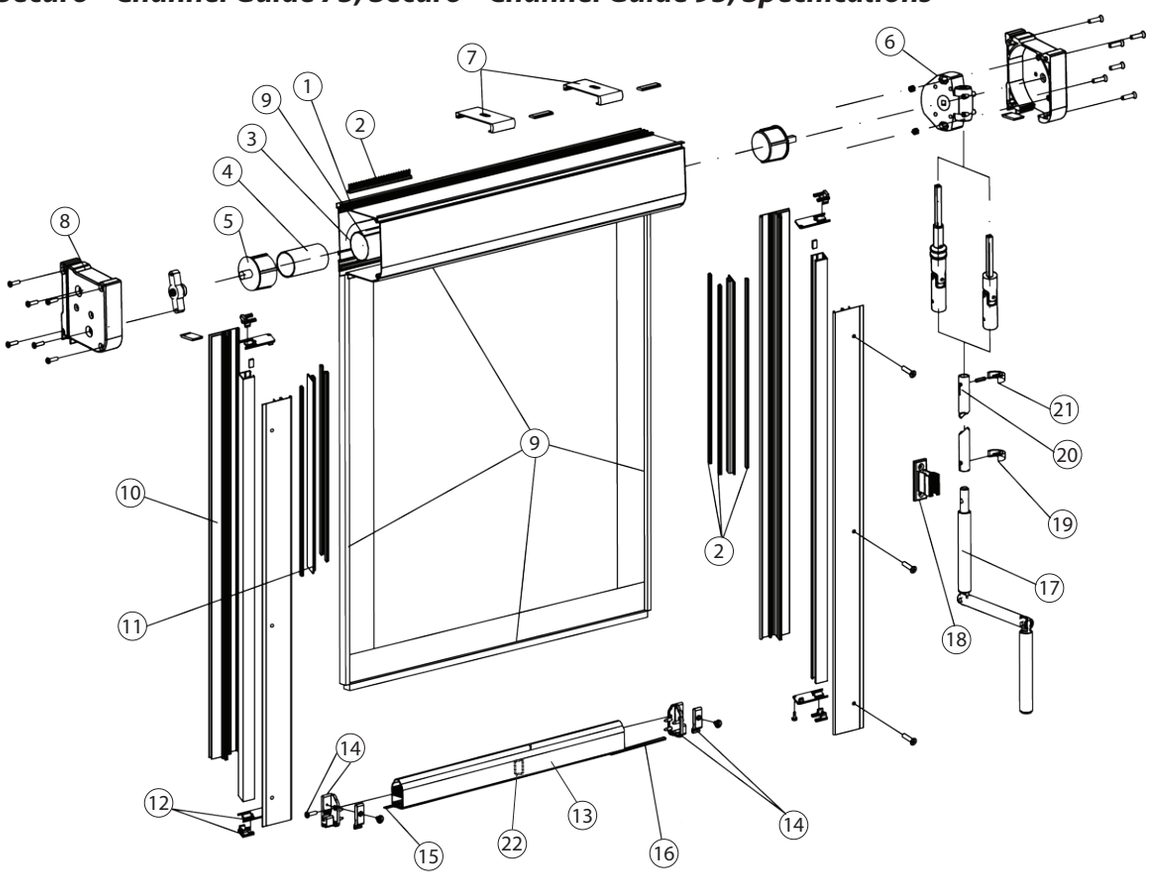
Sec. : Securo
Date : Aug 2016

ISSUE: SE-05-003

Securo® - Channel Guide 75 & 95

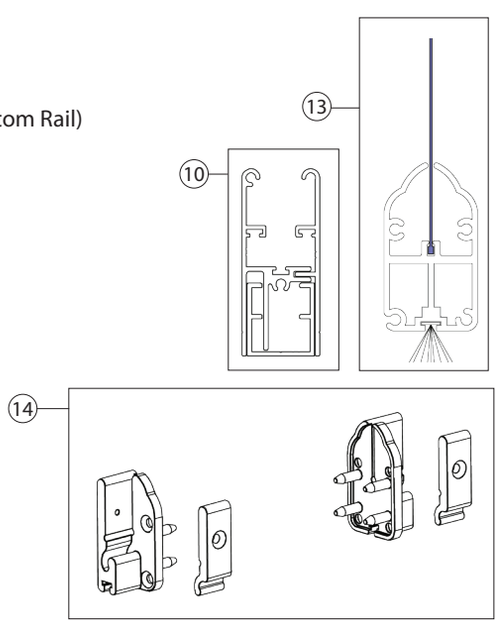
SPECIFICATIONS

Securo® Channel Guide 75, Securo® Channel Guide 95, Specifications



Key Numbers

1. Aluminium Head Box
   Colours available: U6 Metal, New White,
   T6 Ivory, Z2 Matte Black
2. Lip Seal
3. Aluminium Roller Tube Ø 53mm with Securo® Locking Groove
4. Aluminium Roller Tube Ø 40mm
5. Round Hub Pivot Ø 10mm
6. Gear 5/5 Ratio with standard Magnetic Cardan Joint
7. Zinc Plated Wall Ceiling Fixing Bracket
8. End Caps Nylon - Colours available: Black, White
9. Securo® Locking Spline (Head Rail, Channel Guides, Bottom Rail)
10. Aluminium Channel Guides (3 Profiles)
    Colours available: U6 Metal, New White,
    T6 Ivory, Z2 Matte Black
11. Channel Guides PVC
12. Channel Guide Plastic End Caps
13. Bottom Rail Aluminium
    Colours available: U6 Metal, New White,
    T6 Ivory, Z2 Matte Black
14. Bottom Rail Plastic End Caps
15. Galvanised Iron Plate
16. Soft Touch - Polybond Woolpile
17. Crank Handle
18. Fixed Crank Handle Holder
19. Ring
20. Aluminium Roller Tube Ø 13mm
21. Ring with Pin
22. Stabilising Bolt (optional) Stainless Steel

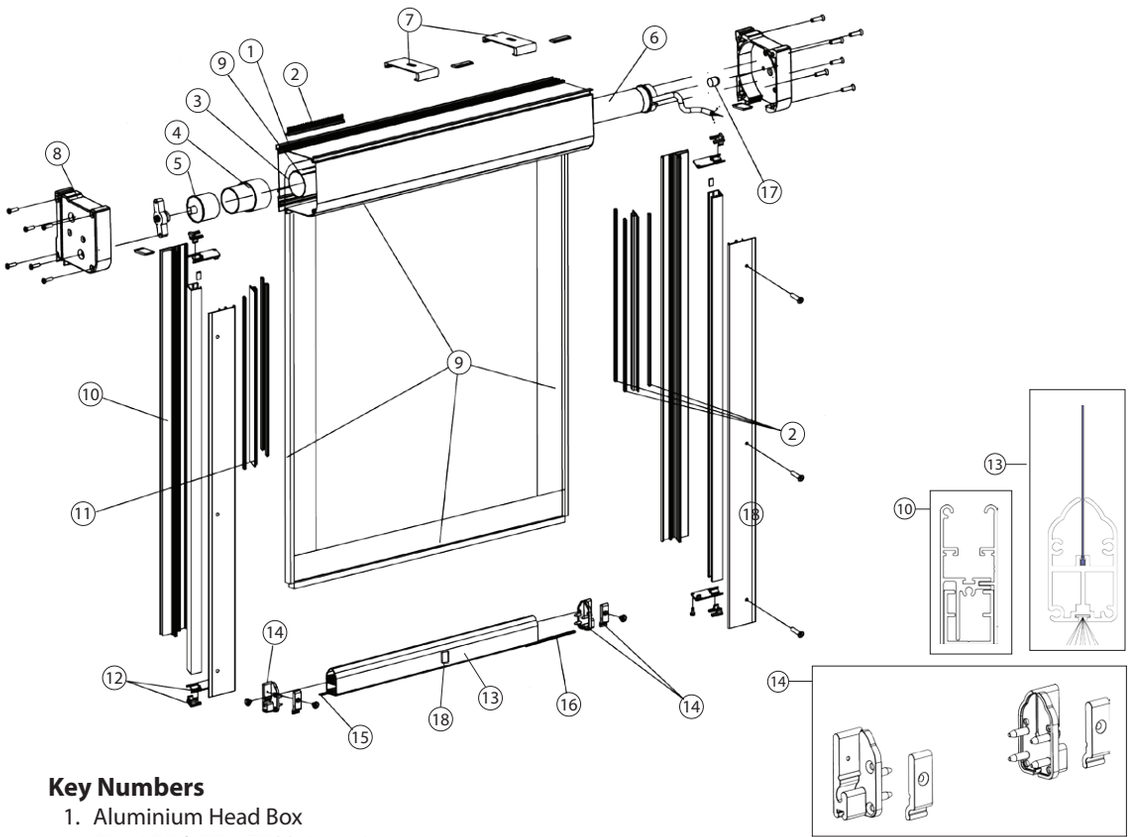


Sec. : Securo
Date : Dec 2017

Securo® - Channel Guide Motorisation

SPECIFICATIONS

Securo® Channel Guide 75 & 95 Motorisation Specifications



Key Numbers

1. Aluminium Head Box
   95 x 125 & 75 x 75 Motorisation
   Colours available: U6 Metal, New White, T6 Ivory, Z2 Matte Black
2. Lip Seal
3. Aluminium Roller Tube Ø 53mm with Securo® Locking Groove
4. Aluminium Roller Tube Ø 40mm for electric 220V Somfy Motor
5. Round Hub Pivot Ø 10mm
6. Somfy Motor 220V
7. Zinc Plated Wall Ceiling Fixing Bracket
8. End Caps Nylon - Colours available: Black, White
9. Securo® Locking Spline (Head Rail, Channel Guides, Bottom Rail)
10. Aluminium Channel Guides (3 Profiles)
    Colours available: U6 Metal, New White, T6 Ivory, Z2 Matte Black
11. Channel Guides PVC
12. Channel Guide Plastic End Caps
13. Bottom Rail Aluminium
    Colours available: U6 Metal, New White, T6 Ivory, Z2 Matte Black
14. Bottom Rail Plastic End Caps
15. Galvanised Iron Plate
16. Soft Touch - Polybond Woolpile
17. Pivot for Motor
18. Stabilising Bolt (optional) Stainless Steel

Motorisation option - Securo® 75-95 Channel Guide/Wire Guide

Motor Selection		<6m²	>6m²	Sun Sensor
Securo 75-95	RTS	Sonesse 6/20	Sonesse 9/12	Altus 13/8
	WT	Sonesse 6/20	Sonesse 9/12	

KEY:
WT = Mechanical switch hardwired to the motor.
RTS = Remote control (handheld or walllmounted)
Maximum Width: 3.9m, Maximum Projection: 3.0m (subject to fabric choice)

Performances	Sonesse 6/20	Sonesse 9/12	Altus 13/10
Torque	6 Nm	9 Nm	13 Nm
Nominal Voltage	230v	230v	230v
Rated Current	0.55 A	0.55 A	0.52 A
Rated Power	120W	120W	110W
Speed	20 RPM	12 RPM	10 RPM
Thermal Protection	4 Min	4 Min	4 Min
Radio Frequency	433.42	433.42	433.42
Sound Level (DB)	45	40	52
Cable Length	2500mm	2500mm	3000mm
IP Rating	IP 44	IP 44	IP 44
Insulation Class	II	II	II

Somfy Sensors
Weather Sensors can be used for automatic control. These include wind and sun sensors. Wind sensors will retract your awning if wind speeds exceed 35 km/h. The sun sensor works on light levels and can be programmed to a specific light level.

Sunis Wirefree RTS Sun Sensor

Eolis RTS Wind Sensor

Soliris RTS- Sun & Wind Sensor

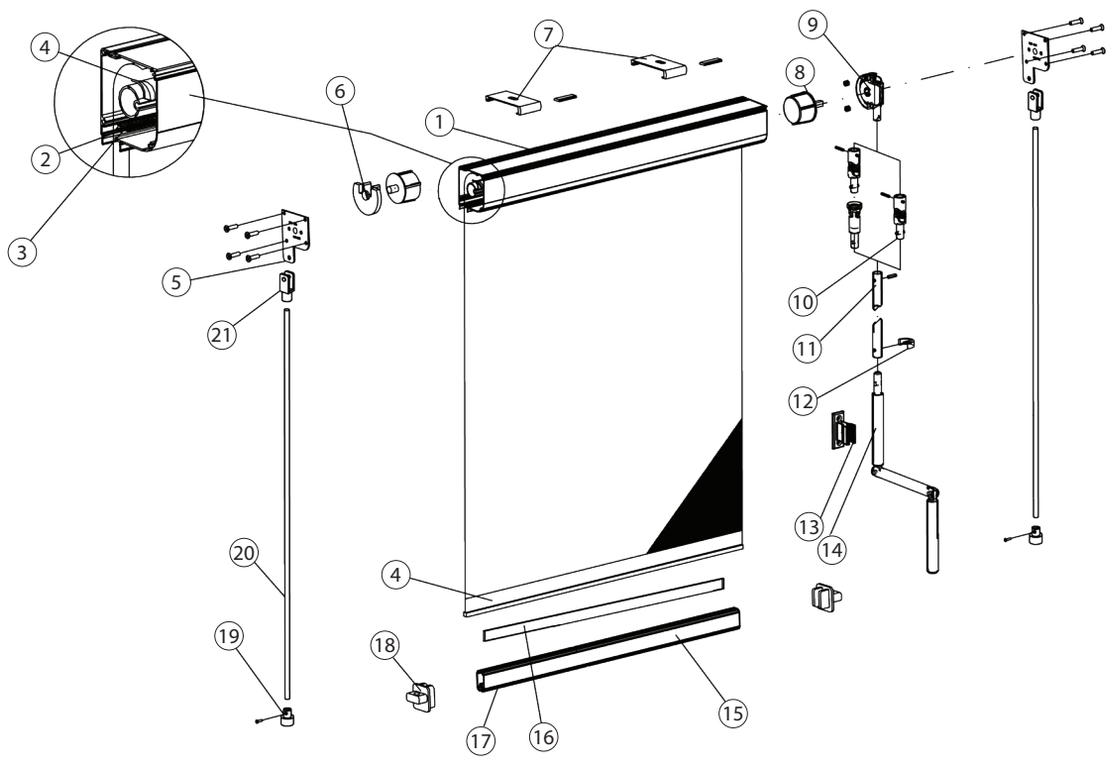
Sec. : Securo
Date : Aug 2018

ISSUE: SE-06-004

Securo® - Wire Guide 95, 75 Crank Handle

SPECIFICATIONS

Securo® Wire Guide 95, 75 Crank Handle



Key Numbers

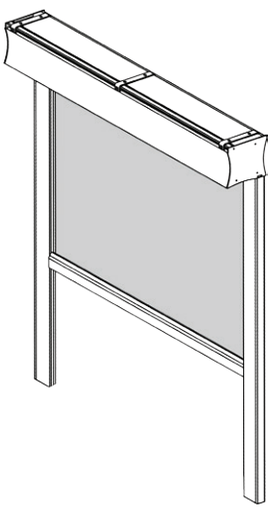
1. Aluminium Head Box
   Colours available: U6 Metal, New White, T6 Ivory, Z2 Matte Black
2. Lip Seal
3. Aluminium Roller Tube Ø 53mm with Securo® Locking Groove and inner Aluminium Roller Tube Ø 40mm
4. Zip
5. End Cap Powder Coated over Galvanised Steel
6. Nylon Support
7. Zinc Plated Wall Ceiling Fixing Bracket
8. Hub Pivot Ø 10mm
9. Gear 5/5 Ratio with standard Magnetic Cardan Joint
10. Nickel Brass Cardan Joint
11. Aluminium Crank Handle Tube Ø 10mm
12. Ring with Pin
13. Fixed Crank Handle Holder - Colours available: Black, White
14. Crank Handle - Colours available: Black, White
15. Bottom Rail Aluminium
    Colours available: U6 Metal, New White, T6 Ivory, Z2 Matte Black
16. Galvanised Iron Plate
17. Soft Touch - Polybond Woolpile
18. Bottom Rail Plastic End Caps (Colours available: Black, White), with Stainless Steel Eye Bolt
19. Stainless Steel Swage Stud with either;
    - Counter Sunk Socket Screw for Wood Fixing
    - Drop in Anchor for Concrete Fixing
20. 3mm Stainless Steel Wire
21. Stainless Steel Fork Swage

Sec. : Securo
Date : Dec 2017

Securo® Max - Channel Guide

SPECIFICATIONS

Securo® Max Channel Guide



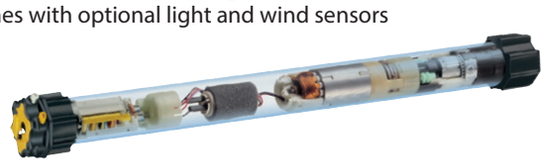
Securo®Max* Channel Guide** is a revolutionary new addition to the market. Italian designed, ***Securo®Max Channel Guide is the solution for extra large exterior roller blinds.

***Securo®Max* Channel Guide** when motorised, can be linked to a building management system, remote controlled and/or with wall switches. Window Treatments is an authorised Somfy Automation Specialist. For further information on the type of motors, switches and power requirements, please contact motorisation@window-treatments.co.nz

Application : Exterior/Interior

Maximum Size : 10m wide x 3.0m drop

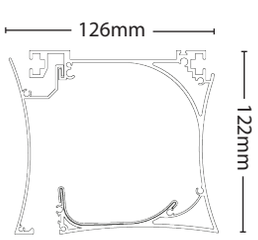
Operation : Motorised
***Securo®* Max** can be linked to a building management system, remote controlled and/or with wall switches with optional light and wind sensors



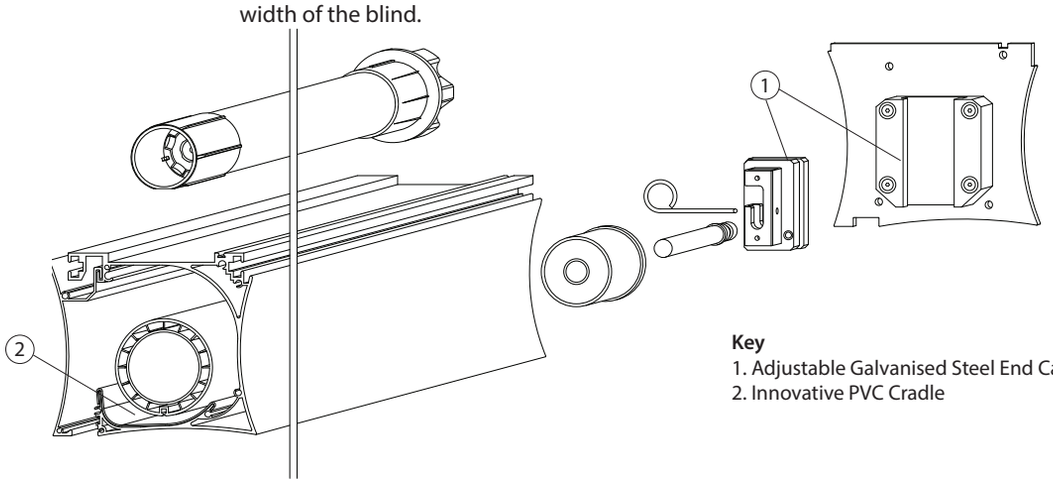
Fixing : Top or Face Fix

Material Type : TEXTILENE® NANO™ 95 – a durable and tough synthetic FR fabric made of PVC coated polyester designed for outdoor use

Head Box : Fully enclosed 2 piece cassette Aluminium head box protecting the roller tube and motor
Roller Tube with Securo® Locking Groove
Lip Seal
Innovative PVC Cradle for supporting the roller tube



Adjustable Galvanised Steel End Caps and PVC Cradle
One of the key features of Securo®Max is that it can be manufactured up to 10m wide. This is made possible due to the vertical slide movement of the adjustable galvanised steel end caps. This end cap feature distributes the weight of the TEXTILENE® NANO™ 95 fabric evenly over the aluminium roller tubes. This feature is also enhanced by the innovative PVC cradle that supports the TEXTILENE® NANO™ 95 fabric and tube over the entire width of the blind.



Key
1. Adjustable Galvanised Steel End Cap
2. Innovative PVC Cradle

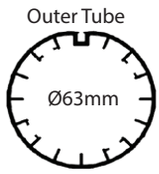
Sec. : Securo
Date : Aug 2016

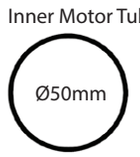
ISSUE: SE-07-003

Securo® Max - Channel Guide

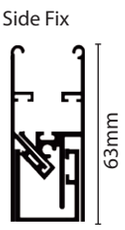
SPECIFICATIONS

Tube : Aluminium
Outer Tube Ø63mm
Inner Motor Tube Ø50mm
Roller Tube with Securo® Locking Groove





Channel Guides : Aluminium
4 pieces on each side
Channel Guide with Securo® Locking Groove
Lip Seal
Side Fix 25mm x 63mm
Face Fix 33mm x 63mm



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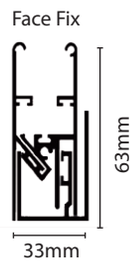
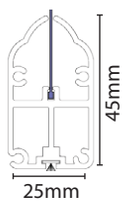
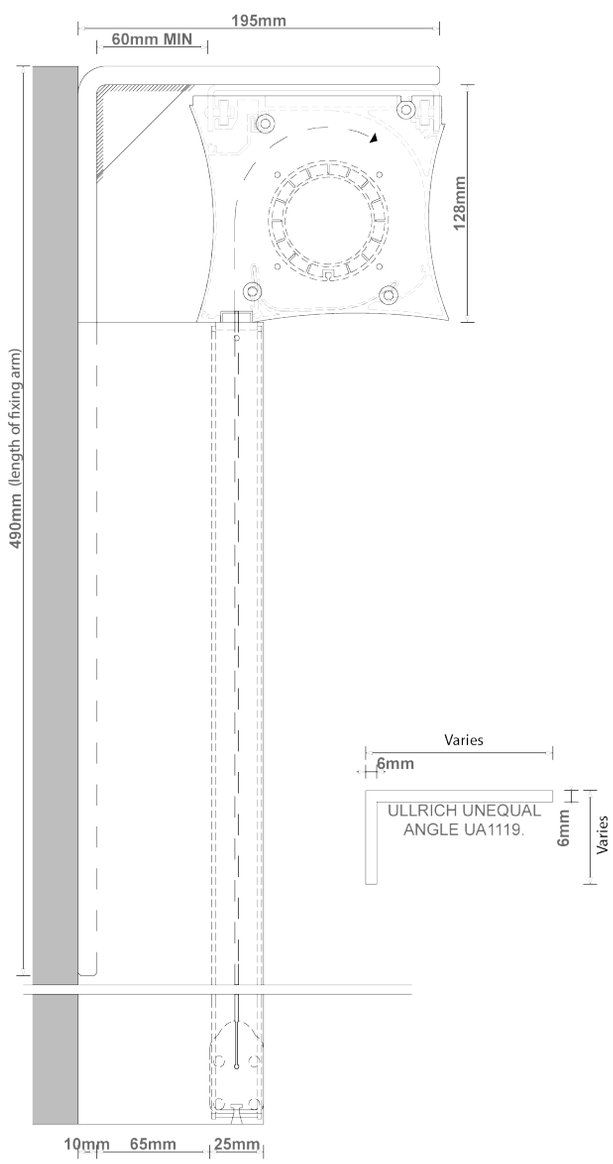


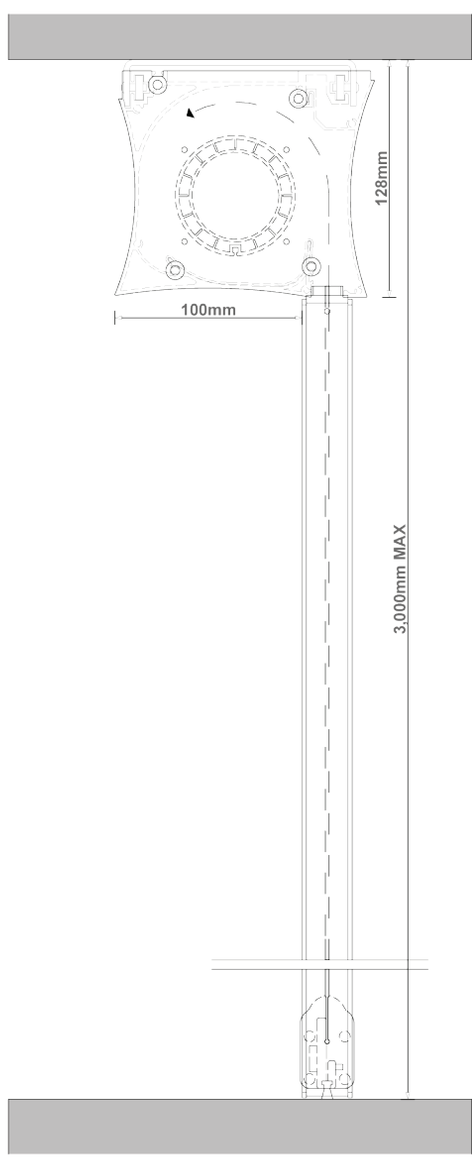
Bottom Rail : Aluminium
Bottom Rail with Securo® Locking Groove
Lip Seal
Soft Touch



Fixing Options : Face Fix

Top Fix





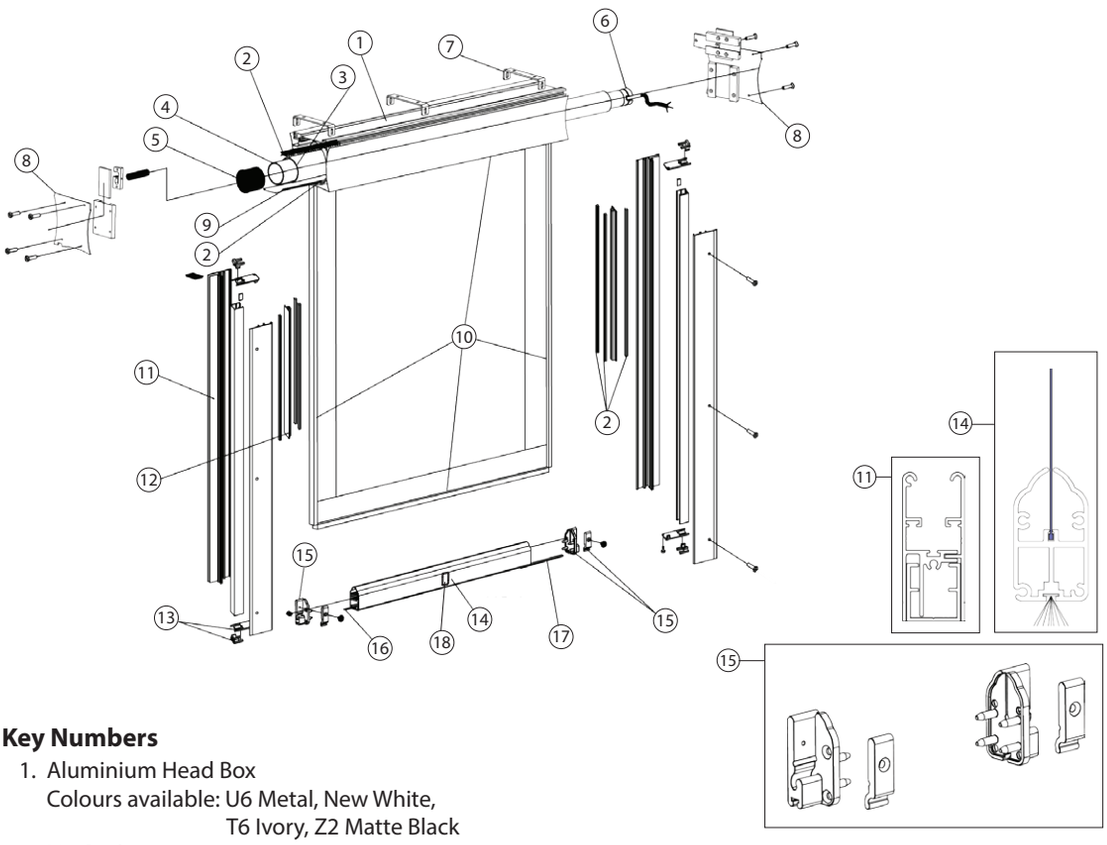
Sec. : Securo
Date : Dec 2017

ISSUE: SE-08-003

Securo® Max - Channel Guide

SPECIFICATIONS

Securo® Max Channel Guide Specifications



Key Numbers

1. Aluminium Head Box
   Colours available: U6 Metal, New White, T6 Ivory, Z2 Matte Black
2. Lip Seal
3. Aluminium Roller Tube Ø 63mm with Securo® Locking Groove
4. Aluminium Roller Tube Ø 50mm for electric 220 V Somfy Motor
5. Round Hub Pivot Ø10mm
6. Somfy Motor 220 V
7. Zinc Plated Wall Ceiling Fixing Bracket
8. Adjustable Galvanised Steel End Caps
9. PVC Cradle
10. Securo® Locking Groove (Head Rail, Channel Guides, Bottom Rail)
11. Aluminium Channel Guides (3 Profiles)
    Colours available: U6 Metal, New White, T6 Ivory, Z2 Matte Black
12. Channel Guides PVC
13. Channel Guide Plastic End Caps
14. Bottom Rail Aluminium
    Colours available: U6 Metal, New White, T6 Ivory, Z2 Matte Black
15. Bottom Rail Plastic End Caps
16. Galvanised Iron Plate
17. Soft Touch - Polybond Woolpile
18. Stabilising Bolt (optional) Stainless Steel

Motorisation - Securo Max Channel Guide/Wire Guide

Motor Selection		<10m²	>10m²
Securo Max	RTS	Altus 10/17	Altus 25/17
	WT	Jet 10/17	Gemini 25/17

KEY:
WT = Mechanical switch hardwired to the motor.
RTS = Remote control (handheld or walllmounted)
Maximum Width: 10m, Maximum Drop: 3.0m

Performances	Altus 10/17	Jet 10/17	Altus 25/17	Gemini 25/17
Torque	10 Nm	10 Nm	25 Nm	25 Nm
Nominal Voltage	230v	230v	230v	230v
Rated Current	0.5 A	0.5 A	0.8 A	0.8 A
Rated Power	120W	120W	170W	170W
Speed	17 RPM	17 RPM	17 RPM	17 RPM
Thermal Protection	4 Min	4 Min	4 Min	4 Min
Radio Frequency	433.42	433.42	433.42	433.42
Sound Level (DB)	47	47	56	57
Cable Length	2500mm	2500mm	3000mm	2500mm
IP Rating	IP 44	IP 44	IP 44	IP 44
Insulation Class	I	I	I	I

Somfy Sensors

Weather Sensors can be used for automatic control. These include wind and sun sensors. Wind sensors will retract your awning if wind speeds exceed 35 km/h. The sun sensor works on light levels and can be programmed to a specific light level.

Sunis Wirefree RTS Sun Sensor

Eolis RTS Wind Sensor

Soliris RTS- Sun & Wind Sensor

Sec. : Securo
Date : Aug 2018

ISSUE: SE-08-003

Securo® Max - Wire Guide

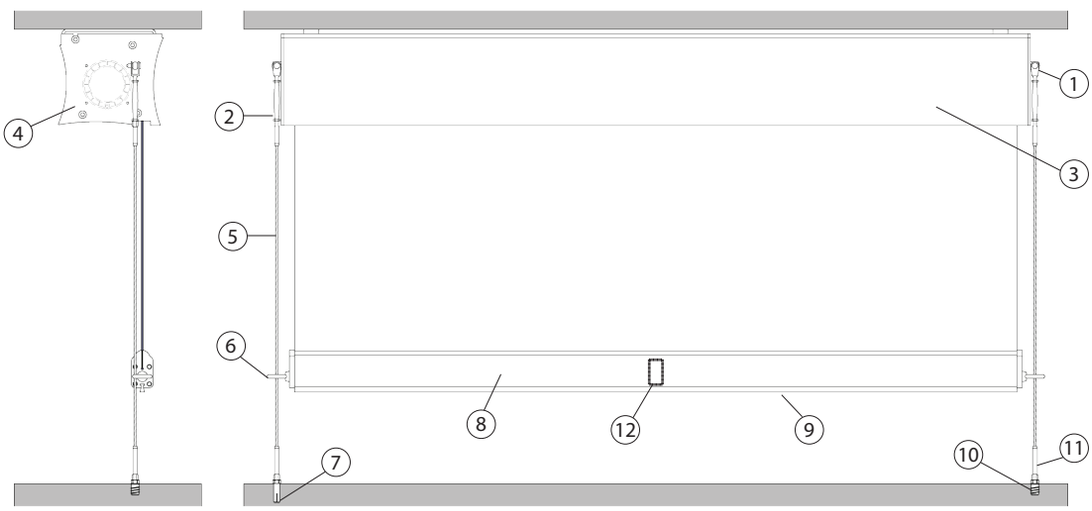
SPECIFICATIONS

Securo® Max Wire Guide

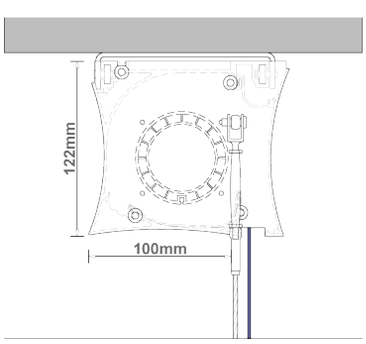
Securo®Max **wire guides** are substituted for the ***Securo®*** **channel guides**. Wire guides are used where there isn't any end fixing to attach the channel guides to. The wire guides incorporate stainless steel wire, eye bolts, jaw/swage pipe turnbuckles, swage studs and drop in anchors.

The maximum size is 10m wide x 3.0m drop. ***Securo®*****Max Wire Guide** when motorised, can be linked to a building management system, remote controlled and/or with wall switches and with optional light and wind sensors.

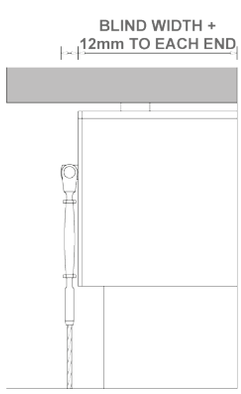
Window Treatments has a variety of fabrics for interior/exterior applications. For exterior applications, we recommend TEXTILENE® NANO™ 95 which is a durable and tough synthetic FR fabric made of PVC coated polyester designed for outdoor use. For interior applications, the Securo®Max Wire Guide System can be used in conjunction with a variety of Sunscreen fabrics.



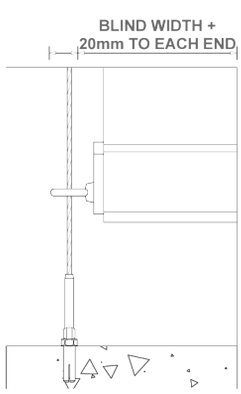
Side View - Head Box/Jaw/Swage Pipe



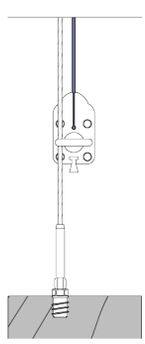
Front View - Jaw/Swage Pipe



Front View - Eye Bolt/Wire

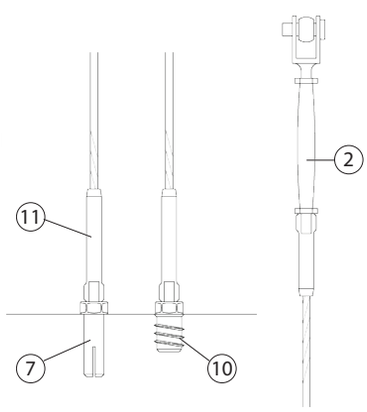


Side View
Bottom Rail



Key Numbers

1.	Eyelet	: Stainless Steel 316
2.	Jaw/Swage Pipe Turnbuckle	: Stainless Steel S3121P M6/3.0
3.	Head Box	: Aluminium
4.	End Cap	: Powder Coated over Galvanised Steel
5.	3mm Stainless Steel Cable Wire	: Stainless Steel 7 x 19 ASIST316
6.	Eye Bolt	: Stainless Steel 316
7.	Drop in Anchor (Concrete Fixing)	: Stainless Steel 316
8.	Bottom Rail	: Aluminium
9.	Soft Touch	: Polybond Woolpile
10.	Counter Sunk Socket Screw (wood fixing)	: Stainless Steel 316
11.	Swage Stud	: Stainless Steel S7801 3mm x M6 316
12.	Stabilising Bolt (optional)	: Stainless Steel



Sec. : Securo
Date : Aug 2016

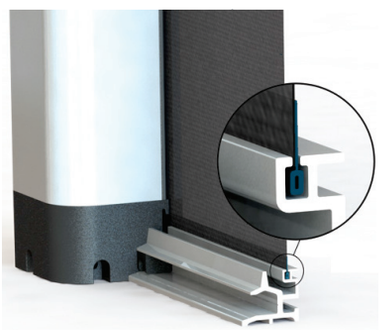
Securo® - Side Roll

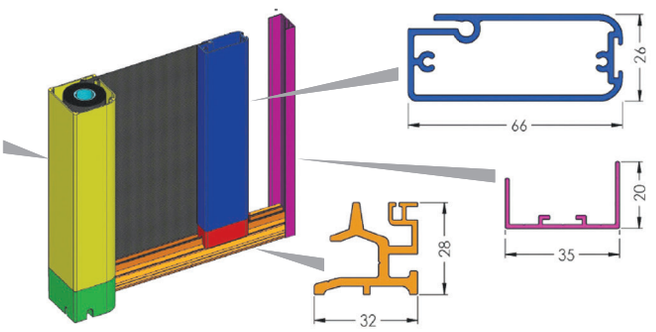
SPECIFICATIONS

Securo® Side Roll

Securo® Side Roll finally resolves the problem of achieving light control and insect control whilst providing easy access through sliding doors and French doors. The solution utilises the Securo® fabric locking system with a spring loaded cassette/Head box roller blind but instead of rolling from the top to the bottom, it rolls from side to side.

The system has the added benefit of an "easy to use" brake so that the blind can be opened to any desired position. The brake handle is positioned on the sliding stile at normal door handle height.





Application : Interior and Exterior

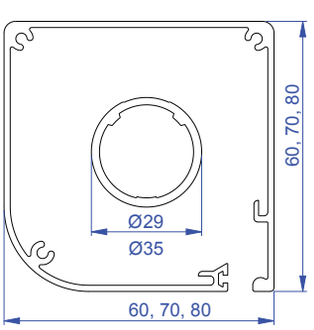
Maximum Size : Single screen - 4m W x 2.7m H or Double screen - 8m W x 2.7m H

Operation : Sliding side to side with brake

Fixing : Face Fix (recommended) or Top Fix (where Face Fix is not possible)

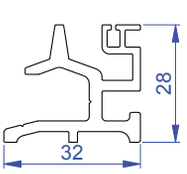
Material Type : Interior - Insect Super Screen
Exterior - Insect Super Screen

Housing : Aluminium (60mm x 60mm, 70mm x 70mm or 80mm x 80mm). Fully enclosed one piece housing protecting the roller tube and fabric.

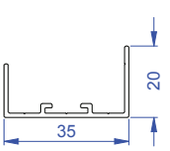


Tube : Aluminium, 29mm and 35mm dia

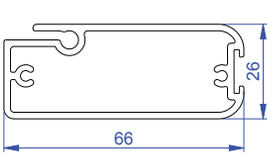
Track : (Top & Bottom) Aluminium 32mm x 28mm



Receiver : 35mm x 20mm



Stile : 66mm x 26mm



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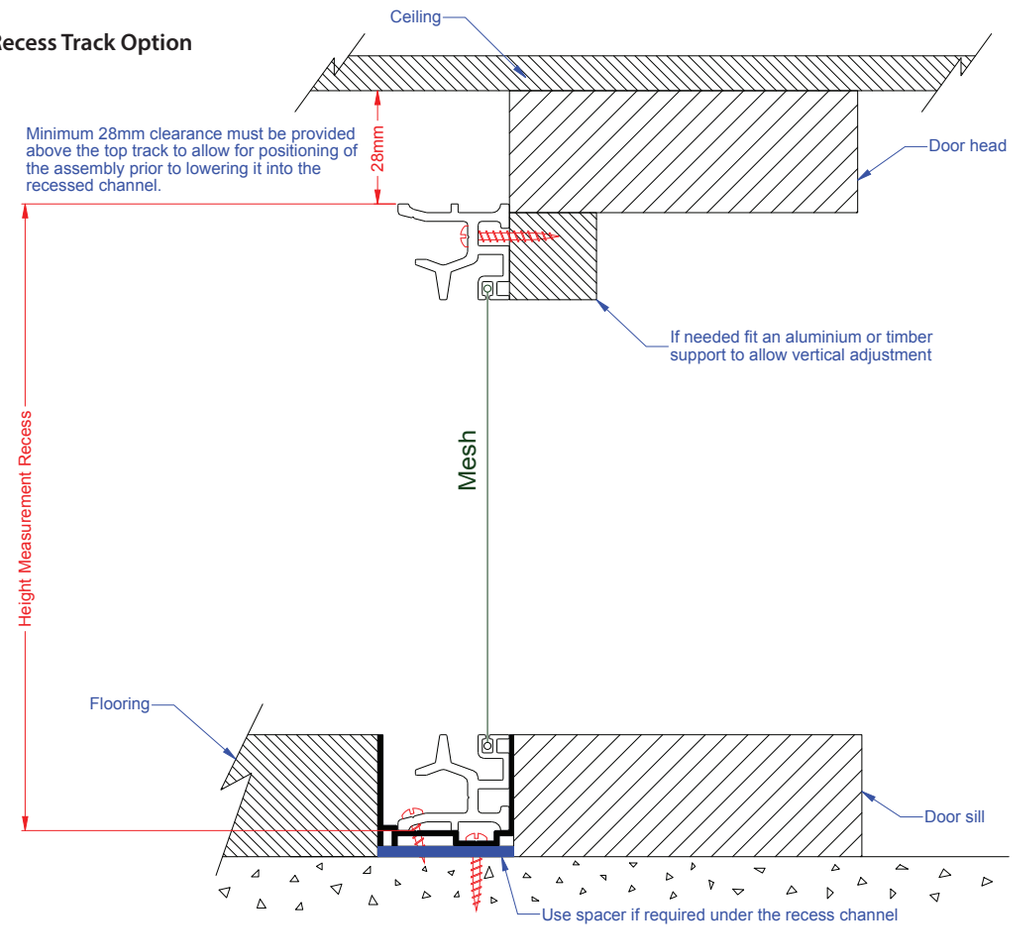
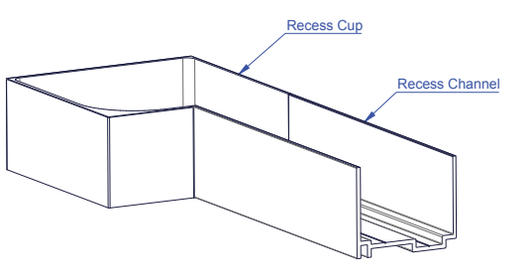
Securo® - Side Roll

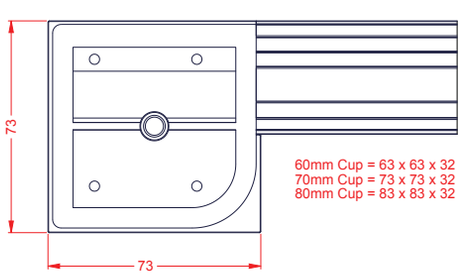
SPECIFICATIONS

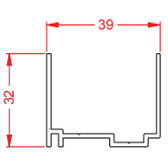
Securo® Side Roll - Installation Options

Recess Track Option

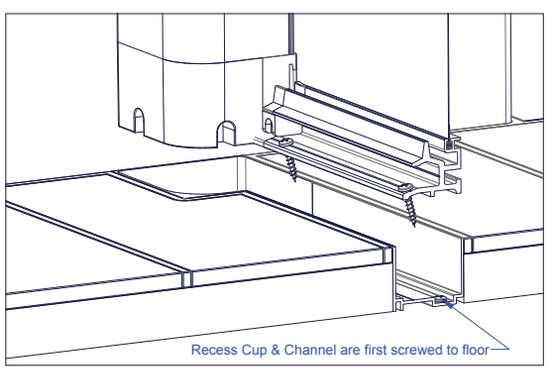


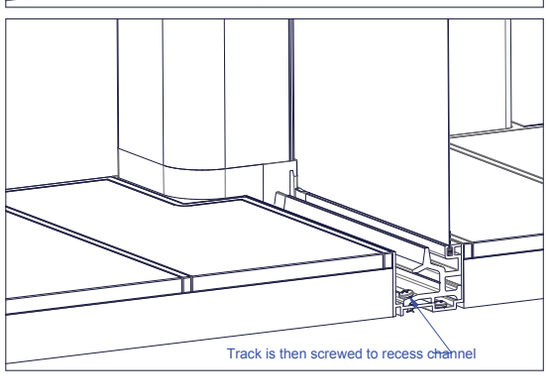






Recess channel & cup assembly may be fitted first to allow flooring to be completed. The screen unit may then be fitted at a later stage near project completion.





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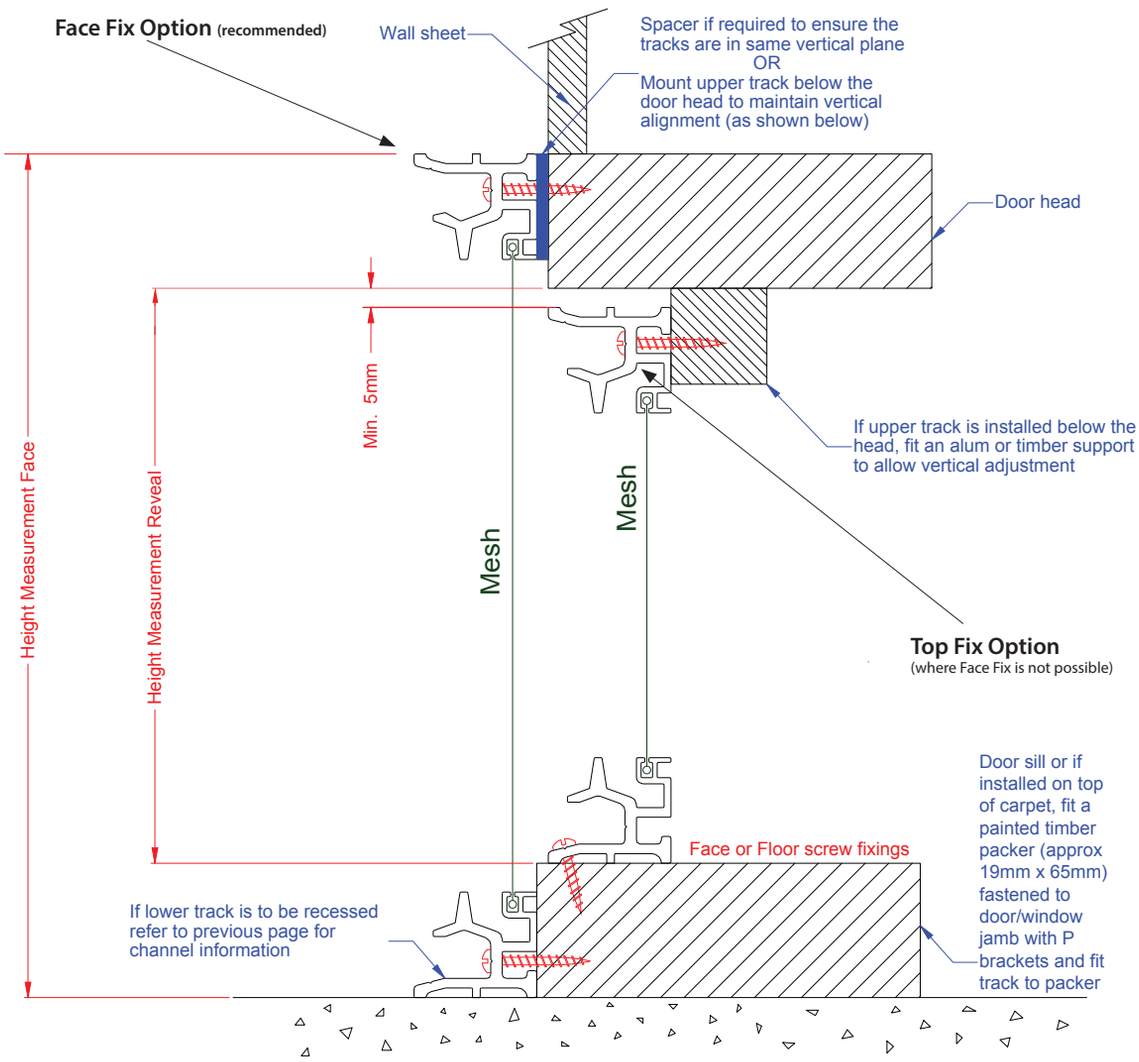
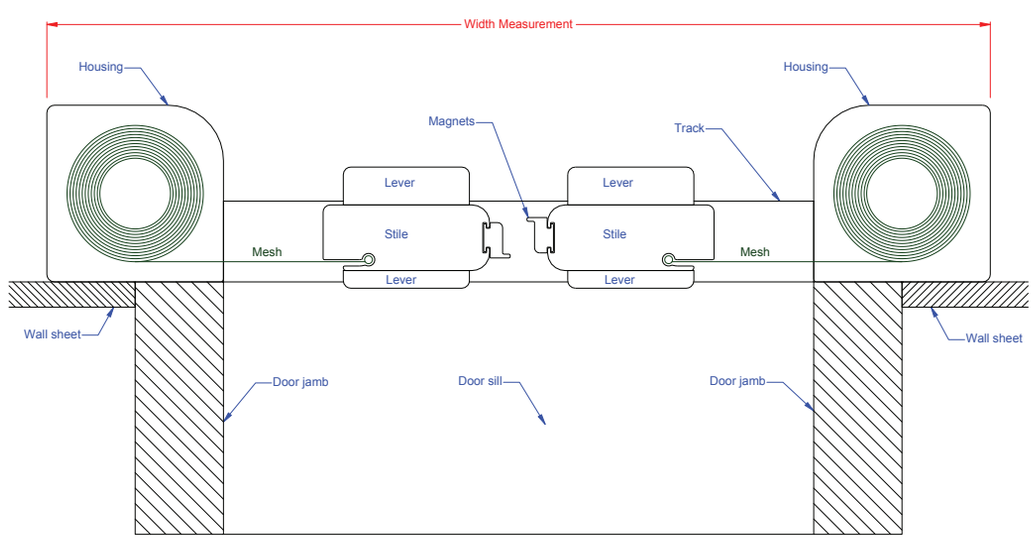
Securo® - Side Roll

SPECIFICATIONS

Options for Face Fix and Top Fix (inside door/window jamb)



Double Screen



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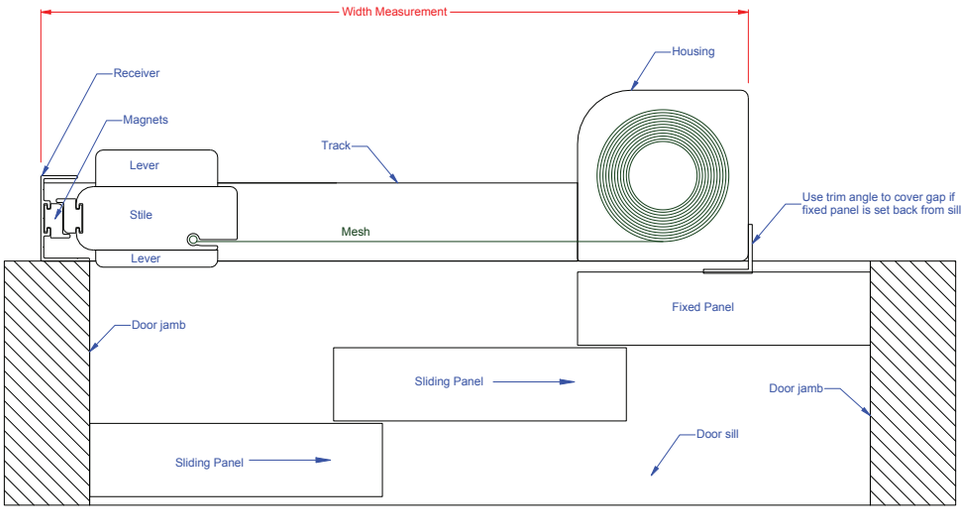
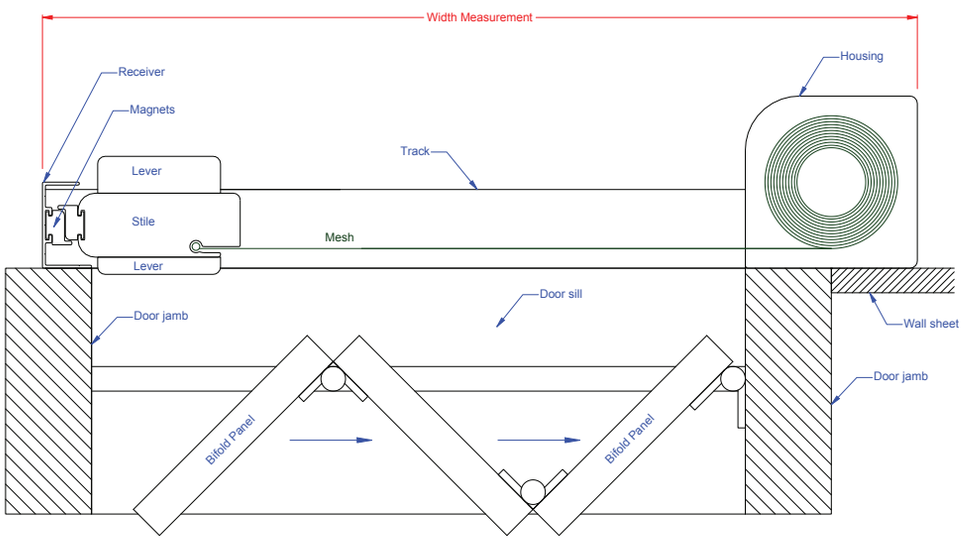
Securo® - Side Roll

SPECIFICATIONS

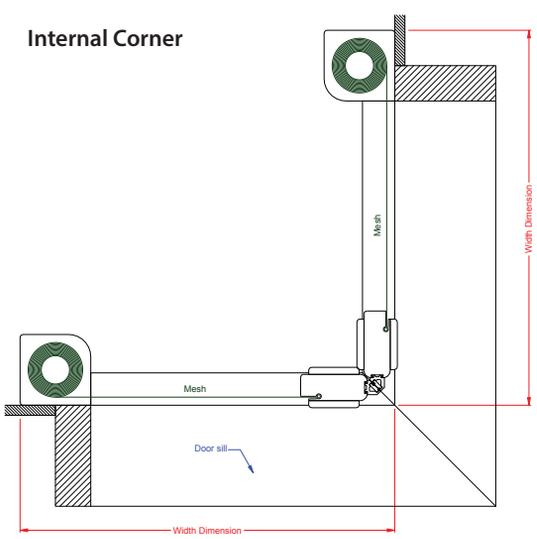
Exterior Sliding Stacking Doors



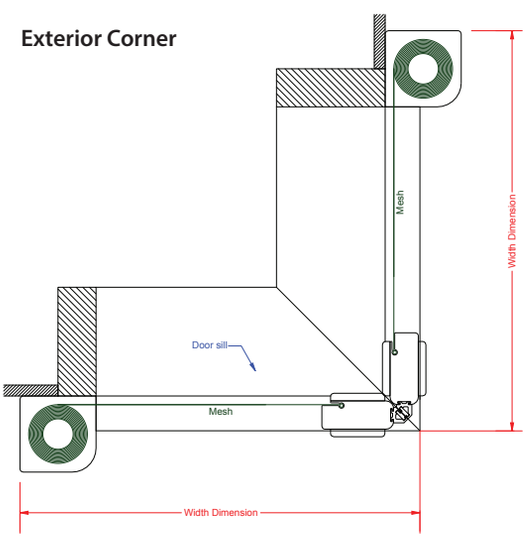
Exterior Bi-Fold Doors



Internal Corner



Exterior Corner



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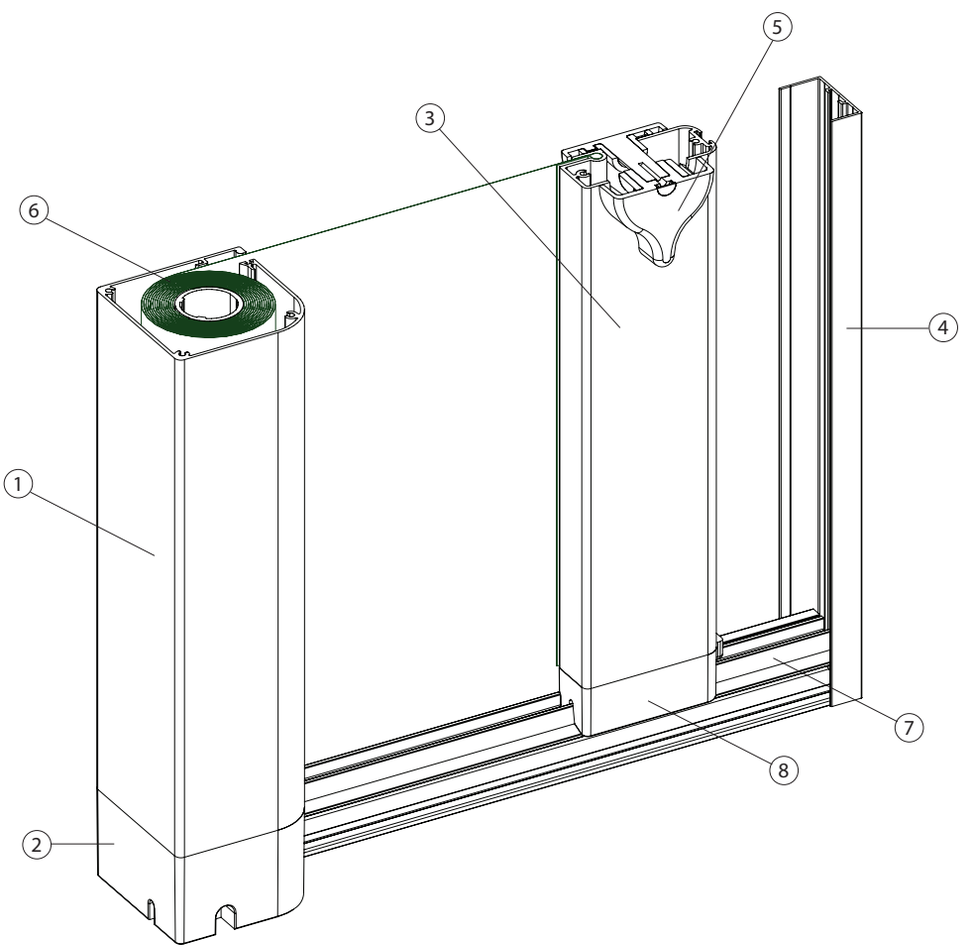
Securo® - Side Roll

SPECIFICATIONS

Securo® Side Roll

Size Limits		
Housing	***Single***	***Double***
60mm Insect Super Screen 240gm/m²	Up to 1600mm width x 2700mm drop	Up to 3200mm width x 2700mm drop
70mm Insect Super Screen 240gm/m²	Up to 2800mm width x 2700mm drop	Up to 5600mm width x 2700mm drop
80mm Insect Super Screen 240gm/m²	Up to 4000mm width x 2700mm drop	Up to 8000mm width x 2700mm drop



Key Numbers

1. Housing : Aluminium
2. End Cap : PVC
3. Stile : Aluminium
4. Receiver : PVC
5. Brake Handle : PVC
6. Tube : Aluminium
7. Track : Aluminium
8. Stile Cap and Brake : PVC
9. Magnet : Magnet

Note:
- Colours available for Key numbers (1, 3, 4, 7) are : U6 Metal, New White, T6 Ivory, Z2 Matte Black
- Colours available for Key numbers (2, 5, 8) are : Black, White

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Securo® - Fabric

SPECIFICATIONS

Fabric Overview

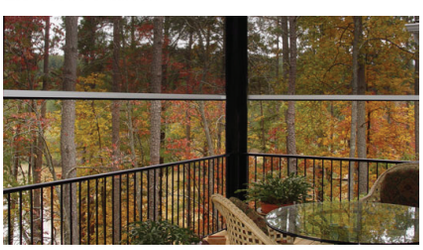
The Window Treatments range of fabrics offers endless opportunities when used in commercial or domestic internal applications. We supply various fabrics which comprise of intelligent energy saving screen fabrics, ecologically friendly, fire retardant, PVC free, mould and mildew resistant, light-filtering to block-out fabrics. For all fabrics, specifications are available on request.

Sunscreen:
The intelligent fabrics M-Screen and E-Screen ranges have been assessed and listed on Ecospecifier as an environmentally friendlier choice. They can achieve significant reductions in the demand for air conditioning, reducing electricity consumption and greenhouse gas emissions. The Techno Screen range is very cost effective and works well in both commercial and domestic situations. Techno Screen is dimensionally stable and comes in a wide range of colours in both 5% and 3% openness. Both Screen ranges are fire retardant.

Light-filtering Fabrics:
Our light filtering fabrics provide more privacy than screen fabrics but still allow you to enjoy ambient light. The lighter the fabric colour the more ambient light you will achieve in the room. 100% polyester and acrylic coated, the Filtra range is also PVC Free.

Block-out Fabrics:
We carry an extensive range of block-out fabrics, some with a textured finish and others with foam or white flocked acrylic backing. These fabrics are ideally suited for computer rooms, offices, home theatre and bedrooms as they prevent glare and provide complete block-out when required. Most of our block-out fabrics are PVC free and all are resistant to mould and fungi, making block-out blinds ideal for installations in areas of high humidity and moisture.

Exterior Fabric:



When using ***Securo*® Wire Guide** for exterior applications, we recommend TEXTILENE® NANO™ 95 Solar Screen which is a durable and tough woven vinyl coated 420 denier polyester core yarn that is formulated to withstand solar damage.

For ***Securo*® Insect Screen**, Window Treatments uses Super Screen® (Clear View) woven fabric with .014" diameter vinyl coated 420 denier polyester core yarns in the warp and weft.

Fabric Types:

Fabric Type	Maximum Width	Maximum Drop without Weld	Maximum Drop with Weld	Internal	External
***Securo*® Insect Screen**					
Super Screen	1.95m	2.15m		Yes	No
***Securo*® Junior**					
Textilene® Nano™ 95	1.95m	1.3m		Yes	Yes
M Screen	1.95m	1.5m		Yes	No
Block-out	1.95m	2.2m		Yes	No
Enviroshade & Filtra	1.95m	2.15m		Yes	No
***Securo*® Channel Guide 75**					
Textilene® Nano™ 95	3.9m	1.3m		Yes	Yes
M Screen	3.9m	1.5m		Yes	No
Block-out	3.9m	2.2m		Yes	No
Enviroshade & Filtra	3.9m	2.0m		Yes	No
Clear PVC	3.9m	1.37m		Yes	Yes
***Securo*® Channel Guide 95**					
Textilene® Nano™ 95	3.9m	3.0m		Yes	Yes
M Screen	3.9m	3.0m		Yes	No
Block-out	3.9m	2.7m		Yes	No
Enviroshade & Filtra	3.9m	2.4m	3.0m	Yes	No
Clear PVC	3.9m	1.37m	2.7m	Yes	Yes
M Screen 3.0m subject to availability					
***Securo*® Max**					
Textilene® Nano™ 95	10m	3.0m		Yes	Yes
*Techno Screen	10m	3.0m		Yes	No
***Securo*® Side Roll**					
Insect Super Screen	4.0m	2.7m		Yes	Yes

*For Securo® Max blinds exceeding 3000mm wide Techno Screen is railroaded and a disclaimer is required.

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Securo® - Fabric

SPECIFICATIONS

TEXTILENE® NANO™ 95

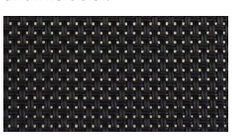
Solar Screen Fabric 5% Openness

When using ***Securo®* Wire Guide** or ***Securo®* Max Wire Guide** for exterior/interior applications we recommend **TEXTILENE® NANO™ 95** Solar Screen. This fabric is a tough woven durable vinyl coated 420 denier polyester yarn that is formulated to reduce heat transfer through windows before it reaches the glass. This fabric also reduces the glare and harmful rays from the sun. Flame resistant and fade resistant, **TEXTILENE® NANO™ 95** Solar Screen is a durable alternative for insect screen. Excellent for daytime privacy without blocking the view, this versatile fabric will endure years of outdoor use. **TEXTILENE® NANO™ 95** Solar Screen blocks up to 95% of the sun's rays. **TEXTILENE® NANO™ 95** Solar Screen specifications are available on request.

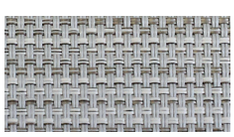
Attribute	ATSM	Warp	Fill	Typical
CONSTRUCTION, end/inch	D3775-96	34.0 ± .5	34.0 ± .5	
WEIGHT oz/yd² / g/m²	D3776-96			14.7 / 498.5
TENSILE STRENGTH (Grab), lbf / kgf	D5034-95	423.6 / 192.1	382.2 / 173.4	
TENSILE STRENGTH (Strip), lbf / kgf	D5033-95	218.5 / 99.1	188.4 / 85.5	
TENSILE STRENGTH (Trapezoidal), lbf / kgf	D1117-97	58.4 / 26.5	42.2 / 19.1	
ELONGATION, %	D5035-95	25.9	28.3	
ABRASION RESISTANCE (CS10/500 cycles/ with no added weight)	D3884-92	No exposure of core yarn		
FLAMMABILITY RATING	CA Title 19 & NFPA 701			
WEATHERABILITY, 1200 hours	G53-96	No Discolouration		
MILDEW RESISTANCE	G21-96	Pass		
THICKNESS, inches/mm				0.026" / .66mm

Twitchell Exterior Shade Material - 45 Degree Profile Angle									
Description	Ts	Rs	As	Tv	Rv*	Av*	O-F*	SC 1/8" Cl.	R-Factor* 1/8"
Dark Colours	8	8	84	7	9	77	9	0.18	1.365
Light Colours	9	23	68	10	27	56	9	0.17	1.365

Fire Classification: Passes California U.S. Title 19 (small scale), NFPA701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), and CAN/ULC-S 109-03 (large and small scale).
Environmental Certification: GREENGUARD gold certified. Acceptable for use in environments such as schools and healthcare facilities. Complies with requirements of the State of California's Department of Public Health "Standard Method for Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1 (2010)" (also known as California Section 01350).
RoHS Compliant: Free of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chronium (Hex-Cr), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE).
Bacteria and Fungal Resistance: Passes ASTM E 2180, ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273. Includes specially formulated antimicrobial.


Black

Charcoal


Shadow Texture

PLEASE NOTE: Colours shown are indicative only. Fabric samples are available on request.

Insect Screen

Composition Super Screen® (Clear View) - A woven fabric using .014" diameter vinyl coated 420 denier polyester core yarns in the warp and weft. Super Screen® (Clear View) specifications are available on request.

Clear PVC

Composition PVC Super Clear sheet laminated
Thickness 0.75mm

Physical Properties		1.0mm x 48PHR	0.8mm x 46PHR	Test Method
TENSILE STRENGTH (kg/cm²)	MD	278.1	253.8	ASTM D-882
	CD	230	223.1	
ELONGATION (%)	MD	350	338	ASTM D-882
	CD	387	385	
TEAR STRENGTH (kg/mm)	MD	8.2	8.5	ASTM D-1004
	CD	8.7	8.0	

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