

Basswood & Cedar Shutters

SPECIFICATIONS

Introduction

Basswood and Cedar Shutters may be used for a variety of reasons: visibility and airflow, controlling the amount of sunlight that enters a room, privacy, security and the ability to enhance the aesthetics of a building or terrace access, adding to the practicality and mood of any interior. Window Treatments' traditional European styled Basswood & Cedar shutters are an aesthetically pleasing and versatile window management system. Cedar is recognised for its natural beauty, rich colour, durability, insulating properties and acoustics. Basswood is a hardwood which is durable, lightweight and has a fine straight grain material with an even texture, consistent colour and low resin content. Both Cedar and Basswood have good finishing properties which accept oil based paint and exterior stain for long lasting finishes.

Basswood & Cedar Shutters can be either fixed permanently in place, hinged, bi-fold or sliding, depending on your preference and application. Louvres can be adjustable or fixed within the shutter frame. Full height shutters are made with a mid-rail which separates the upper and lower portions of the shutter, with operable louver shutters this gives greater control as the louvres above the mid-rail can be operated independently from the louvres below the mid-rail.

Tilt control options for adjusting the louver position on **Basswood** Shutters include, a Tilt Rod positioned on the front of the shutter, a Clear View tilt rod positioned at one side at the back of the shutter or a Concealed Tilt Mechanism hidden inside one of the stiles (rack and pinion system)

Tilt control options for adjusting the louver position on **Cedar** Shutters include a Tilt Rod positioned on the front of the shutter or, a Clear View tilt rod positioned at one side at the back of the shutter.



Quick Glance

| Type | | Basswood | Cedar |
|-------------------------|---|---|--|
| Louvres | Louvre Size | 47.6mm (Aerofoil only), 64mm, 89mm, 114mm (Flat Blade or Aerofoil) | 68mm (Flat blade), 68mm, 90mm (Aerofoil) |
| Tilt Bar Options | Tilt Bar Position Clear View Concealed Tilt | Centre, Left or Right Yes Yes | Centre, Left or Right Yes No |
| Style | Hinged Bi-fold Straight Sliding Fixed Louvres (ventilated) Fixed Louvres (non-ventilated) Special Shape Shutters | Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Yes |
| Stile Options | Square Rabbet D-mould | Yes Yes Yes | Yes Yes Yes |
| Hardware | Tracking Systems Hardware | Yes Yes | Yes Yes |
| Frame Options | Stiles Mid-rail Light Stop Hang Strips L Frames Z Frames T Post U Channel Corner Post | Yes Yes Yes Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Painted Only Yes Painted Only Painted Only |
| Finish | Stained Oiled Lacquered Painted | Yes No No Yes | No Yes Yes Yes |



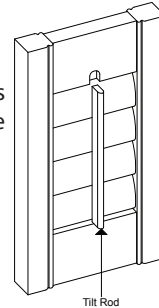
Basswood & Cedar Shutters

Tilt Rod, Louvre Size, Louvre Style

Tilt Rod Control Position:

Plantation

Standard position for the tilt bar control on Plantation shutters is centred within the frame. Alternatively, the tilt bar can be positioned off-centred left or right. The off-centred option is mainly used for bi-fold panels to allow the panels to fold onto each other without hitting the tilt bar. A tilt rod (in conjunction with a hooked push pole) is also used for high/out of reach and special shaped shutters.

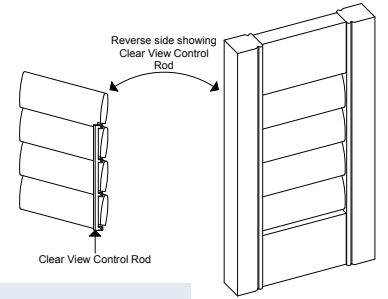


Plantation

Clear View

The Clear View control option for Basswood and Cedar shutters is a metal tilt rod rebated into the side of the louvre blade on the reverse side of the panel. This allows for cleaner lines and a clear view through the shutter once the louvres are opened or closed. The standard Clear View tilt bar position is on the hinged stile side of the louvre blades. The Clear View option is also used for sliding shutter applications as this decreases light gap measurements and allows each shutter panel to sit closer to one another reducing the depth of the shutters when stacked.

Clear View

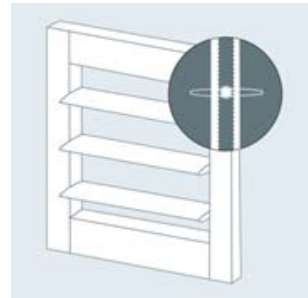


Clear View Control Rod

Concealed Tilt Mechanism (Basswood Shutters only)

The Concealed Tilt Mechanism option for Basswood shutters is enabled via a rack & pinion mechanism which is completely hidden inside one of the shutter stiles. This creates a very clean, minimalistic appearance and is particularly suited when the tilting of the shutters is motorised.

Note: This option is not available for Cedar Shutters.



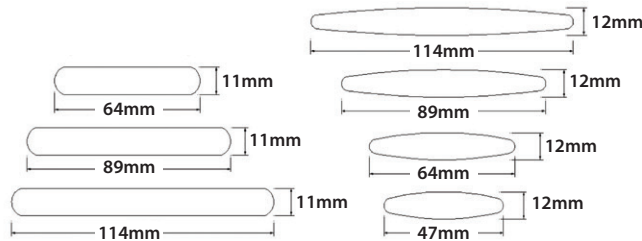
Concealed Tilt Mechanism

Louvre Size and Tensioning Screw

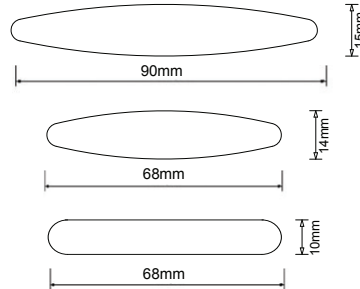
Various size louvres are available with a choice of two profiles. The first is an aerofoil blade which is elliptical in shape (i.e. thicker in the middle and tapered to the front and back). An aerofoil louvre is stronger than the alternative traditional flat blade 68mm louvre. Note Flat blade is not available in 50mm louvre size.

For Basswood shutters, we have a unique tensioning screw which is used to adjust the tension of the louvres. This comes into its own specifically for full height shutters where adjusting the tensioning screw allows the movement of louvres with ease.

Basswood Louvre Widths

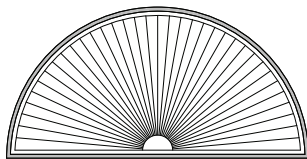


Cedar Louvre Widths

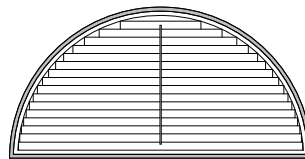


Louvre Style for Special Shape Shutters

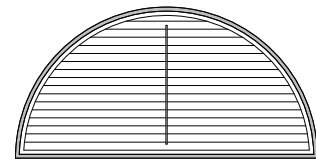
For Basswood and Cedar special shape shutters, Window Treatments supplies 3 louvre style options. Note Flat blade is not available in 50mm louvre size.



Sector 89mm
Available louvre - 89mm



Full Open
Available louvres - 50, 64, 68, 89, 90mm



Half Open
Available louvres - 50, 64, 89mm

| Type | Option | Available Louvre Size |
|----------|-----------|-----------------------|
| Basswood | Sector 89 | 89mm |
| | Full Open | 50mm, 64mm, 89mm |
| | Half Open | 50mm, 64mm, 89mm |

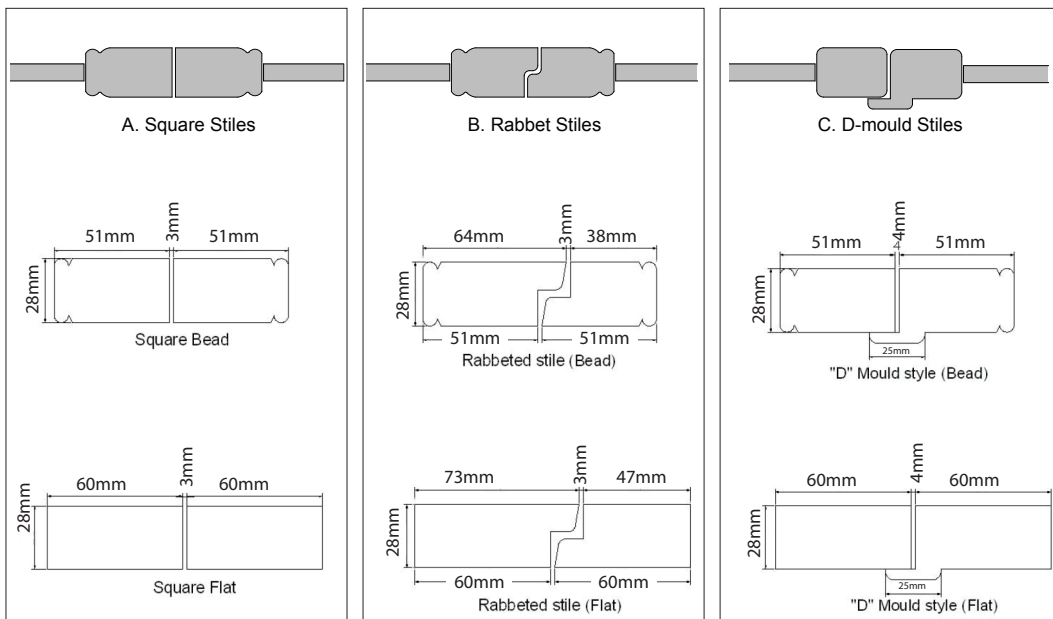
| Type | Option | Available Louvre Size |
|-------|-----------|-----------------------|
| Cedar | Full Open | 68mm, 90mm |

Basswood & Cedar Shutters

- Stile options

Stiles

Window Treatments supplies 3 stile options: Square, Rabbet, and D-mould. For light gaps, Rabbet or D-mould stiles are used to provide a light block where two panels overlap or interlock.



Please Note: If there is only one panel then only square stile is available. When the shutter has 2 panels connected with hinges, all stile options are available.

Square stile (Flat)



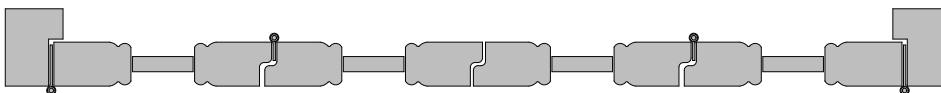
Square Stile (Bead)



Square Stiles (Bead)



Square & Rabbet Stiles



Square Stile



Square & D-mould



SPECIFICATIONS

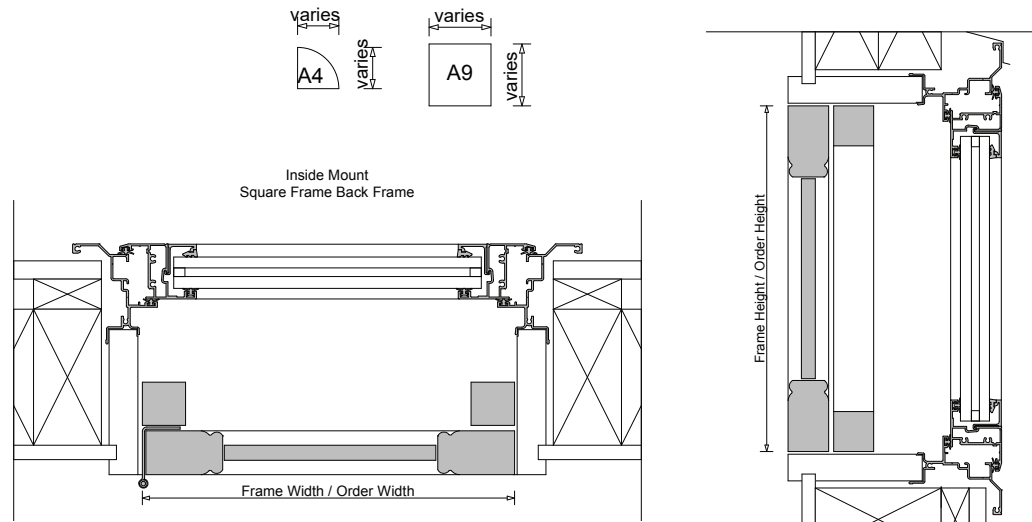
Basswood & Cedar Shutters

- Light stop & Mount types, Square frames & Mount types

SPECIFICATIONS

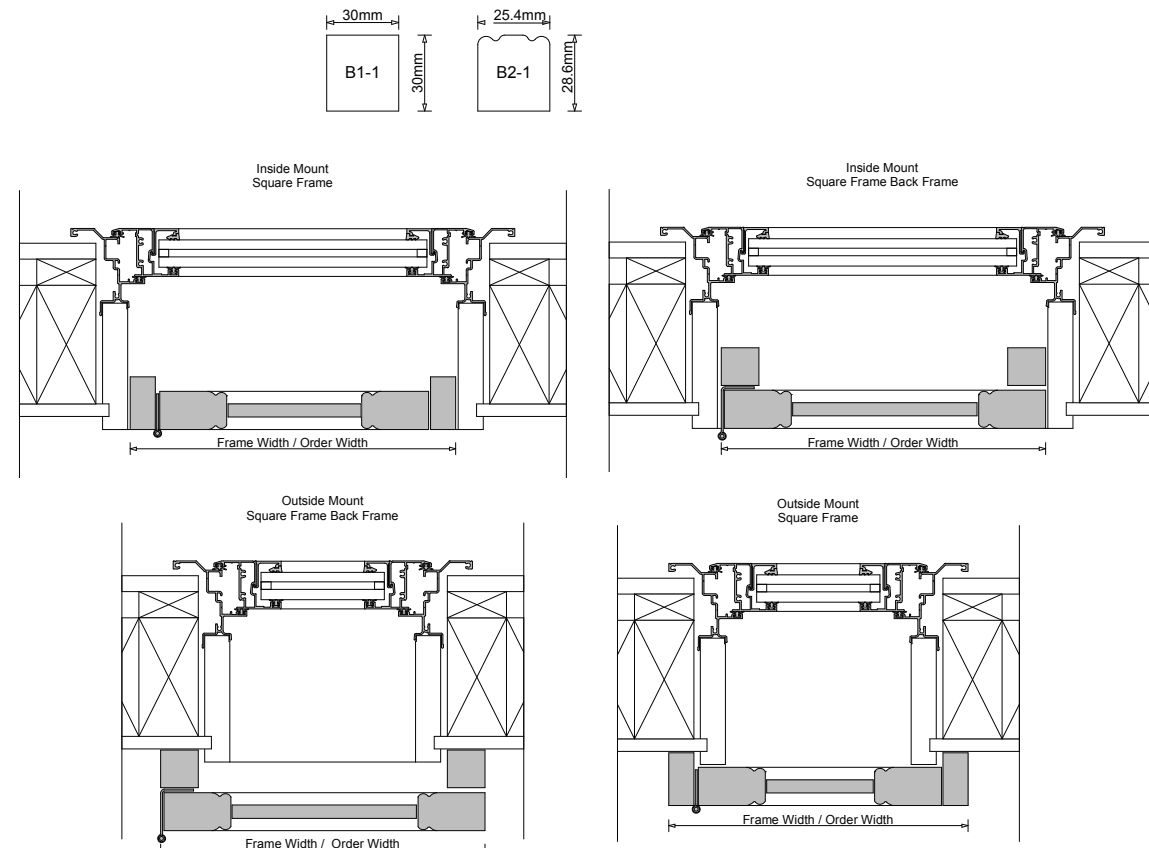
Light Stop

| Shutter Type | Type | Frame Options | Benefit |
|-------------------|------------|---------------|---|
| Basswood or Cedar | Light Stop | A4, A9, | Provides a light block where panels are hinged. |



Square Frame

| Shutter Type | Type | Frame Options | Benefit |
|-------------------|--------------|----------------------------|--|
| Basswood or Cedar | Square Frame | B1-1 Standard, B2-1 Beaded | 2 Style options are available: Standard and Beaded. Our Standard square frame is best suited to an outside mount application. Our Beaded square frame is best suited to an inside mount application. Using our Standard square frame with a Steadman hinge allows you to protrude the panel past the window opening, giving the ability to hang the shutter panel square in the frame. |

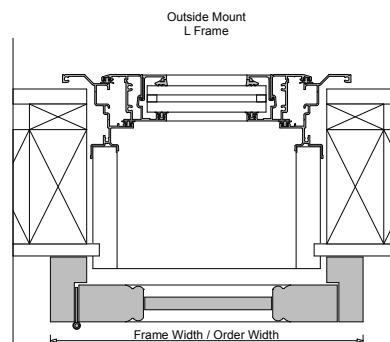
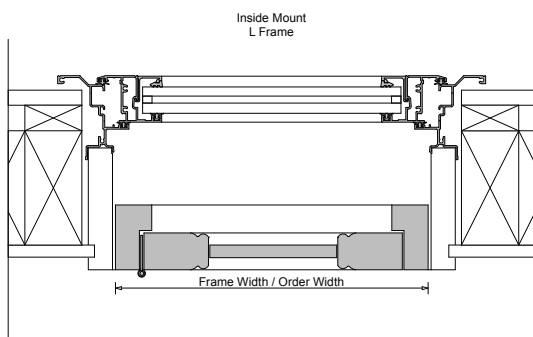
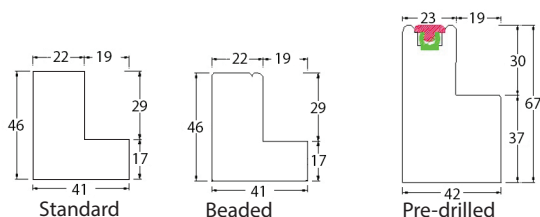


Basswood & Cedar Shutters

L Frames & Mount types, T-Posts & Mount types

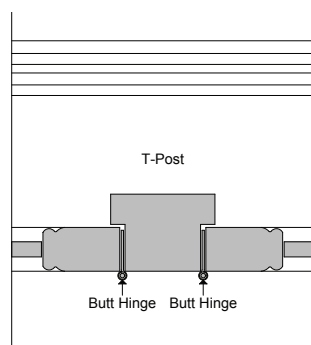
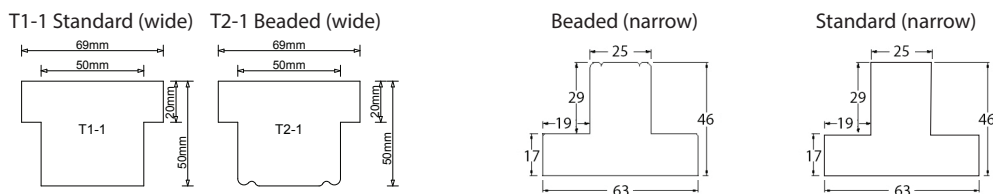
L Frame

| Shutter Type | Type | Frame Options | Benefit |
|-------------------|---------|------------------------------|--|
| Basswood or Cedar | L Frame | Standard, Beaded, Predrilled | L Frames are used to provide hanging options for single and multiple panels for outside and inside mount applications using a Butt or Steadman hinge. Using Standard and Beaded L Frames with a Steadman hinge allows you to protrude panel past window opening. This gives you the ability to hang the shutter panel square in the frame and closes light gap for flush mounted hinges. Ideal when there is no architrave in the opening. |



T Post

| Shutter Type | Type | Frame Options | Benefit |
|-------------------|--------|--|---|
| Basswood or Cedar | T Post | T1-1 Standard (wide), T2-1 Beaded (wide), Standard (narrow), Beaded (narrow) | T Posts are used to provide hanging options for single and multiple panels for outside and inside mount applications using a Butt hinge. They give you the ability to hang the shutter panel square in the frame. The T Post closes the light gap for flush mounted hinges. Ideal when there is no architrave in the opening. |



SPECIFICATIONS

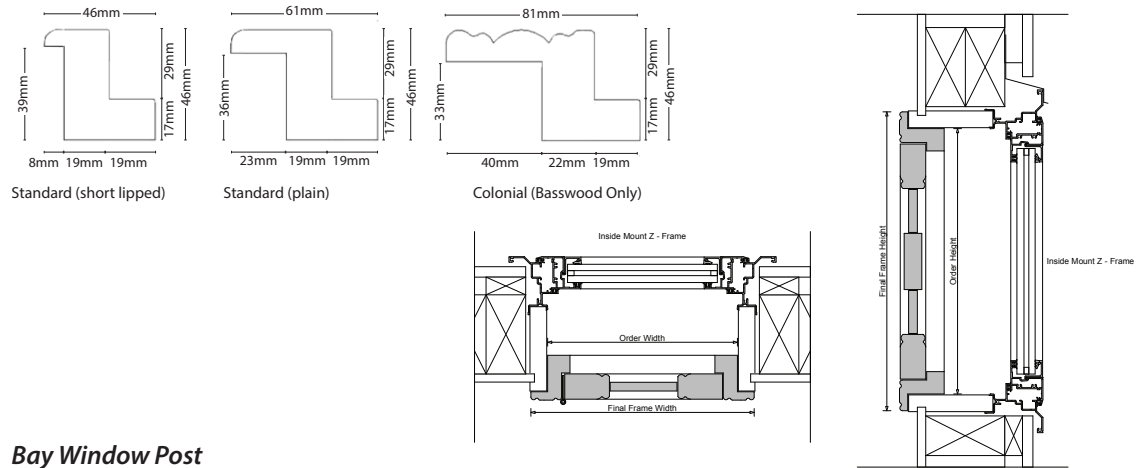
Basswood & Cedar Shutters

Z Frames, U Channel, Corner Post & Mount types

SPECIFICATIONS

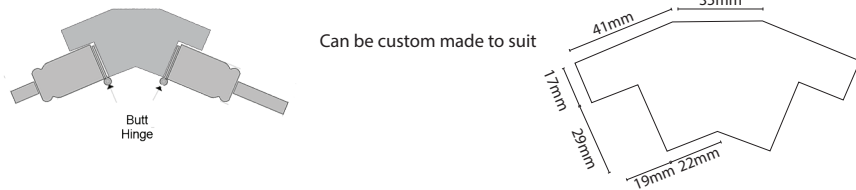
Z Frame

| Shutter Type | Type | Frame Options | Benefit |
|-------------------|---------|---|--|
| Basswood or Cedar | Z Frame | Standard (short lipped) Standard (plain) Colonial (Basswood only) | Z Frames are used to provide hanging options for single and multiple panels within an opening. Plumbing the window frame closes the light gap for flush mounted hinges. The Z frame wraps around the reveal edge, making it ideal for covering out-of-square windows. 2 style options are available: Standard or Colonial. |



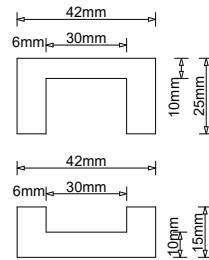
Bay Window Post

| Shutter Type | Type | Frame Options | Benefit |
|-------------------|-----------------|-----------------|---|
| Basswood or Cedar | Bay Window Post | Bay Window Post | Bay Corner Posts are used to provide hanging options for single and multiple panels within a bay window application. Closes light gap for flush mounted hinges. Bay Window Posts are manufactured according to the size required for each installation. |



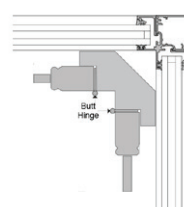
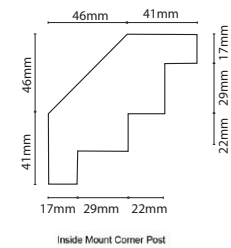
U Channel

| Shutter Type | Type | Frame Options | Benefit |
|-------------------|-----------|---------------|---|
| Basswood or Cedar | U Channel | Top, Bottom | Top and bottom 'U Channels' are ideal for incline roof applications or when access to windows is not required. The louvres can open and close and the panel can easily be removed by lifting the shutter up into the top channel and out at the bottom. To refit the reverse applies. |



Corner Post

| Shutter Type | Type | Frame Options | Benefit |
|-------------------|-------------|---------------|---|
| Basswood or Cedar | Corner Post | CO-PO | Corner Posts are used to provide hanging options for single and multiple panels within a corner application. Closes light gap for flush mounted hinges. Corner Posts are manufactured according to the size required for each installation. |



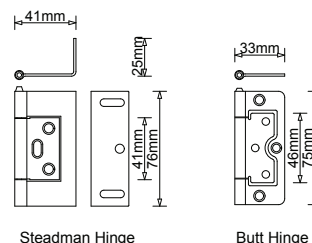
Basswood & Cedar Shutters

Panel types - Hinged, L Frame & T Post Hinged

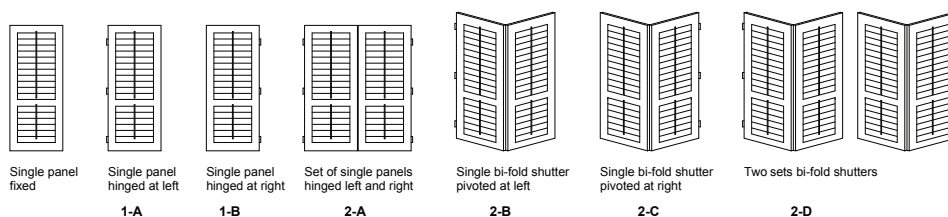
Panel Types

Panel Types refers to the variations of each type of shutter: single panel fixed, single panel hinged, bi-folds, L Frame and T Post, straight sliding and bi-fold track variations.

The type of hinge used for a single panel, bi-fold, L Frame and T Post and for Rabbet stiles applications is a Butt hinge. However, if you require your panel to protrude past the window opening, a Steadman hinge is required hinged from a hang strip.



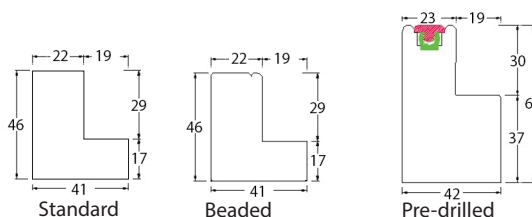
Hinged



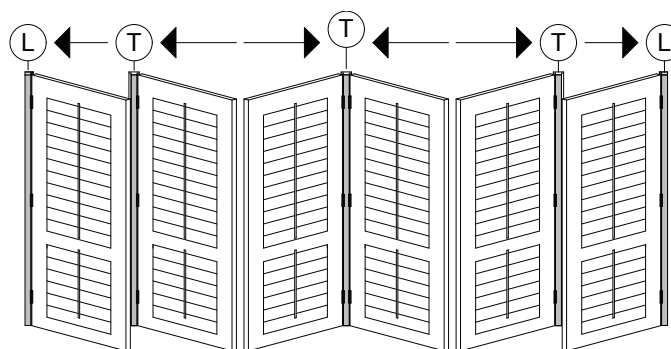
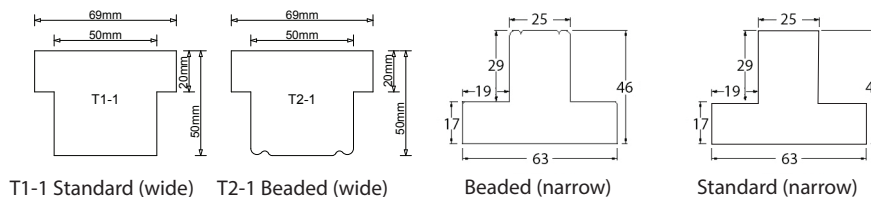
L Frame and T Post Hinged

When tracks are not feasible, L Frame and T Posts are used to provide hanging options for single and multiple panels within an opening or outside the opening window.

Basswood & Cedar (L Frame)



Basswood & Cedar (T Post)



L Frame & T Post hinge options

SPECIFICATIONS

Basswood & Cedar Shutters

- Panel types - Hinged, L Frame & T Post Hinged - Contd.

L Frame and T Post Hinged - cont.

Key

| | |
|---------|---|
| T means | Panel is hinged from a T Post or closes onto a T Post |
| L means | Panel is hinged from a L Frame or closes onto a L Frame |
| → means | Panel direction to the right |
| ← means | Panel direction to the left |

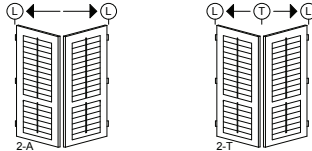
One Panel

Variations:



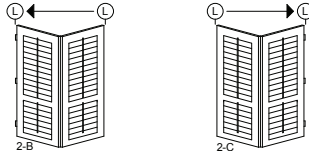
Two Panel - Individually Hinged

Variations:



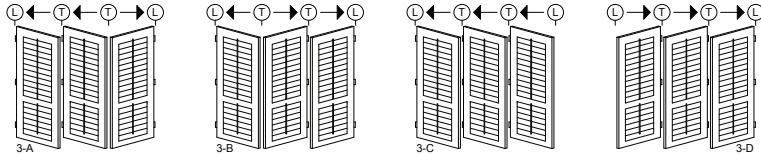
Two Panel - Bi-fold

Variations:



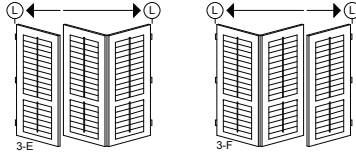
Three Panel - Individually Hinged

Variations:



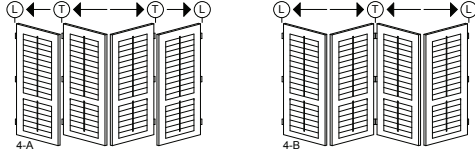
Three Panel - Bi-fold

Variations:



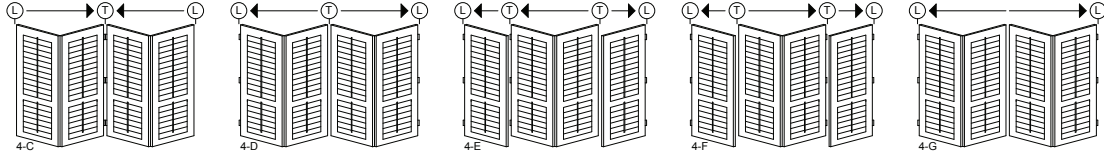
Four Panel - Individually Hinged

Variations:



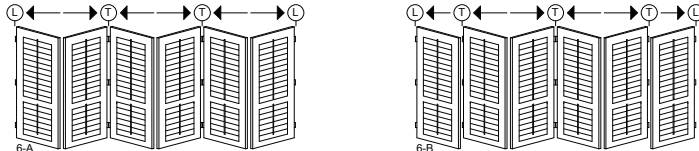
Four Panel - Bi-fold

Variations:



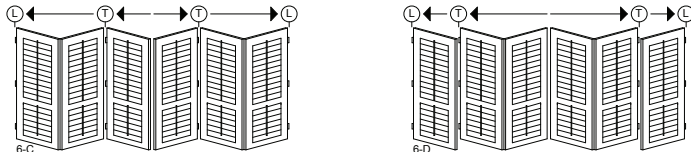
Six Panel - Individually Hinged

Variations:



Six Panel - Bi-fold

Variations:

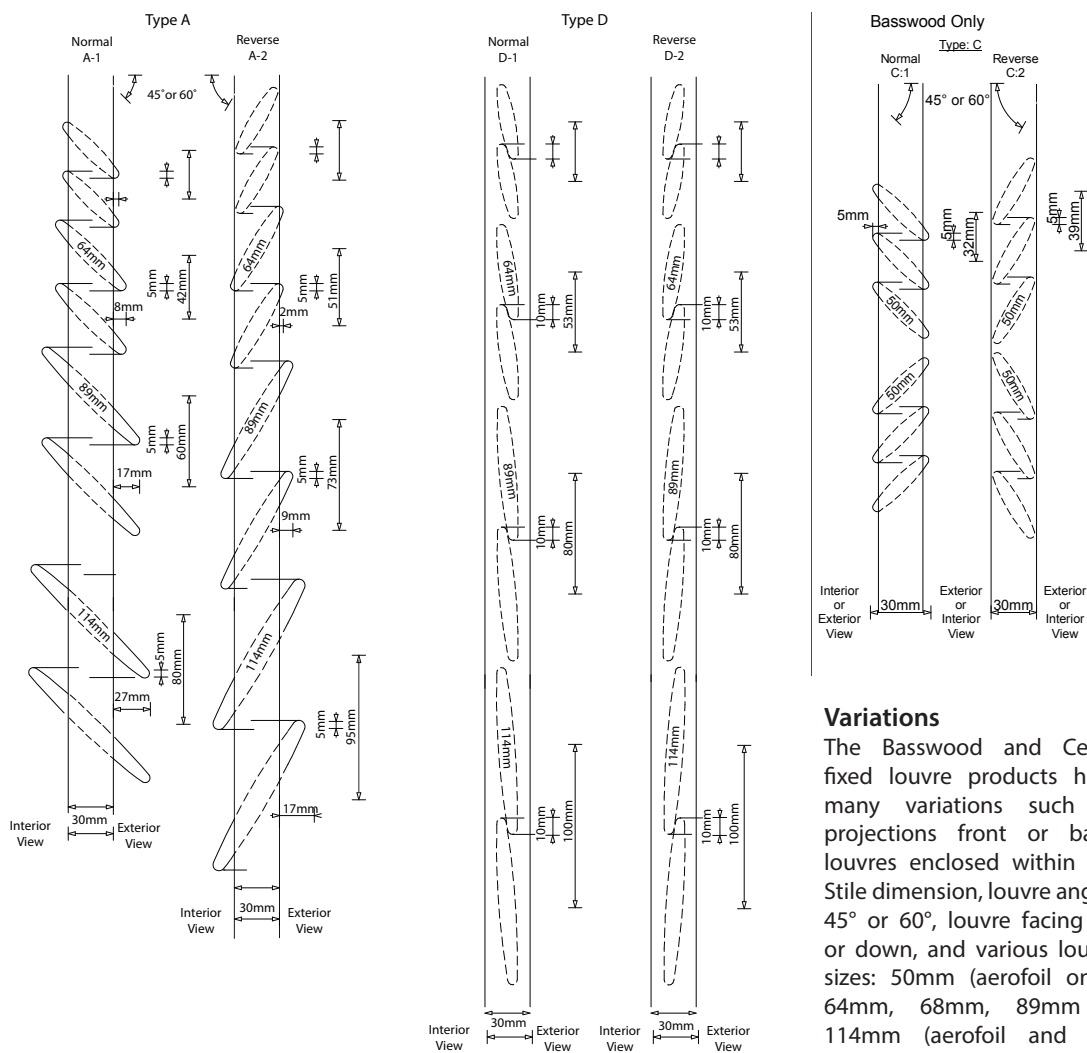


Basswood & Cedar Shutters

Fixed Shutters

Fixed Shutters

Fixed louvres are permanently open (ventilated) or permanently shut (non-ventilated). Permanently open means that there is always ventilation while blocking line of sight. Fixed louvres may be employed for a variety of reasons: to control the amount of sunlight that enters a room, to provide privacy and security, protect against weather, unwanted intrusion or damage and to enhance the aesthetics of a building.



Variations

The Basswood and Cedar fixed louvre products have many variations such as projections front or back, louvres enclosed within the Stile dimension, louvre angles 45° or 60°, louvre facing up or down, and various louvre sizes: 50mm (aerofoil only), 64mm, 68mm, 89mm & 114mm (aerofoil and flat blade).

SPECIFICATIONS

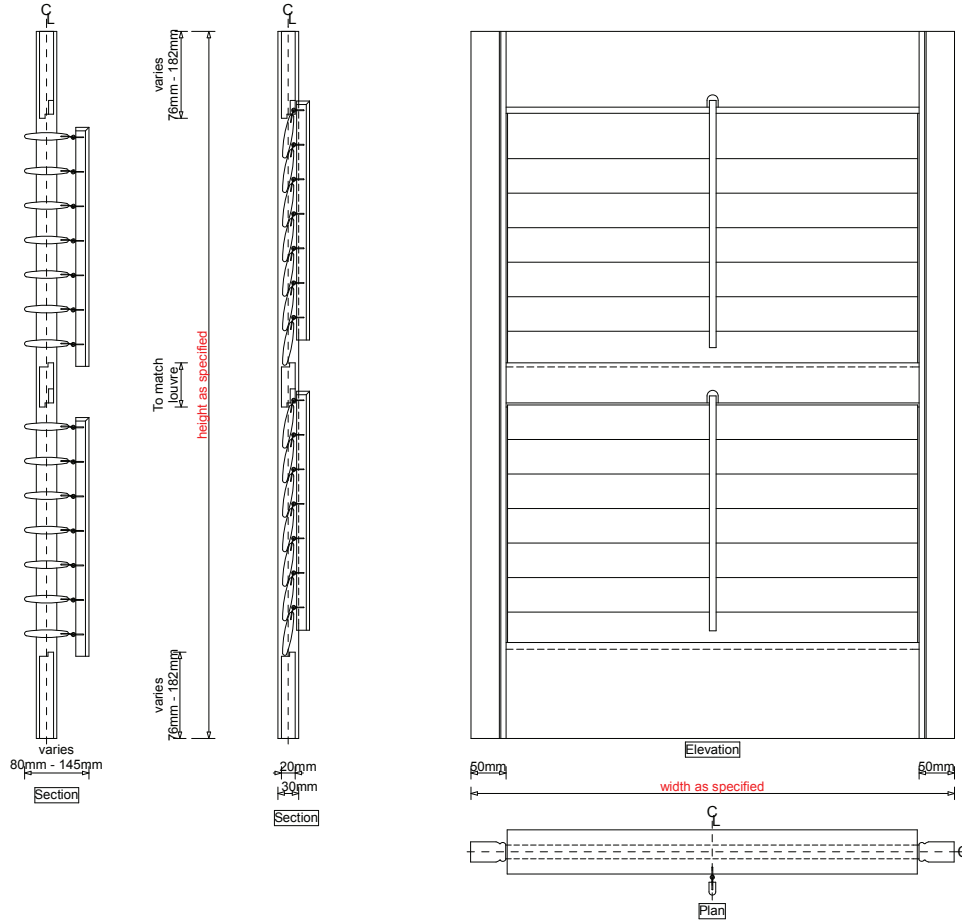
| | Type A | | Type C | | Type D | |
|--|-----------------------------|-----------------------------|------------------|------------------|-----------------------------|-----------------------------|
| | Normal A-1 | Reverse A-2 | Normal C-1 | Reverse C-2 | Normal D-1 | Reverse D-2 |
| Stile (Basswood) | 50 x 30mm | 50 x 30mm | 50 x 30mm | 50 x 30mm | 50 x 30mm | 50 x 30mm |
| Stile (Cedar) | 60 x 30mm | 60 x 30mm | | | 60 x 30mm | 60 x 30mm |
| Louvres (Basswood) | 50, 64, 89, 114mm | 50, 64, 89, 114mm | 50mm | 50mm | 50, 64, 89, 114mm | 50, 64, 89, 114mm |
| Louvres (Basswood) Aerofoil | 64, 89, 114mm | 64, 89, 114mm | | | 64, 89, 114mm | 64, 89, 114mm |
| Louvres (Basswood) Flat Blade | 68, 90mm | 68, 90mm | | | 68, 90mm | 68, 90mm |
| Louvres (Cedar) | 45° or 60° | 45° or 60° | 45° or 60° | 45° or 60° | 45° or 60° | 45° or 60° |
| Angles | Normal | Reverse | Normal | Reverse | Normal | Reverse |
| Louvre Facing | 0, 2, 9, 17mm | 0, 2, 9, 17mm | | | 0, 2, 9, 17mm | 0, 2, 9, 17mm |
| Projection (Basswood) | 8, 9, 17mm | 0, 3, 9mm | | | 8, 9, 17mm | 0, 3, 9mm |
| Projection (Cedar) | Painted, Stained | Painted, Stained | Painted, Stained | Painted, Stained | Painted, Stained | Painted, Stained |
| Finish (Basswood) | Painted, Oiled or Lacquered | Painted, Oiled or Lacquered | | | Painted, Oiled or Lacquered | Painted, Oiled or Lacquered |
| Finish (Cedar) | | | | | | |
| Note: For Flat blade louvres (both Basswood & Cedar) add 2mm to above Projection sizes | | | | | | |

Basswood Shutters

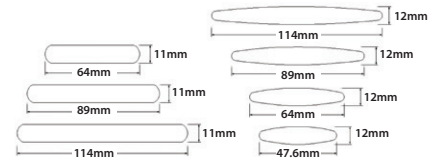
Plantation Specifications

SPECIFICATIONS

Basswood Plantation Specifications



| Louvre Size | | |
|---------------------|---------------|--|
| Type | Size | Options |
| Louvre - Aerofoil | 47.6mm x 12mm | Half Open, Fixed, Ventilated, Fixed Non-Ventilated |
| Louvre - Aerofoil | 64mm x 12mm | " " " " " " " " " " |
| Louvre - Aerofoil | 89mm x 12mm | " " " " " " " " " " |
| Louvre - Aerofoil | 114mm x 12mm | " " " " " " " " " " |
| Louvre - Flat blade | 64mm x 12mm | " " " " " " " " " " |
| Louvre - Flat blade | 89mm x 12mm | " " " " " " " " " " |
| Louvre - Flat blade | 114mm x 12mm | " " " " " " " " " " |



| Finish | |
|---------|---|
| Type | Options |
| Stain | Nature, Oak, Rose, Mahogany, Black walnut, Desert, Ash, Gum-nut, Maple, Coffee bean, Black, or custom colour |
| Painted | White, Snow, Swiss coffee, Creamy, Butter, Super white, Pearl white, Eggshell, Pearl, Bristle half, Antique white, White on white or custom painted |

| Width & Height Hinged | |
|-----------------------|-----------------------------|
| Type | Size |
| Maximum Width | 900mm (Single Panel hinged) |
| Maximum Width | 650mm (Bi-fold Panel) |
| Maximum Width | 1000mm (Sliding or Fixed) |
| Minimum Width | 250mm (Single Panel) |
| Minimum Height | 260mm |
| Maximum Height | 2800mm |

| Stile & Rails | | |
|---------------|--|-------------------------|
| Type | Size | Options |
| Stile | 50mm x 30mm Colonial | Square, Rabbet, D-mould |
| Top Rail | 70mm - 160mm x 20mm (varies, depends on height of panel) | |
| Mid Rail | 64, 90, 114mm x 20mm (varies, depends on Louvre size) | |
| Bottom Rail | 70mm - 160mm x 20mm (varies, depends on height of panel) | |
| Tilt Bar | 19mm x 12mm centred | |

| Recess | |
|---------------|---|
| Size | Please Note: |
| 100mm - 150mm | Varies, depending on louvre size. Size of 150mm based on 114mm louvre |

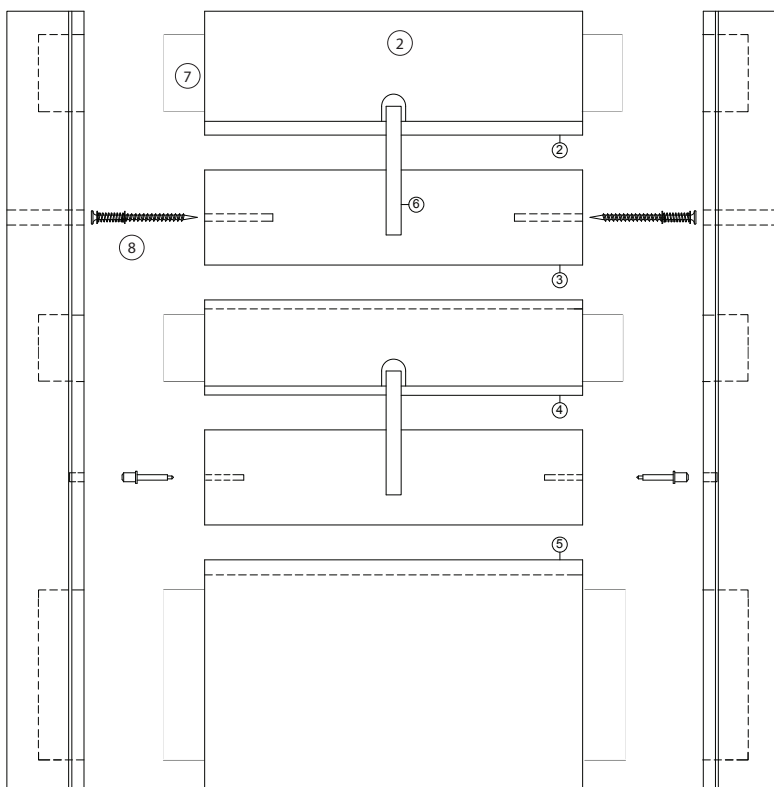
| Construction | |
|-----------------------------------|---|
| Type | Size |
| Joints | Mortise and Tenon (Top, Middle, Bottom Rail) |
| Tension Screw & Spring for Louvre | 8g x 70mm Wood Screw Stainless Steel |
| Louvre Dowels & Spring | Ø4 & Ø 6, 2 Plastic Dowels, Carbon Steel Spring |
| Eye Screw | Stainless Steel |
| Pin for Metal Tilt Rod | 2g x 20mm, Brass |
| Clear View Tilt Rod | 3mm x 14mm, Metal |

| Track Systems | | |
|----------------|---|--|
| Type | Multi-fold 25 | Single Run 60 |
| Maximum Width | 650mm per Panel (maximum 8 x Panels on each side) | 900mm per Panel (maximum 6 x Panels on each track) |
| Maximum Height | 3000mm | 3000mm |
| Maximum Weight | 25kg per Panel | 60kg per Panel |

Basswood Shutters

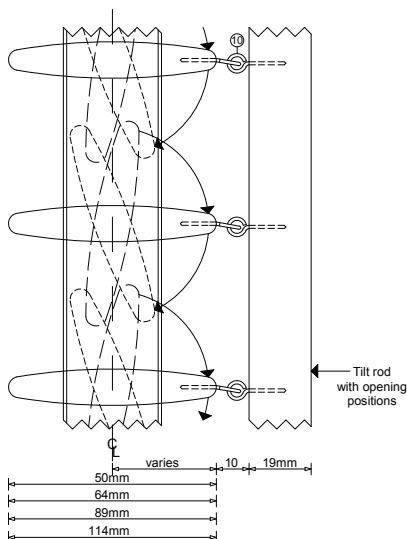
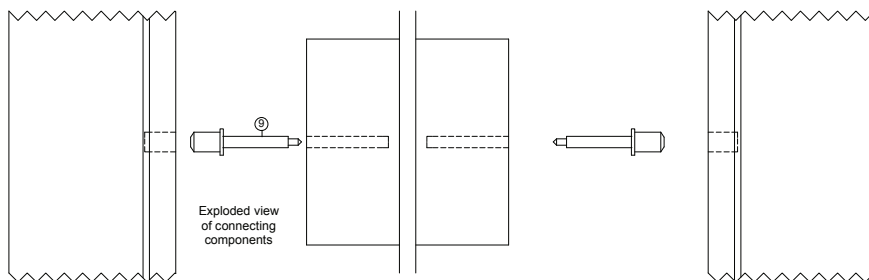
Plantation Construction

Basswood Plantation Construction



Component List

1. Stile
2. Top Rail
3. Louvre
4. Mid Rail
5. Bottom Rail
6. Tilt Bar
7. Mortise & Tenon joint
8. Tension Screw
9. Louvre Dowel
10. Eye Screw



Construction

The Basswood shutter is constructed using a mortise and tenon joint to join the stiles, middle rail and bottom rail together as one frame. As the shutter height and rail size increase so does the size of the mortise and tenon joint. This strengthens, braces and prevents the frame from twisting, bowing or sagging. The louvres are mounted to the stile using the louvre dowel components, the tilt bar is then mounted to the louvres with the eye screws. The tension screw is then mounted through the stile into the louvre and tensioned. The mid rail must be used when the shutter is over 1800mm in height. This is designed to give greater strength to the shutter frame. The benefit of the mid rail option is that it allows the shutter louvres to have two sections at different angles for privacy, light and airflow. Maximum panel height for Basswood shutters with a mid rail is 2800mm, without a mid rail maximum height is 1800mm.

SPECIFICATIONS

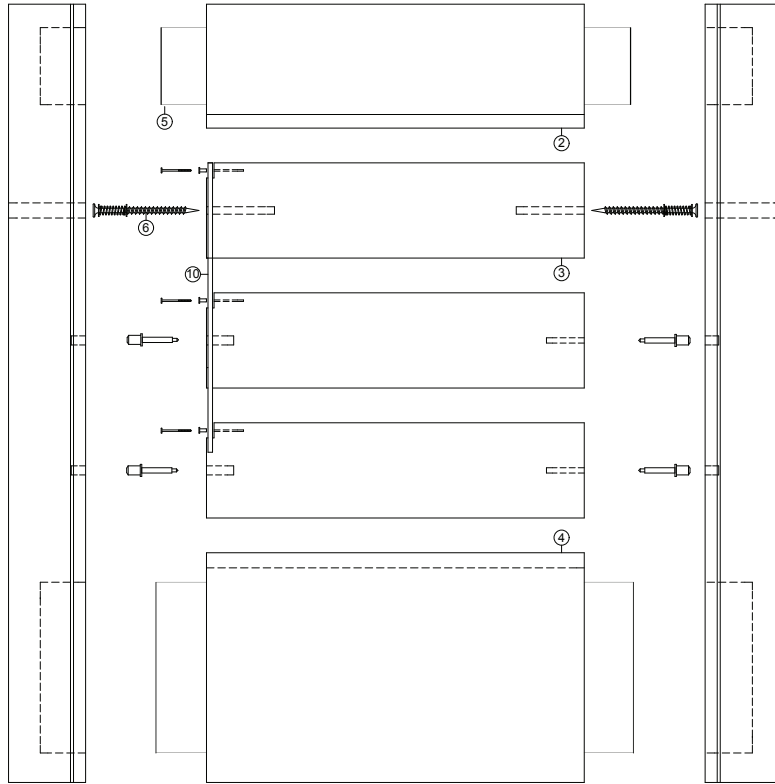


Basswood Shutters

Plantation Clear View Construction

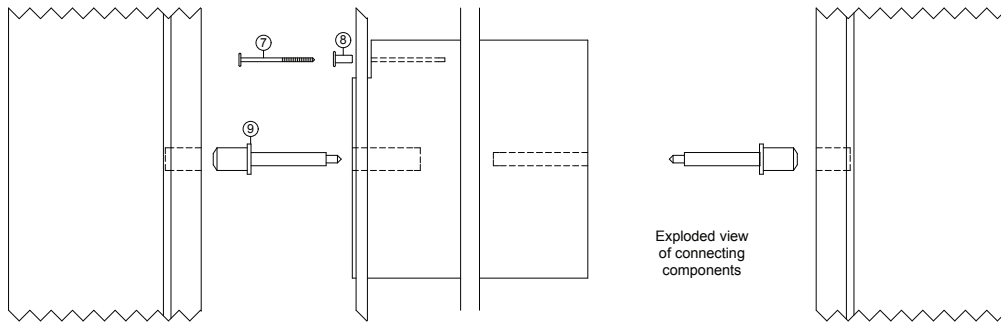
SPECIFICATIONS

Basswood Clear View Construction

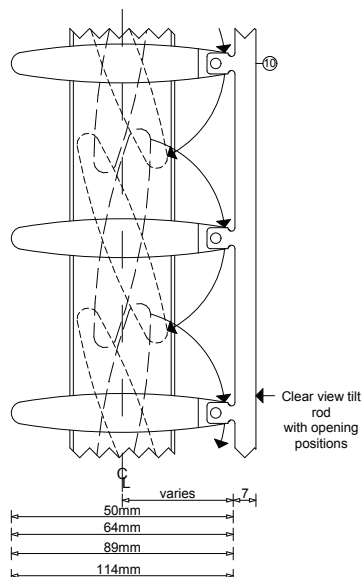


Component List

1. Stile
2. Top Rail
3. Louvre
4. Bottom Rail
5. Mortise & Tenon Joint
6. Tension Screw
7. SS Nail
8. SS Nut
9. LouvreDowel
10. Clear View Aluminium



Exploded view of connecting components



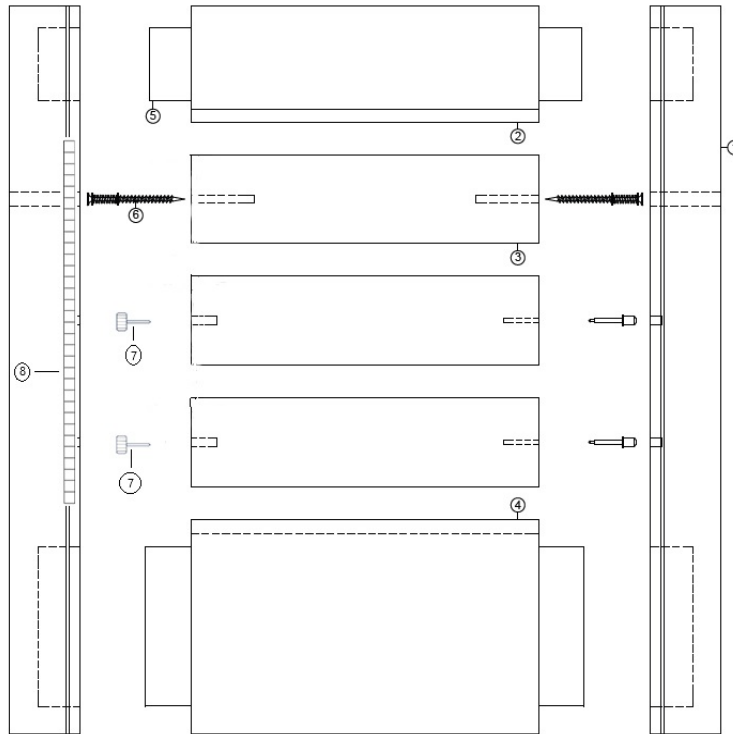
Construction

The Clear View shutter is constructed the same way as the standard Plantation shutter with the exception of the tilt bar which is replaced with the Clear View metal tilt rod option. This tilt bar is rebated into the side of the louvre blade (on the reverse side of the panel) allowing for cleaner lines with unobtrusive view through the shutter when the louvres are open or closed. This option is ideal for sliding shutter applications as this decreases light gap measurements and allows each shutter panel to sit closer to one another.

Basswood Shutters

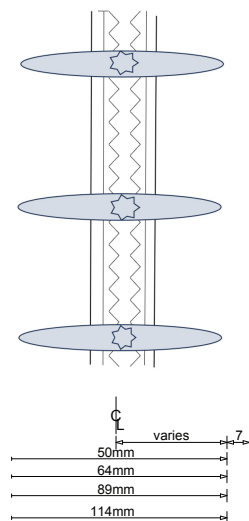
Plantation Concealed Tilt Construction

Basswood Concealed Tilt



Component List

1. Stile
2. Top Rail
3. Louvre
4. Bottom Rail
5. Mortise & Tenon Joint
6. Tension Screw
7. Louvre Tilt Pinion
8. Concealed Tilt Rack Mechanism



Construction

The Concealed Tilt Mechanism is constructed the same way as the standard Plantation shutter with the exception of the tilt bar which is replaced with the Concealed Tilt Mechanism option.

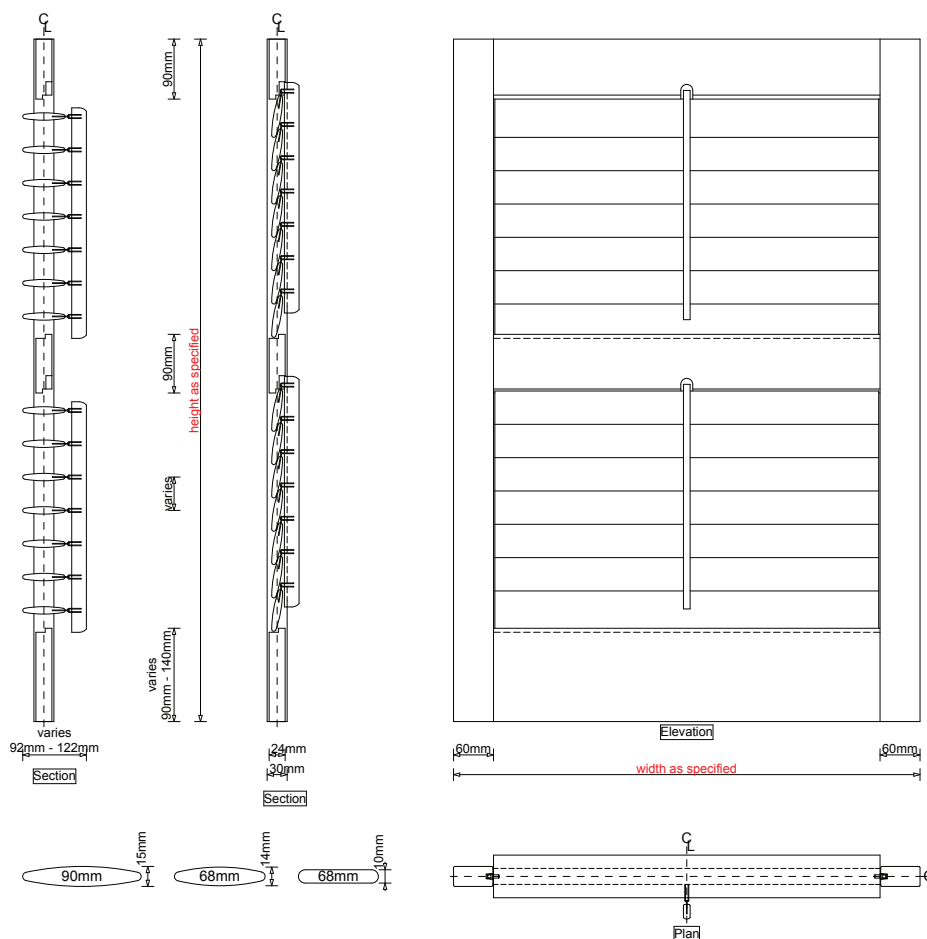
The Concealed Tilt Mechanism option for Basswood Shutters is enabled via a rack & pinion mechanism which is completely hidden inside one of the shutter stiles. This creates a very clean, minimalistic appearance and is particularly suited when the tilting of the shutters is motorised.

Note: This option is not available for Cedar Shutters

Cedar Shutters

- Cedar Plantation Specifications

Cedar Plantation Specifications



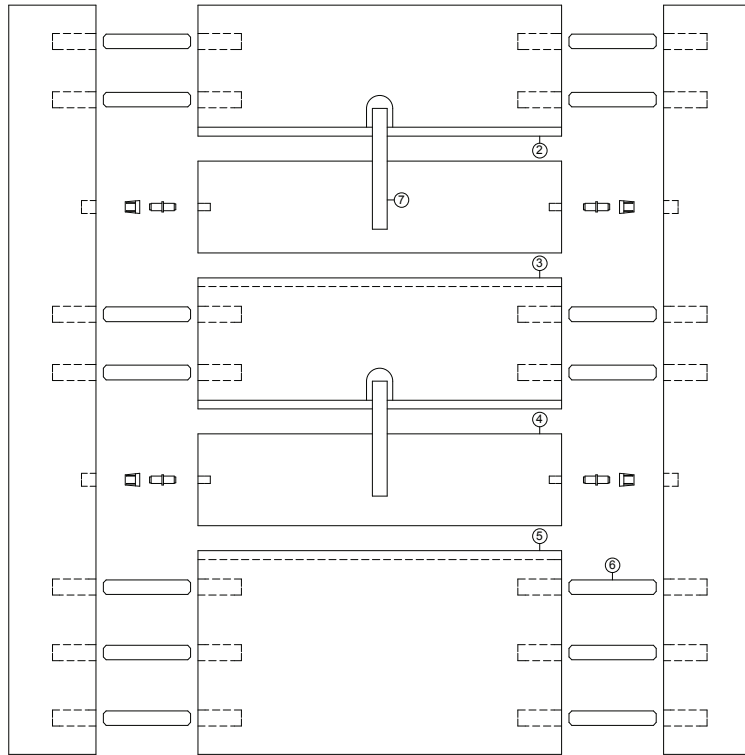
| | | | |
|----------------------------------|---|--|--|
| Louvre Size | | | |
| Type | Size | Options | |
| Louvre - Standard | 68mm x 10mm | Half Open, Fixed, Ventilated, Fixed Non-Ventilated | |
| Louvre - Aerofoil | 68mm x 14mm | " " " " " " " " " " | |
| Louvre - Aerofoil | 90mm x 15mm | " " " " " " " " " " | |
| Width & Height Hinged | | Construction | |
| Type | Size | Type | Size |
| Maximum Width | 950mm (Single Panel) | Joints | Ø10 Dowels (Top, Middle, Bottom Rail) |
| Maximum Height | 500mm (Bi-fold Panel) | Pivot Pin for Stile/Louvre | Ø10 x 18mm Pin (Nylon T66) |
| Minimum Width | 250mm (Single Panel) | Bush for Stile/Louvre | Ø8 x 10mm Bush (Nylon T66) |
| Minimum Height | 260mm | Staples for Tilt Bar/Louvre | 12mm for Tilt Bar (Steel) |
| Maximum Height | 3000mm | | 8mm for Louvre (Steel) |
| Finish | | Stile & Rails | |
| Type | | Type | Size |
| Oiled | | Stile | 60mm x 30mm |
| Lacquered | Clear (polyurethane) | | |
| Painted | Range standard colours or custom colour | Top Rail | 90mm x 24mm |
| | | Mid Rail | 90mm x 24mm |
| | | Shutters over 1500mm 1 mid-rail | |
| | | Shutters over 2950mm 2 mid-rails | |
| | | Bottom Rail | 90mm - 140mm x 24mm (varies, depends on height of panel) |
| | | Tilt Bar | 22mm x 12mm centred |
| | | | Left, Centre, Right or Clear View |
| Recess | | | |
| Size | Please Note: Varies, depends on Louvre size. Size, 122mm based on 90mm | | |
| 92mm - 122mm | | | |
| Track Systems | | | |
| Type | Multi-fold | Single Run | |
| Maximum Width | 620mm per Panel (maximum 8 x Panels on each side) | 950mm per Panel (maximum 6 x Panels on each track) | |
| Maximum Height | 3000mm | 3000mm | |
| Maximum Weight | 25kg per Panel | 60kg per Panel | |

SPECIFICATIONS

Cedar Shutters

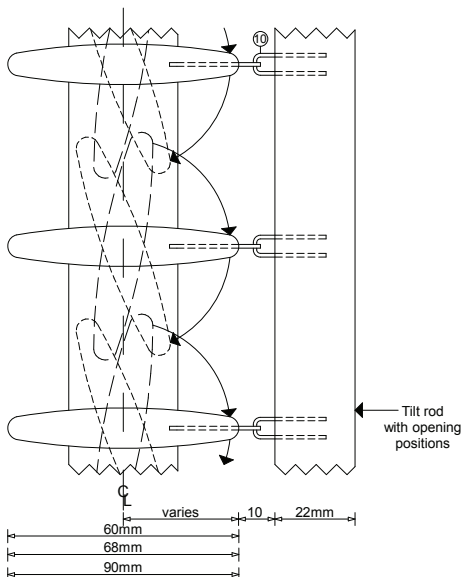
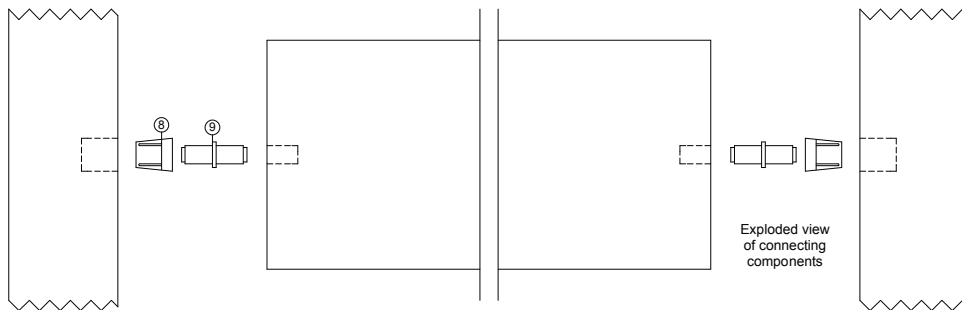
Cedar Plantation Construction

Cedar Plantation Construction



Component List

1. Stile
2. Top Rail
3. Mid Rail
4. Louvre
5. Bottom Rail
6. Dowel Joint
7. Tilt Bar
8. Pivot Bush
9. Pivot Pin
10. Staples



Construction

The Cedar shutter is constructed using hardwood dowelled joints and water based glue that are glued in place to join the stiles, middle rail and bottom rail together as one frame. The dowel size is Ø10mm. All rails have 2 dowels which strengthens, braces and prevents the frame from twisting, bowing or sagging. The louvres are mounted to the stile using the louvre pivot pin and stile bush components. The tilt bar is then mounted to the louvres with staples. A mid-rail must be used when the shutter is over 1500mm in height. This is designed to give greater strength to the shutter frame. Mid rails also allow the shutter louvres to have two sections at different angles for privacy, light and airflow. If the shutter is over 2950mm in height, two mid rails will be necessary.

Basswood & Cedar Shutters

- Special Shape Shutters

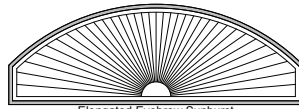
Special Shape Shutters

Shaped panels are designed to cover architecturally or irregular designed windows or openings. Their main attraction is the ability to follow the shape of these openings, keeping the integrity of the design.

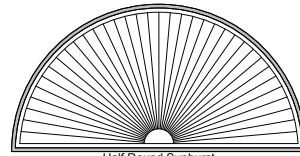
(note: not available in Basswood 50mm Flat Blade)



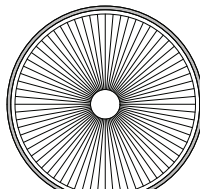
Eyebrow Sunburst
Available louvre - 89mm



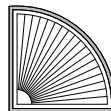
Elongated Eyebrow Sunburst
Available louvre - 89mm



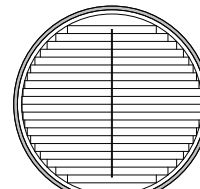
Half Round Sunburst
Available louvre - 89mm



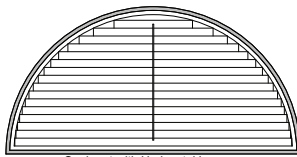
Circle Sunburst
Available louvre - 89mm



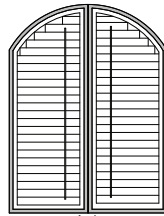
Quarter Sunburst
Available louvre - 89mm



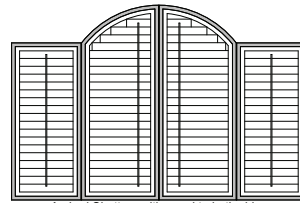
Circle with Horizontal Louvres
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation only



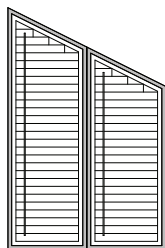
Sunburst with Horizontal Louvres
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation only



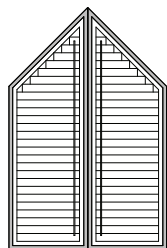
Arch
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation or Clear View



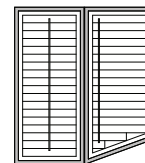
Arched Shutters with panel to both sides
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation or Clear View



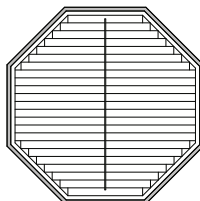
Rake
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation or Clear View



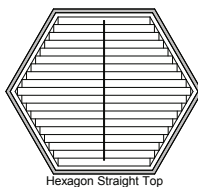
Triangle
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation or Clear View



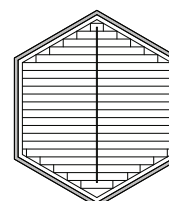
Tapered Shutters
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation or Clear View



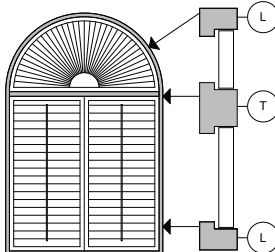
Octagon
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation



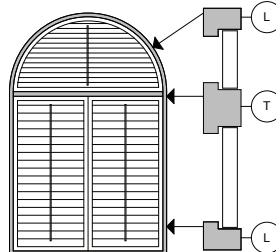
Hexagon Straight Top
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation



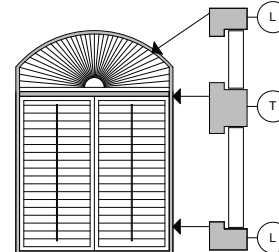
Hexagon Straight Sides
Available louvres - 50mm, 64mm, 89mm
Louvre open style - Full open or Half open
Tilt Rod - Plantation



Sunburst at top with T-post and Standard Shutter at bottom
Available louvres in bottom shutter - 50mm, 64mm, 89mm
Available louvres in Sunburst - 89mm
Bottom Tilt Rod - Plantation or Clear View



Sunburst with Horizontal Louvres at top with T-post and Standard Shutter at bottom
Available louvres in bottom shutter - 50mm, 64mm, 89mm
Available louvres in Sunburst - 89mm
Bottom Tilt Rod - Plantation or Clear View



Elongated Eyebrow Sunburst at top with T-post and Standard Shutter at bottom
Available louvres in bottom shutter - 50mm, 64mm, 89mm
Available louvres in Sunburst - 89mm
Bottom Tilt Rod - Plantation or Clear View

SPECIFICATIONS

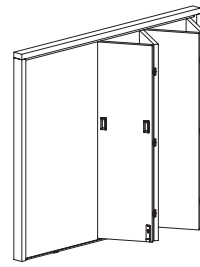
Basswood & Cedar Shutters

Hardware Technical - Tracking systems, Hinges

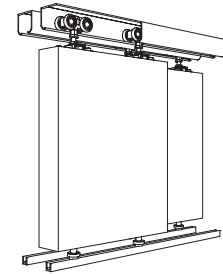
Hardware Overview

Tracking Systems

Window Treatments supplies two tracking systems: Multi-fold for bi-fold shutters, and Single Run for straight sliding shutters. For special applications Window Treatments can supply various track options to suit your requirements.



Multi-fold for Bi-fold shutters

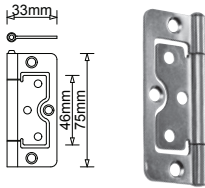


Single Run for straight sliding

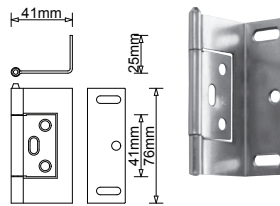
Hinges

Depending on the type of shutter installation, Butt Hinge and Steadman Hinge are the standard hinges. For special applications, Window Treatments also supplies various hinge options such as Handle hinges to suit your requirements.

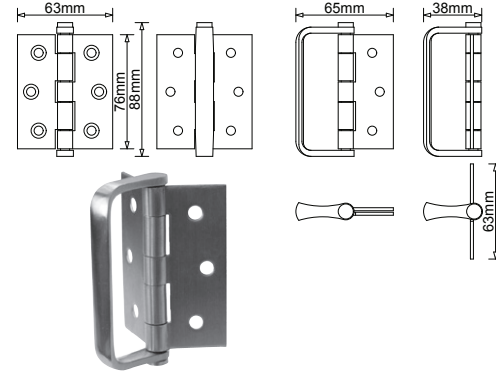
Butt Hinge



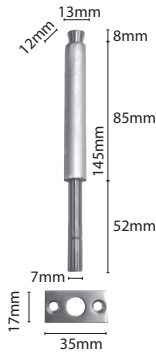
Steadman Hinge



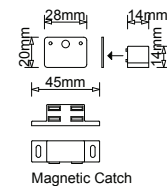
Handle Hinge



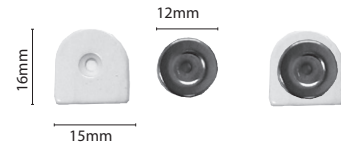
Barrel Bolt



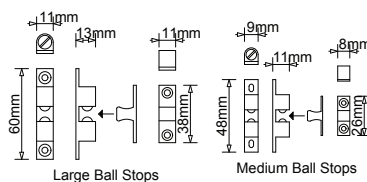
Magnetic Catch



Magnetic Catch



Ball Stop



| Type | Colours Available | Suitable for |
|----------------|---|--|
| Butt Hinge | Stainless Steel, Silver, Cream, White, Black, Antique Brass, Bright Brass | Square, Rabbet, T Post, L Frame |
| Steadman Hinge | Stainless Steel, Silver, Cream, White, Black, Antique Brass, Bright Brass | Hang Strip, protruding past window opening |
| Handle Hinge | Stainless Steel | Bi-fold, assists panel movement |
| Barrel Bolt | Stainless Steel | Bi-fold, Sliding, Panel |
| Ball Stops | Brass, Chrome | Securing Fixed Panel |
| Magnetic Catch | Brown, White, Black | Securing Bi-fold Panel |

Basswood & Cedar Shutters

Hardware Technical - Sliding Single Run

Application

- Widely used in lighter commercial and industrial applications
- To cover any width of opening, any number of panels can be used
- To accommodate different building designs, panels can slide to one or both sides
- Hinged panel for easy access may be incorporated into a sliding panel
- Where panels are fitted externally, a canopy is recommended

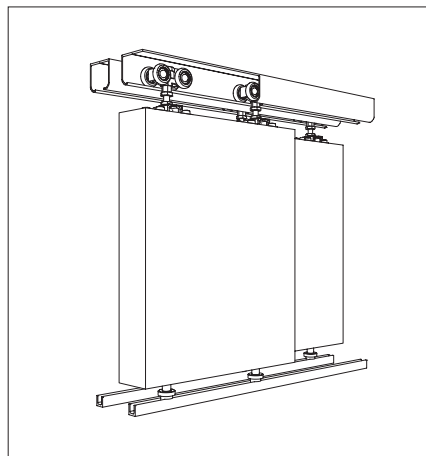


Panel Specification

Track System: Single Run (individual Panels)

| | |
|----------------------------|--------|
| Max Panel Height: Basswood | 3000mm |
| Cedar | 2700mm |

For ease of operation it is recommended that the panel width should not exceed 75% of the panel height.
 Panels for interior use can be of flush construction or glazed.
 Panels for industrial applications should be framed, ledged and braced.



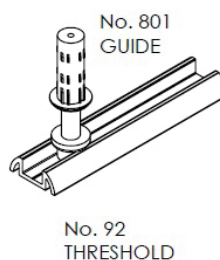
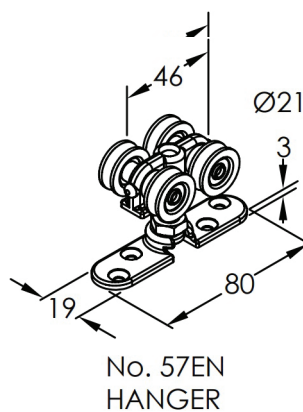
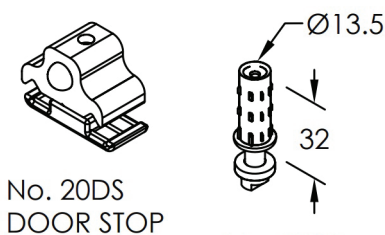
Hardware Specification

Track : 80A
 Material : Aluminium
 Standard lengths : 2000mm, 3000mm, 4000mm, 6000mm
 Aluminium track available in mill or clear anodised finish.

Door Stop : 20DS (Stainless Steel)

Hangers (2 per door) :
 Interior : No. 57EN Hamger
 Hangers supplied with fixing plate and nylon tyred precision bearings. Vertical adjustment is simple and positive. Nylon tyre wheel hangers should not be used on installation involving temperatures exceeding 80°C.

Guide : No. 801S
 Spring loaded guide, nylon body and tip with stainless steel shaft and spring.
 Designed to slide in the No. 92 Threshold



SPECIFICATIONS



Basswood & Cedar Shutters

Hardware Technical - Multi-fold

Application

- Suitable for residential and light commercial folding shutters with all panels of equal width. Panels can fold to one or both sides of the opening
- Pivot hardware enables a folding exterior shutter to be designed using equal width panels with no cutting down of the panel adjacent to the post.
- To cover any width opening, any number of folding units can be used.

Panel Specification

Track System: Multi-fold (individual leaves)

| | | |
|------------------|----------|--------|
| Max Leaf Height: | Basswood | 2500mm |
| | Cedar | 2500mm |
| Max Leaf Width: | Basswood | 700mm |
| | Cedar | 750mm |

Units of up to six panels can be pivoted to each side of the opening.

A guide system across the floor must be used on units of three panels or more. Floating units consist of four to six panels. Shutters should be constructed to provide secure fitting for the pivot sets, hangers, hinges and guides.

Hardware Specification

Track - punched for soffit fitting: 80A
 Material : Aluminium
 Standard lengths : 2000mm, 3000mm, 4000mm, 6000mm

Top Pivot Assembly : 21EPNC Steel, Zinc dichromated, Nylon

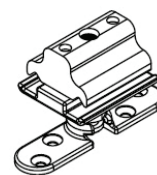
Bottom Pivot : 21EPNC Steel, Zinc dichromated, Nylon

Door Stop : 20DS (Stainless Steel)

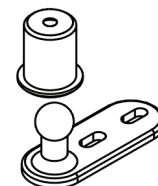
Hangers : No. 57EN Hanger
 The hanger is fitted with four nylon tyred ballrace wheels. The adjustment bolt is attached to the top plate and secured in place with a blocking clip which allows easy installation. All steel parts are zinc dichromated.

Guide : No. 801S
 Spring loaded guide for use with No.92 Threshold. Guide is nylon and stainless steel.

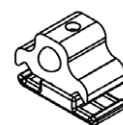
Threshold : No. 92
 Threshold, aluminium, available in 2100mm, 3000mm, 4000mm, 6000mm



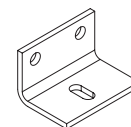
No.21EPNC Top Pivot



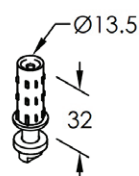
No. 21EPNC PIVOT



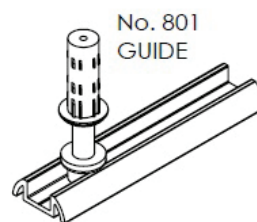
No. 20DS DOOR STOP



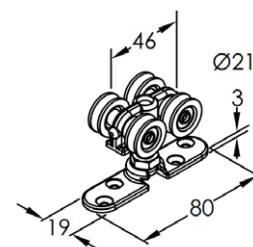
No. ADP1/60 Bracket



No. 801S GUIDE



No. 92 THRESHOLD



No. 57EN HANGER