



intu[®]

integrated blinds

TECHNICAL
INFORMATION PACK
MSM224 | JULY 2018



INTU Range Overview

Our INTU Blind Systems are the most innovative and flexible blind systems on the market. The system has been designed to fully integrate with all modern windows including tilt and turn windows, bi-fold doors and conservatories.

INTU brings a sleek, modern appearance to blinds with the advantage of not interfering with the opening and closing of windows. Simple to install, they also eliminate the need for free hanging loops, making them child safe by design.

Our INTU Blind System is available in Hive, Pleated, Venetian, Roller and Micro. Our product types offer a mixture of Beadfit and Screwfit options to best suit the installation required.

Beadfit is a quick and easy way to install a screwless system. The 'Click-to-fit' brackets fit neatly into the window bead without the need for screws.

Screwfit allows you to fit INTU outwith the size parameters of the standard Beadfit options, in particular for larger or taller windows. The option requires minimal use of screws to hold and tension the blind.

For 2018 we welcome the latest addition to the INTU family in the form of a new colour; **Anthracite**. We also see the introduction of **XL side extrusions**. These have been developed to reduce light gaps between the blind and the window, keeping the focus where it should be, on the fabric/slat.

intu®

Pleated

- 20mm & Hive
- Beadfit & Screwfit
- Available in White, Silver, Brown & Anthracite rail

Venetian

- 16mm, 25mm & 25mm Privacy
- Beadfit & Screwfit
- Available in White, Silver, Brown & Anthracite rail

Roller

- Standard & Deep Recess
- Beadfit Only
- Available in White, Silver & Brown rail

Micro

- 16mm Hive & Pleated
- BeadFit & Screwfit
- Available in White, Brown & Anthracite rail

intu[®]

BEADFIT

HIVE & PLEATED

VENETIAN

MICRO

ROLLER



INTU Beadfit System

The INTU Beadfit system has no free-hanging cord loops making it child safe by design and one of the safest blinds available. The system comes in white, silver or brown rail and endcaps to match. With newest colour Anthracite available with Hive & Pleated, Venetian & Micro systems.

Hive & Pleated

For Hive & Pleated, the beadfit system comes with a Multizone option that provides greater control over shade and light. The Multizone option comes with two sliding rails allowing you to operate the blind from the top down and the bottom up.

Venetian

Choose between a top control slat tilter or wand operation to best suit each individual installation. An additional Privacy slat option is available which fully conceals cord holes in the slat. The headrail also has a modified design to ensure a tighter closure between the slat and rail. This option is only available with 25mm slats.

Micro

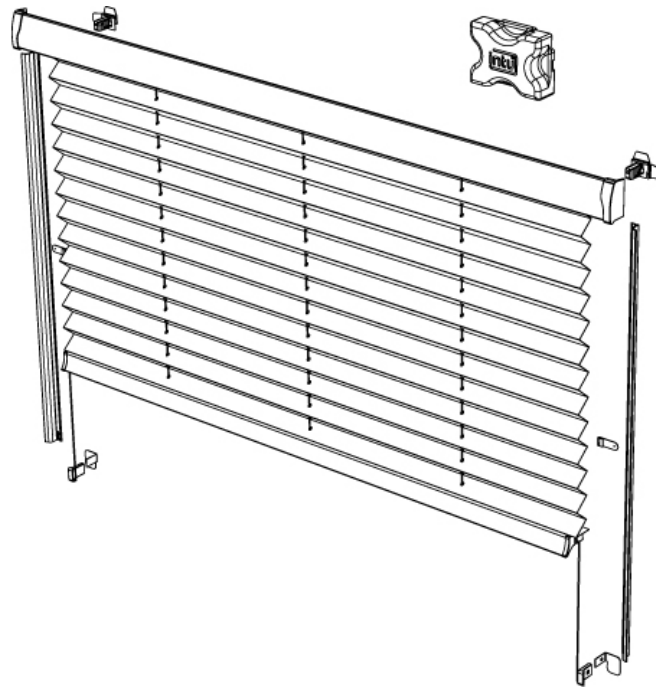
INTU Micro is a slim line pleated blind system that has been re-developed to allow it to be installed into a wider variety of compact spaces and bi-folding doors. This versatile design is suitable for a variety of bead types and depths. Easy to install and remove - identical to standard INTU with both beadfit & screwfit fitting methods available.

Roller

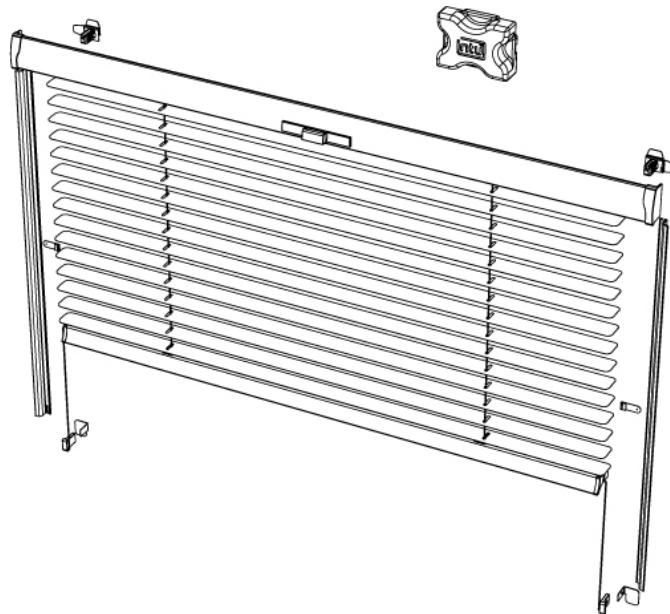
An additional Deep Bead option is available, specifically designed for windows with a deeper recess over 27mm. With all the benefits of the INTU system, it allows you to fit INTU rollers in a wider variety of window types.

Exploded Diagram

Hive & Pleated

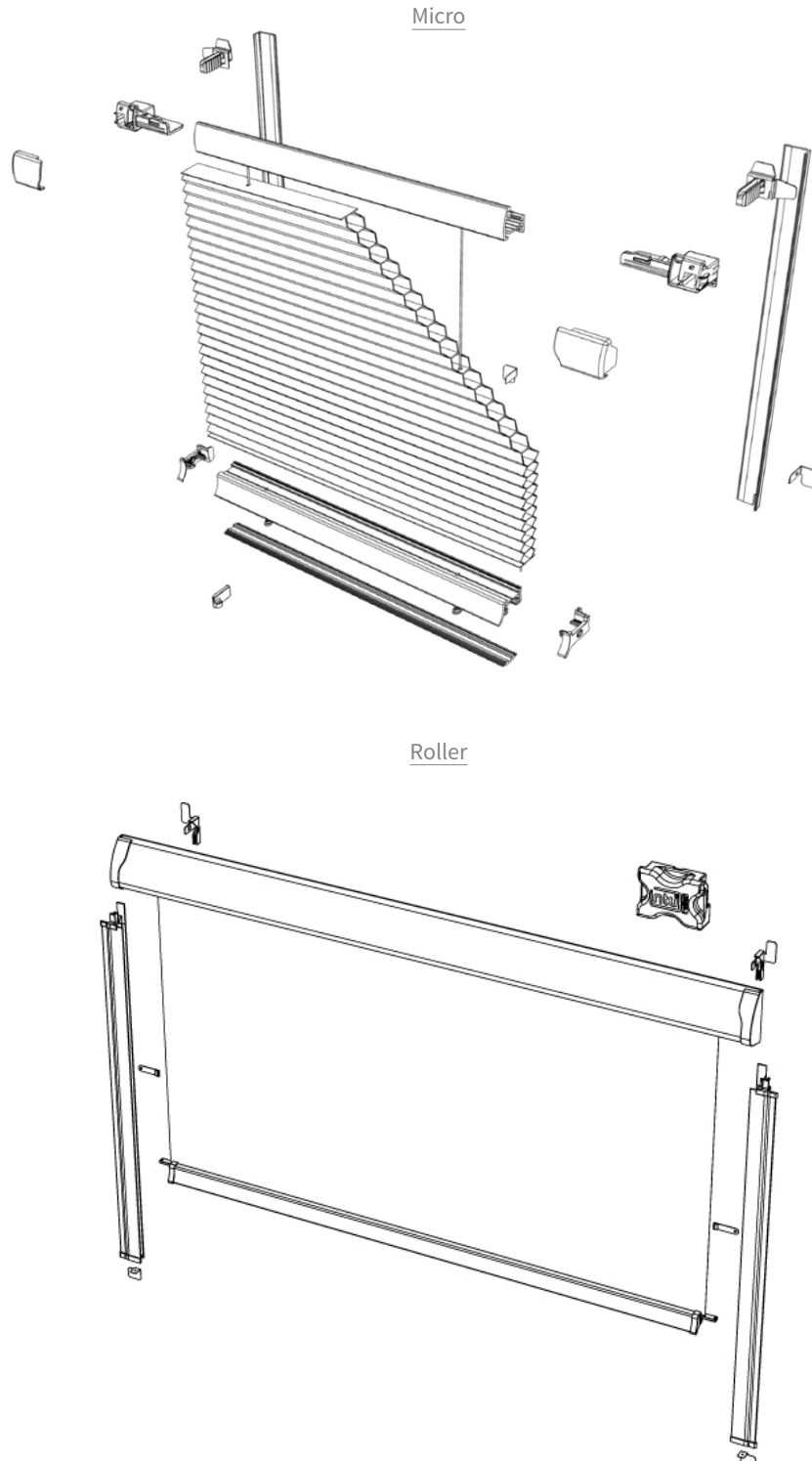


Venetian





Exploded Diagram



INTU Bead Fit: Hive & Pleated / Venetian

INTU Bead-Fit is a blind system designed to fit neatly with most uPVC and tilt and turn windows, designed for Hive & Pleated fabric, Venetian slat, as well as Venetian privacy. The system uses both an extruded aluminium headrail and bottomrail, with the bottomrail acting as an operating handle.

Recommended Size Parameters:

Max Width	1400mm	Min Width	240mm
Max Height	2000mm	Min Height	100mm
Min Bead Depth	11mm	Max Area	1.5m ²
Max Bead Depth	27mm		

Control Options:

Raise/Lower: This is done using the profiled bottomrail, the blind can be positioned in any position by simply raising or lowering to desired position.
Pleated only: An operating rod is available for hard to reach installations.

Tilt: Option 1: This is done by sliding the “Top Control Handle”, which is located in the centre of the headrail, either left or right until the slats are in the desired position.
(Venetian Only)

Option 2: This is done using a wand control, by rotating the wand the slats can be tilted to the desired position.

Measurement Information:

Blind Width	Glass Size - 2mm
Blind Drop	Glass Size
Side Extrusions	Blind Drop - 9mm (x2)
Headrail	Glass Size +63mm
Bottom Rail	BW - 20mm

Hive & Pleated Only	
No of Pleats	See Drop Chart TS012_1
No of Cells	See Drop Chart TS008

Venetian Only	
Head Rail Insert	BW -152mm (500mm>) BW -76mm (<500mm)
No of Slats	See Drop Chart TS004_1 & TS005_1 (Privacy TS003_1)

Installation Brackets:

Blinds 240>1400 1 x LHS & RHS Top Corner Fixing Bracket
 1 x LHS & RHS Bottom Corner Fixing Bracket

Side Extrusion Retaining Brackets			
Drop 100>500	0	Drop 501>1000	1 Pair
Drop 1001>1500	2 Pairs	Drop 1501>2000	3 Pairs

NOTE: For installations on doors & windows over approx 1600mm drop it is recommended that double sided tape be applied to side extrusions to hold them tight against glass. The use of additional side extrusion retaining brackets should also be considered.

Distance Plates			
Bead Depth 11>14mm	2 Pairs	Bead Depth 15>18mm	1 Pair
Bead Depth 19>27mm	0		

Blind Tensioning:

All blinds should be tensioned using the Bead-Fit Tensioning Bench (TP499). All tension springs should be set using the Bead-Fit Spring Expanders (TP502). See Tensioning Work Instruction Sheet (WI002_1).

INTU Bead Fit: Micro

Recommended Size Parameters:

Tensioned Bead Fit/Guided Bead Fit			
Max Width	1000mm	Min Width	250mm
Max Drop	2000mm	Min Drop	250mm
Max Area	2m ²		

Control Options:

Raise/Lower: Raising and lowering the blind is achieved using the bottom bar. Simply decide on a height, move the bottom bar up or down and it will stay wherever you position it.

Guided Bead Fit: Guided endcaps restrain the bottom bar and prevent unwanted movement – this is a beneficial feature when installing on bi-folding doors.

Measurement Information:

Standard Bead Fit			
Blind Width	Measured Glass Size	Blind Drop	Measured Glass Size
Head Rail	Blind Width - 50mm	Bottom Rail	Blind Width - 20mm
Bottom Rail PVC Insert	Blind Width - 20mm	Side Extrusion	Blind Drop - 9mm
Fabric Size	Blind Width - 7mm	No. of pleats	TS028
Minimum Bead Depth	N/A	No. of cells	TS065
Maximum Bead Depth	N/A		

Guided Bead Fit			
Blind Width	Measured Glass Size	Blind Drop	Measured Glass Size
Head Rail	Blind Width - 50mm	Bottom Rail	Blind Width - 30mm
Bottom Rail PVC Insert	Blind Width - 30mm	Side Extrusion	Blind Drop - 9mm
Fabric Size	Blind Width - 7mm	No. of pleats	TS028
Minimum Bead Depth	N/A	No. of cells	TS065
Maximum Bead Depth	N/A		

Cord Spacing:

Cord Spacing		
Blind Width < 590mm	End spacing of 70mm	2 cords
Blind Width > 591mm	End spacing of 70mm	4 cords

Lift Cord:

Lift cord colours co-ordinate with fabric colour.

Installation:

Installation of blinds is identical to standard INTU Venetian and Pleated. Brackets are installed behind the rubber bead on your door or window. The INTU Micro endcaps are then attached offering a secure fit without the need for screws. For detailed instructions please see Eclipse fitting instructions.

Blind Tensioning:

Bead Fit blinds are supplied pre-tensioned. If you need to adjust tension please follow install instructions.

INTU Bead Fit: Roller

Intu Bead-Fit Roller is a blind system designed to fit neatly with most Upvc and tilt and turn windows (Up to Max 15°). The system uses an extruded aluminium fascia. The bottomrail is an extruded aluminium profile that also acts as an operating handle. A wide range of styles and colours of Eclipse Roller Fabrics are available.

Recommended Size Parameters:

Max Width	1400mm	Min Width	325mm
Max Height	2000mm	Min Height	100mm
Min Bead Depth	11mm	Max Area	2m ²
Max Bead Depth	27mm	Fascia Size Limitations	See Fabric Drop Chart TS014_1

Control Options:

Raise/Lower: This is done using the profiled bottomrail, the blind can be positioned in any position by simply un-locking, raising or lowering to desired position, then locking again.

Measurement Information:

Blind Width	Glass Size	Fabric Width	Glass Size - 20mm
Blind Drop	Glass Size	Fabric Drop	Glass Size +100mm
Side Extrusions	Blind Drop - 45mm (x2)	Fascia	Glass Size +70mm
Bottom Rail	Glass Size - 52mm	Fabric Cut-Out	18.5mm x 24mm – Required at bottom corners of fabric for bottom rail (Use TP513).
Tube	Glass Size -29mm		



Installation Brackets:

Blinds 530>1500 1 x LHS & RHS Top Corner Fixing Bracket
1 x LHS & RHS Bottom Corner Fixing Bracket

Side Extrusion Retaining Brackets

Drop 100>500	1 Pair	Drop 501>1000	2 Pairs
Drop 1001>1500	3 Pairs	Drop 1501>2000	4 Pairs

Blind Tensioning:

All blinds should be tensioned using the Spring Tensioner (RH390).
All springs should be pre-tensioned as stated below:

Spring Pre-Tension:
Blind Width:

325mm > 410mm = Small Spring VIH580 with 10 Pre-Tension turns
411mm > 1400mm = Medium Spring VIH581 with 14 Pre-Tension turns

NOTE: *Pre-Tension turns can be adjusted up or down dependant on the drop of the blind and the fabric being used. This should be done by manufacturer based on experience of fabrics i.e. weight, thickness etc... Thin fabrics may need less pre-tension turns than those listed above as they tend to be lighter. Thick fabrics may need more pre-tension turns than those listed above as they tend to be heavier. When setting pre-tension turns always ensure enough turns are applied to guarantee that spring has sufficient strength to lift blind fully to top.*

INTU Deep Bead: Roller

Intu Bead-Fit Roller Deep Recess is a blind system designed to fit neatly with most Upvc and tilt and turn windows (Up to Max 15°). The system is designed to fit in frames with a bead depth of 21mm or above, For frames with bead depths of less than 21mm it is recommended that Standard Intu Roller is used. The system uses an extruded aluminium fascia. The bottomrail is an extruded aluminium profile. A wide range of styles and colours of Eclipse Roller Fabrics are available.

Recommended Size Parameters:

Max Width	1400mm	Min Width	325mm
Max Height	2000mm	Min Height	100mm
Max Area	2m ²	Fascia Size Limitations	See Fabric Drop Chart TS014_1

Control Options:

Raise/Lower: This is done using the plastic handle attachments supplied on the profiled bottomrail, the blind can be positioned in any position by simply unlocking, raising or lowering to desired position, then locking again.

Measurement Information:

NOTE: Large Side Extrusion Only should be used on Deep Recess Blinds!

Blind Width	Measured Glass Size*	Fabric Width	Blind Width - 20mm
Blind Drop	Measured Glass Size	Fabric Drop	Blind Drop +50mm
Side Extrusions	Blind Drop -66mm (x2)	Fascia	Blind Width +8mm
Bottom Rail	Blind Width - 52mm	Fabric Cut-Out	18.5mm x 24mm – Required at bottom corners of fabric for bottom rail (Use TP513).
Tube	Blind Width -29mm		

NOTE: When fabric is attached to tube, it should be applied level with outside edge of plastic collar on SPRING END of tube!

* Measured Glass Size is overall width of visible glass minus any deduction for side extrusion being spaced from the edge as shown in the Survey Guide section E.

Where blind is to be fitted to a shaped or angled frame, Fascia width can be increased by a maximum of 7mm per side. All other measurements will still apply.



Installation Brackets:

Blinds 325>1400 1 x LHS & RHS Top Corner Fixing Bracket
1 x LHS & RHS Bottom Corner Fixing Bracket

Side Extrusion Retaining Brackets

Drop 100>500	1 Pair	Drop 501>1000	2 Pairs
Drop 1001>1500	3 Pairs	Drop 1501>2000	4 Pairs

Blind Tensioning:

All blinds should be tensioned using the Spring Tensioner (RH390).
All springs should be pre-tensioned as stated below:

Spring Pre-Tension:
Blind Width:

325mm > 410mm = Small Spring VIH580 with 8-10 Pre-Tension turns
411mm > 1400mm = Medium Spring VIH581 with 6-8 Pre-Tension turns

NOTE: *Pre-Tension turns can be adjusted up or down dependant on the drop of the blind and the fabric being used. This should be done by manufacturer based on experience of fabrics i.e. weight, thickness etc... Thin fabrics may need less pre-tension turns than those listed above as they tend to be lighter. Thick fabrics may need more pre-tension turns than those listed above as they tend to be heavier. When setting pre-tension turns always ensure enough turns are applied to guarantee that spring has sufficient strength to lift blind fully to top.*

INTU Bead Fit: Hive & Pleated / Venetian

Measuring the Window



Flush or Recessed Rubber Bead

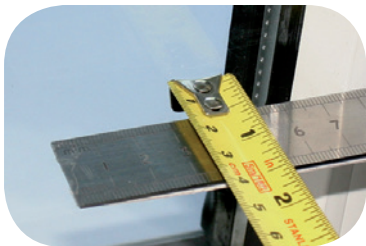


Proud Rubber Bead

Measure clear glass width and drop

- min. width: 240mm
- max. width: 1400mm
- max. drop: 2000mm
- max. area: 1.5 sq m

Bead Depth



Tape Measure



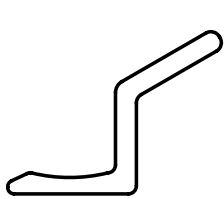
Depth Gauge (TP487)

For beads above 27mm use INTU[®] Screwfit

- bead depth 19 to 27mm: no endcap spacer
- bead depth 15 to 18mm: 1 endcap spacer per side
- bead depth 11 to 14mm: 2 endcap spacers per side
- min. bead depth: 11mm

Ensure windows have suitable rubber bead that accepts fitting of bracket

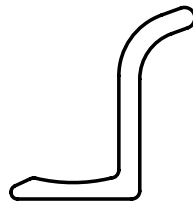
Side Profile



Profile A



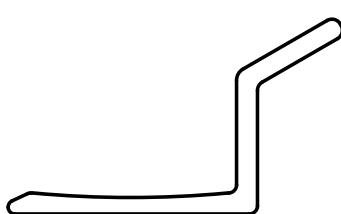
Profile B



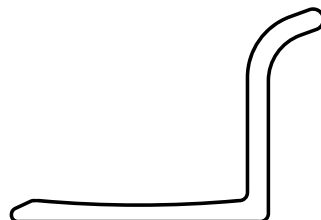
Profile C



Profile D



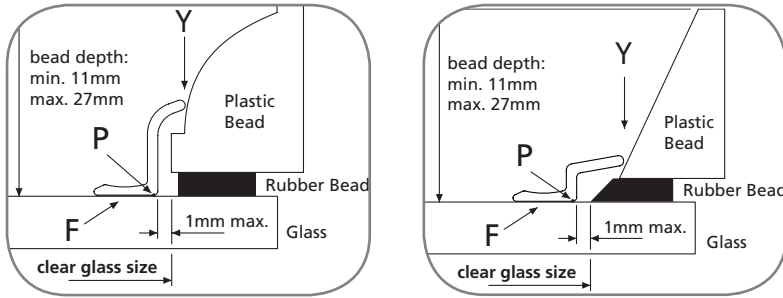
Profile AXL



Profile CXL

All profiles are shown at 2x actual size

Rubber Bead



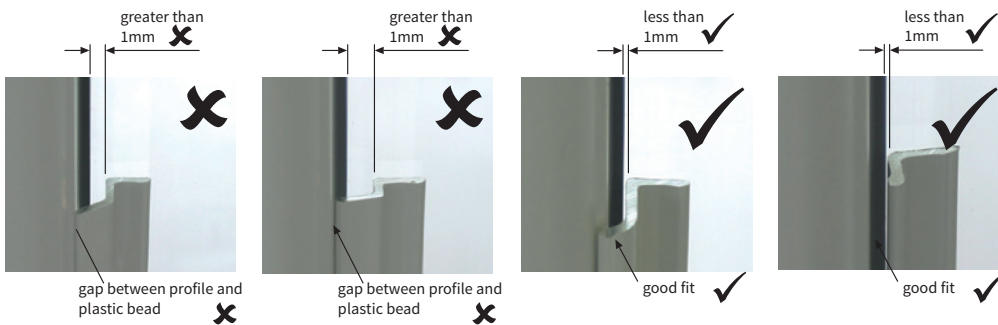
Flush or Recessed Rubber Bead

Proud Rubber Bead

Select side profile that:-

- gives best fit at Y,
- has max. 1mm gap between point P and clear glass size,
- keeps face F flat on glass

Best Fit Profile

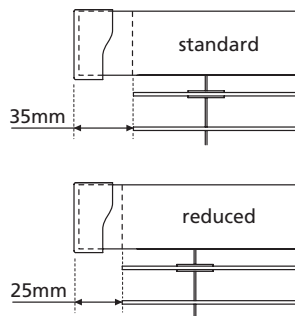


Where the gap is greater than 1mm, this size must be deducted from clear glass size (both sides)

Special Headrail



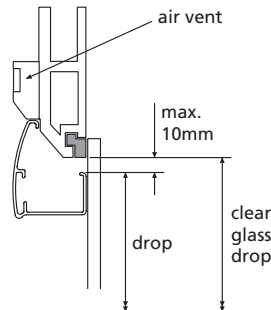
70mm std. 50mm mod.



Reduced Headrail — All Models

- insufficient clearance on window frame or glazing bar will require modified headrails
- reduction will be 10mm per side
- note requirements on order form 'Special Instructions' box

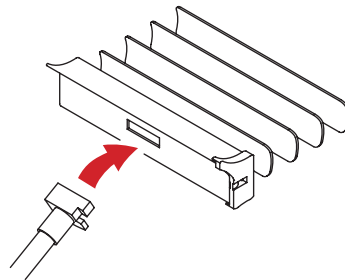
Air Vents



When headrail may foul air vent or other obstruction, a deduction of up to 10mm can be made from the clear glass drop to clear obstruction

See diagram opposite

Operating Rod



Blind Out of Reach — All Models

- choose 30, 60 or 120cm rod as required
- the rod connector is placed inside the tilt handle (Venetian only)
- bottomrail is slotted for raising/lowering

Bottomrail



All blinds are supplied with bottomrail that has an integrated handle. This moulded handle is simple to use and maintains the stylish appearance of the blind.

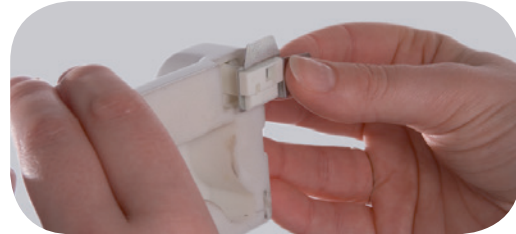
Bottomrail with integrated handle

IMPORTANT: Following the above instructions will ensure that the blind is correctly measured, installed and fully functioning. These products are all child safe by design and compliant with the Child Safety requirements of EN13120.

INTU Bead Fit: Hive & Pleated / Venetian



1. Fitting tools required include scissors and Bracket Insertion Tool (TP483)



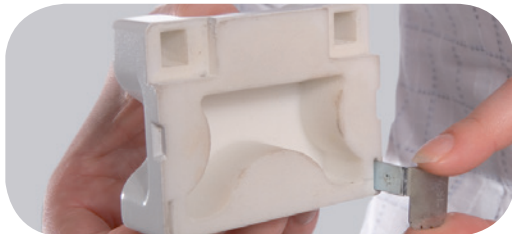
2. Position top fixing bracket into the purpose made slot in the Bracket Insertion Tool.



3. Position bracket behind rubber bead and carefully push the metal legs behind the bead.



4. Check bracket is squarely secured. Repeat both sides.



5. Position bottom fixing bracket into the purpose made slot in the Bracket Insertion Tool.



6. Position bracket behind rubber bead and carefully push the metal leg behind the bead.



7. Check bracket is vertically secured. Repeat both sides.

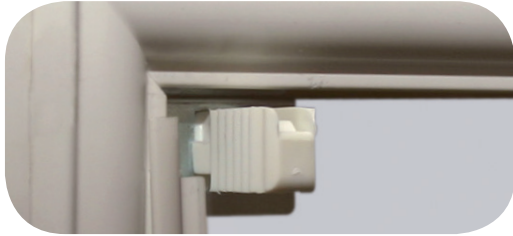


8. Place the side profile* against the side frame with flat face towards the glass and the notch to the bottom.

* The blind and side profiles may be packed separately. Each will be identified.

continued...

(continued)



9. Slide the top edge into the slot of the bracket. Push profile fully into position.



10. Slide bottom slot of profile over the bottom bracket. Repeat both sides.



11. At the appropriate position(s) on each side profile, fit retention clips (long side profiles only).



12. Press home using the insertion tool. Fully located the clip will sit over the side profile.



13. With rubber bands in place, align the headrail end cap slot with bracket arms.



14. Ensure headrail is correctly aligned and firmly press home. Snip off rubber bands and lower the slats fully.



15. With cord at bottom of bracket, slide onto clip. Repeat both sides.



16. To align the bottom rail horizontally, simply pull it into the position desired. It will stay in position under tension from the cords.

* The blind and side profiles may be packed separately. Each will be identified.



INTU Bead Fit: Hive & Pleated

The steps required to fit INTU Pleated or Hive blinds are the same as for INTU[®] Venetian up to step 15. From then on, follow the instructions below.



16. With cord at bottom of bracket, slide onto clip. Repeat both sides.



17. To align the bottomrail horizontally, simply pull it into the position desired. It will stay in position under tension from the cords. Check the blind operation, raise/lower and open/close is satisfactory.

INTU Bead Fit: Micro

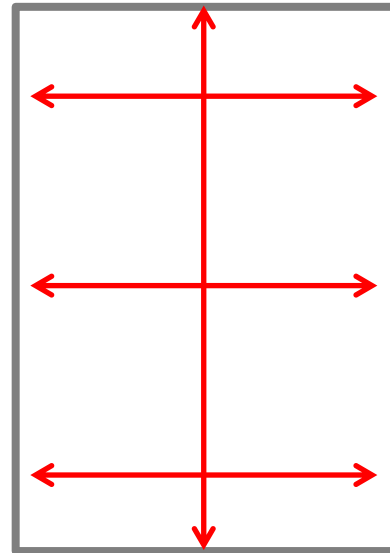
Measurements:

Note: Measure the glass size only.

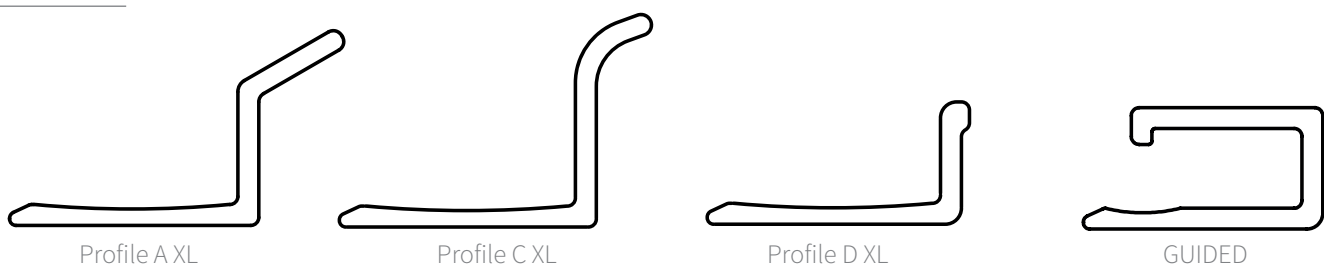
- Measure the visible glass width at 3 different points as shown. Use the smallest measurement as the blind width.
- Measure the drop
- Fill out the order form

Tensioned Bead Fit/ Guided Bead Fit			
Max Width	1000mm	Min Width	250mm
Max Drop	2000mm	Min Drop	250mm
Max Area	2m ²	Min Bead Depth	N/A

Tensioned Screw Fit			
Max Width	1400mm	Min Width	250mm
Max Drop	2000mm	Min Drop	250mm
Max Area	2.5m ²	Min Bead Depth	16mm



Side Profile



All profiles are shown at 2x actual size

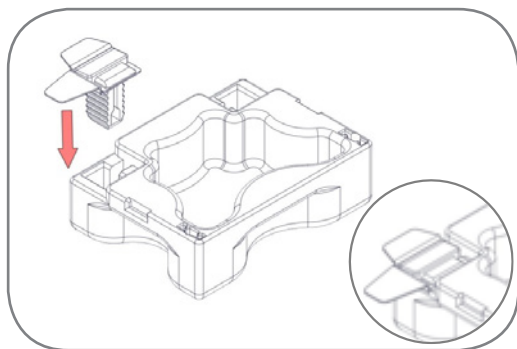


INTU Bead Fit: Micro

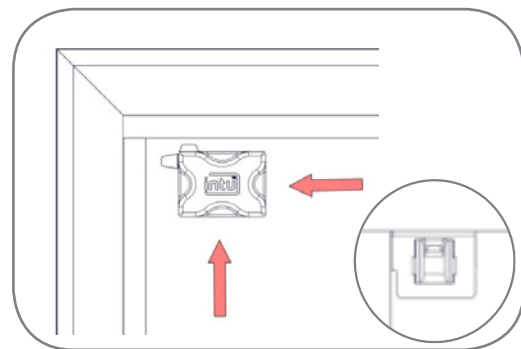
You will need

- INTU Fitting Tool
- INTU Top corner brackets
- INTU Bottom corner brackets
- INTU Retention Clips

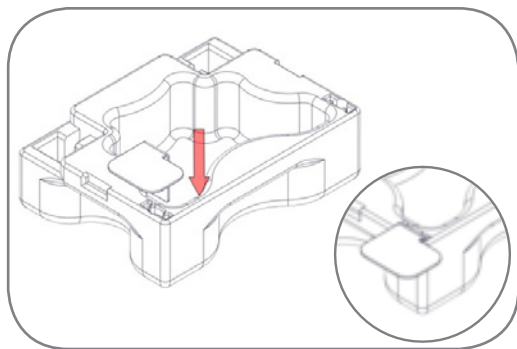
Note: The above should be supplied with your blind.



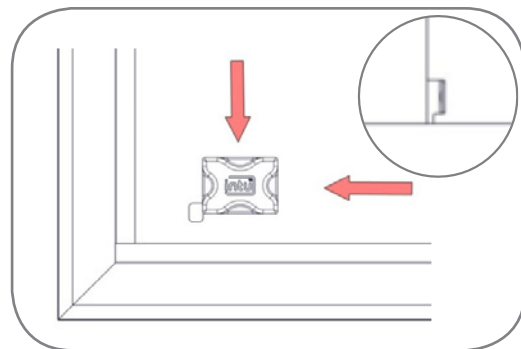
1. Place the top corner bracket into the slot on the fitting tool.



2. Position bracket behind the rubber bead and carefully push until the metal legs are behind the rubber bead. Check bracket is square to the sides of the bead and it is secure. Repeat for other side.



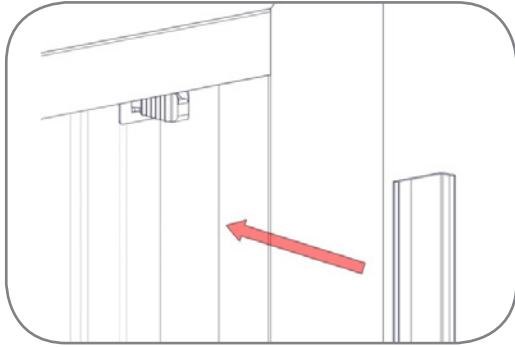
3. Place the bottom corner bracket into the slot on the fitting tool.



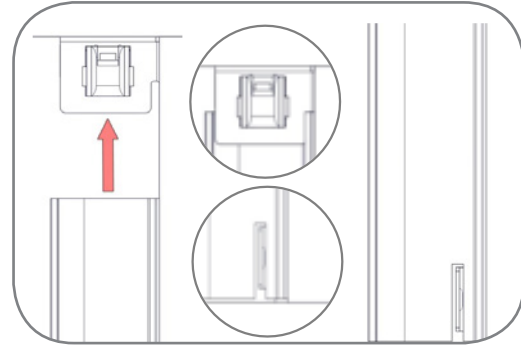
4. Position bracket behind the rubber bead and push until the metal leg is behind the bead. Check bracket is parallel to bead and is securely fitted. Repeat for the other side.

continued...

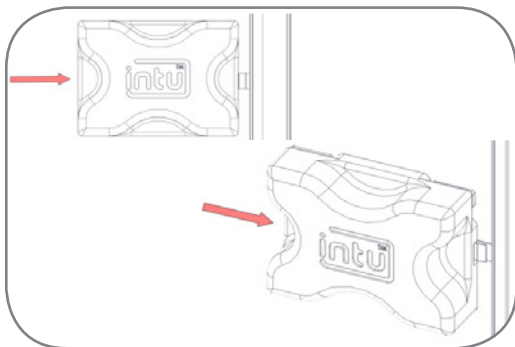
(continued)



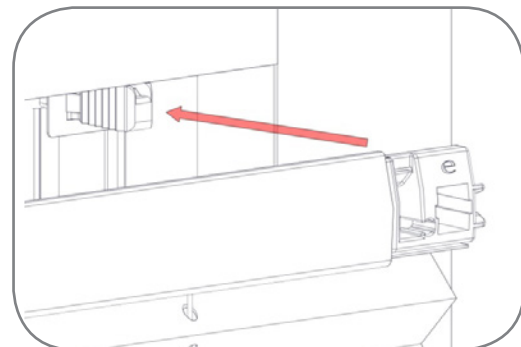
5. Place the flat side of the side extrusion against the glass with the notch to the bottom.



6. Slide the side extrusion up until its slots into the top corner fixing bracket. The side extrusion should rest under the bracket. Push the slot at the base of the extrusion over the bottom corner bracket. Repeat for both sides.



7. At the appropriate position(s) on each side profile, fit retention clips (long side profiles only). Press into position using the fitting tool.

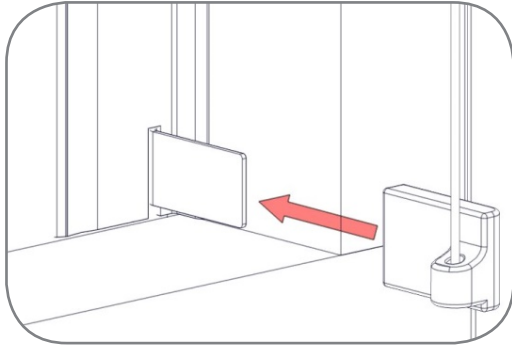


8. Align headrail endcaps with top corner fixing brackets and push fully home.

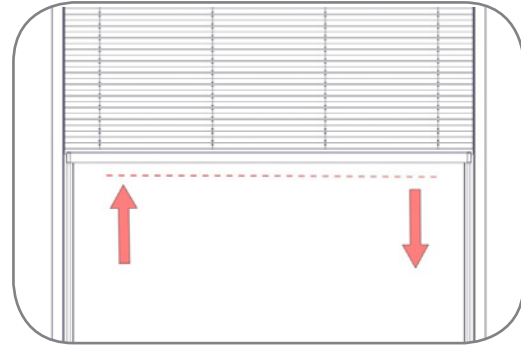
continued...



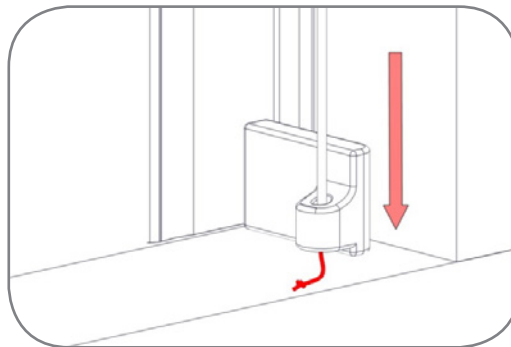
(continued)



9. Align bottom button with bottom corner brackets. Slide the bottom button onto the bracket until it locates. Repeat both sides.



10. To align the bottom rail horizontally, simply pull it into the position desired. It will stay in position under tension from the cords.



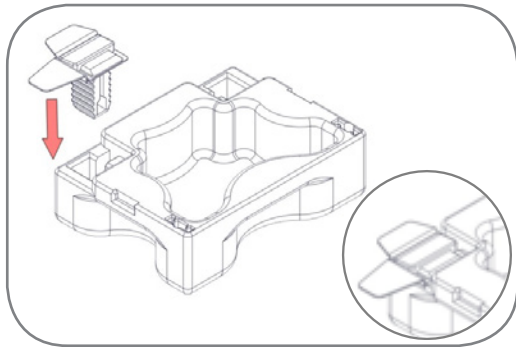
11. If your blind requires further tension pull the cord through the hole in bottom button until you feel the blind has sufficient tension and tie a fresh knot.

INTU Guided Bead Fit: Micro

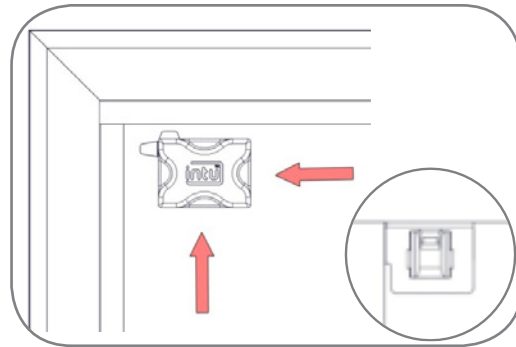
You will need

- INTU Fitting Tool
- INTU Top corner brackets
- INTU Bottom corner brackets

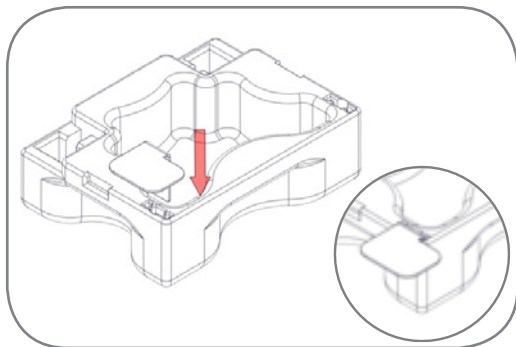
Note: The above should be supplied with your blind.



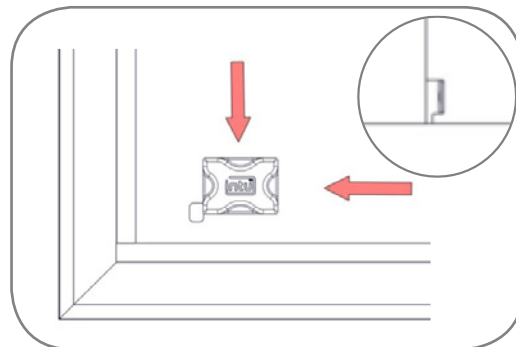
1. Place the top corner bracket into the slot on the fitting tool.



2. Position bracket behind the rubber bead and carefully push until the metal legs are behind the rubber bead. Check bracket is square to the sides of the bead and it is secure. Repeat for other side.



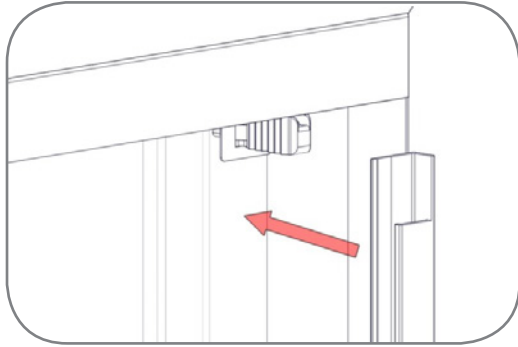
3. Place the bottom corner bracket into the slot on the fitting tool.



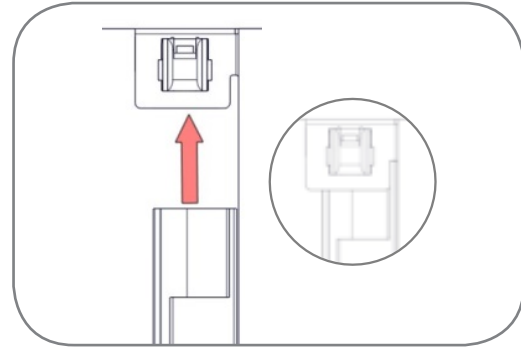
4. Position bracket behind the rubber bead and push until the metal leg is behind the bead. Check bracket is parallel to bead and is securely fitted. Repeat for the other side.

continued...

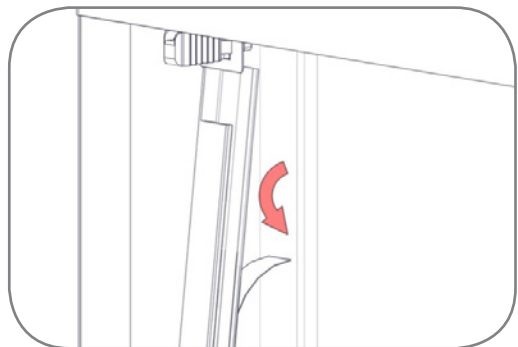
(continued)



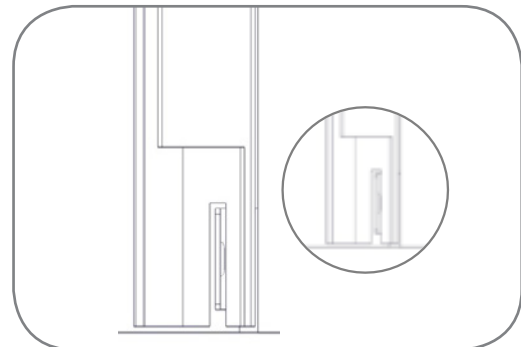
5. Ensure the glass is clean and free from debris by cleaning it with glass cleaner. Place the flat side of the side extrusion against the glass with the notch to the bottom.



6. Slide the side extrusion up until its slots into the top corner fixing bracket. The side extrusion should rest under the bracket.



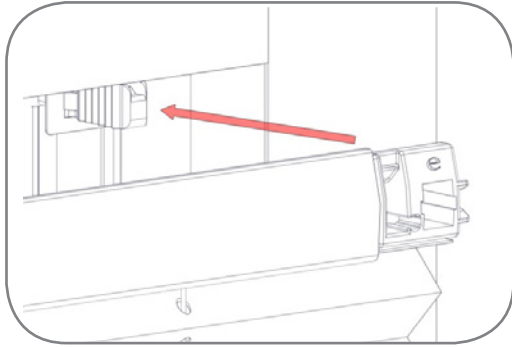
7. Pivot the extrusion towards yourself so you have access to the back. Peel the backing from the glass tape and slowly place the extrusion against the glass.



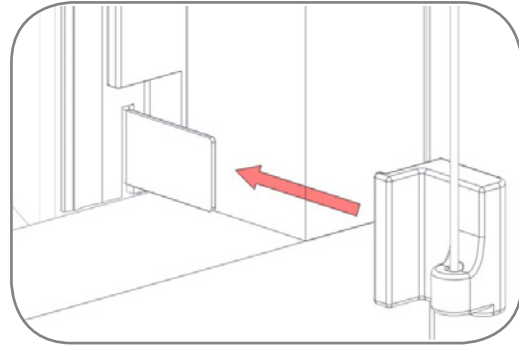
8. Push the slot at the base of the extrusion over the bottom corner bracket. Gently push the extrusion against the glass to ensure tape has adhered. Repeat for both sides.

continued...

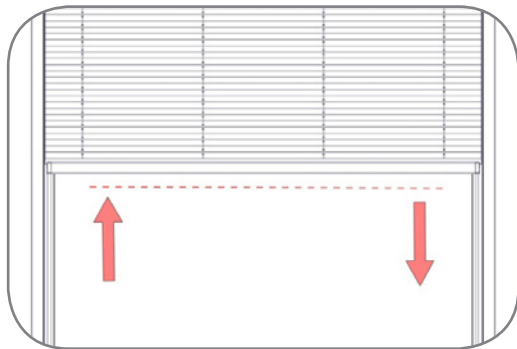
(continued)



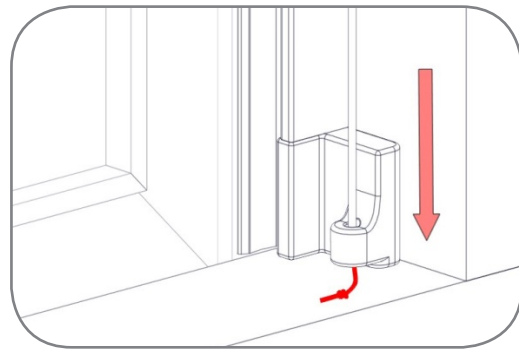
9. Align headrail endcaps with top corner fixing brackets and push fully home.



10. Align bottom button with bottom corner brackets. Slide the bottom button onto the bracket until it locates. Repeat both sides.



11. To align the bottom rail horizontally, simply pull it into the position desired. It will stay in position under tension from the cords.



12. If your blind requires further tension pull the cord through the hole in bottom button until you feel the blind has sufficient tension and tie a fresh knot.

INTU Bead Fit: Roller

Measuring the Window



Flush or Recessed Rubber Bead



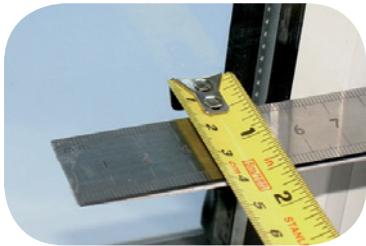
Proud Rubber Bead

Measure clear glass width and drop

- min. width: 325mm
- max. width: 1400mm
- max. drop: 2000mm Type 1 Fabrics
1700mm Type 2 Fabrics
1200mm Type 3 Fabrics
- max. area: 2m²

N.B. Please ensure windows have suitable rubber bead that accepts fitting of bracket

Bead Depth



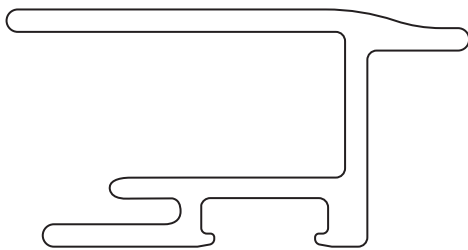
Tape Measure



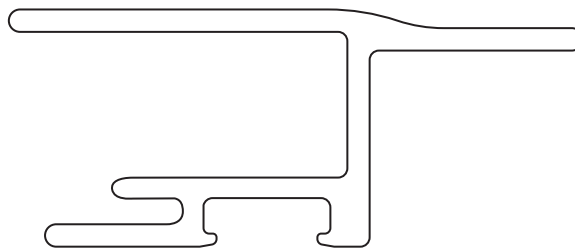
Depth Gauge (TP487)

Max. Bead Depth 27mm
Min. Bead Depth 11mm

Side Profile

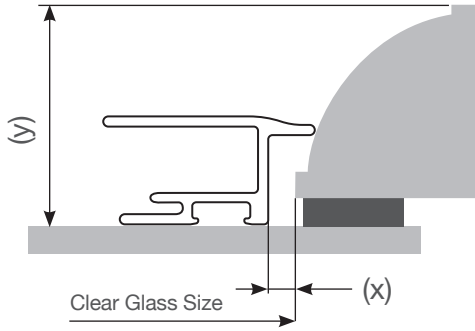


Side Extrusion: Standard

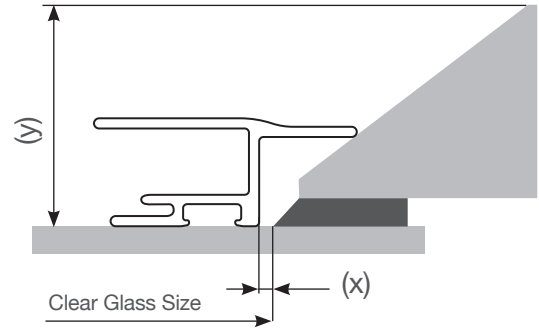


Side Extrusion: Large

Best Fit Profile

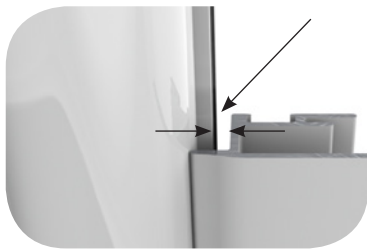


Select side extrusion that gives smallest gap between extrusion and window bead (x)

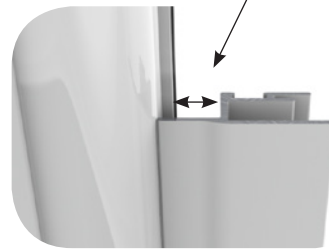


Best Fit

Less than 1mm

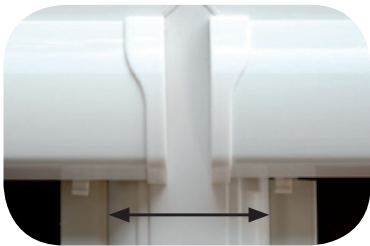


Greater than 1mm



Where the gap is greater than 1mm. The size **MUST BE** deducted from the clear glass size (both sides).

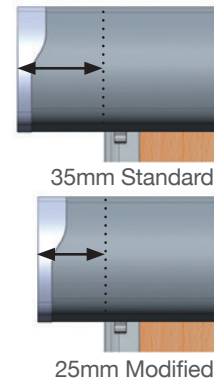
Special Headrail



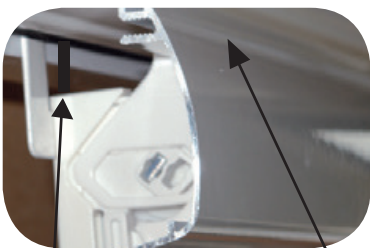
70mm std. 50mm mod.

Reduced Headrail

- insufficient clearance on window frame or glazing bar will require modified headrails
- reduction will be 10mm per side
- note requirements on order form in 'Special Instructions' box



Air Vents

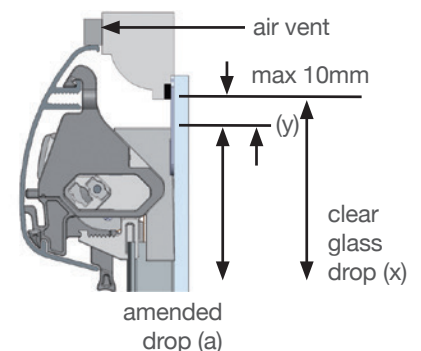


Measure here (y)

Vent

When headrail may foul air vent or other obstruction, a deduction of up to 10mm can be made from the clear glass size (drop).

This can be measured by using a small section of headrail fascia fitted with a fixing bracket.



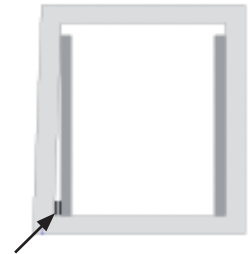
Enter drop (a) on order form (x-y=a)

Bottom Bar



When installation is complete, clearance between bottom bar endcap and side extrusion should be checked. This should be parallel along entire length of side extrusion. This can be checked by holding bottom bar tight against one side and measuring the clearance on the opposite side.

Max clearance 3mm



When window is slightly out of square, spacer pads should be used to ensure side extrusions run parallel.

Fabric Alignment

Blinds should be checked when installation is complete to ensure that fabric is rolling up parallel. Where this is not the case the blind can be adjusted by moving one side extrusion up or down within the ratchet lock area. This will in turn induce the fabric to roll to one side as required. e.g. If fabric is rolling off to left hand side, lower right hand corner bracket. This can be done by releasing the side extrusion locking bracket from the ratchet lock, slide corner bracket down, lock side extrusion back in to ratchet lock.



Headrail Lock



Blind Unlocked

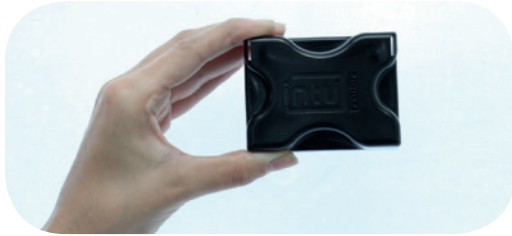


Blind Locked

After installation ensure that headrail locking arm is fully engaged. This can be checked by looking from below to ensure locking arm is sitting parallel with mating bracket.

It is important to ensure that blind is always left in the locked position.

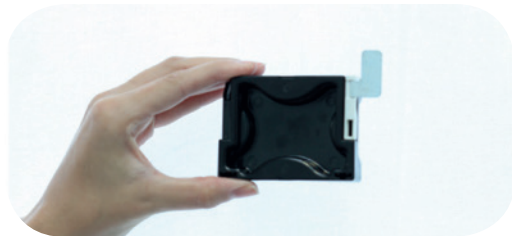
INTU Bead Fit: Roller



1. To fit your INTU[®] Roller Blind you only require the special bracket fitting tool supplied with your order.



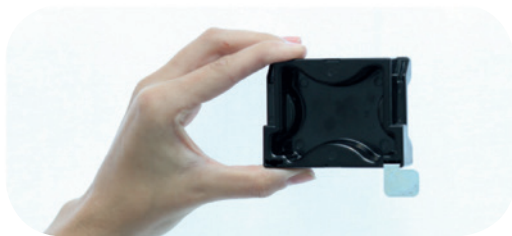
2. Fully unpack the blind and lay out all parts supplied.



3. The brackets are fitted behind the window bead, all are handed. Locate one of the top brackets into the tool aperture and push.



4. Insert the bracket behind the rubber seal until the tool edge touches the bead at both top & side. Repeat for other side.



5. Similarly locate one of the bottom brackets in the tool.



6. Insert the bracket behind the rubber seal until the tool edge touches the bead at both bottom & side. Repeat for other side.



7. Locate the profile bottom endcap over the bottom bracket.



8. Apply pressure to click home the profile top endcap.

continued...

(continued)



9. Insert one side of fabric and corresponding bottombar end cap into side extrusion.



10. Slide the headrail onto top corner brackets on both sides.
N.B Do not push blind fully home onto brackets



11. On opposite side, tilt bottombar to open position and slide side extrusion over bottombar end cap and fabric ensuring both are within the fabric channel on the side extrusion



12. When the side extrusion is pushed all the way up and is in position, lock the bottom bar in place.



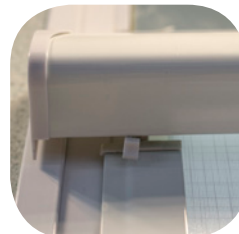
13. Engage the side extrusion bottom bracket into the bottom corner fixing bracket.



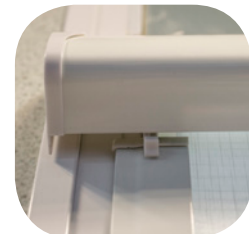
14. Position relevant number of recommended side extrusion clips according to the drop of the blind. Push home the extrusion clips with fitting tool.



15. The blind can now be pushed fully home onto brackets



Blind Unlocked



Blind Locked

16. Ensure Locking arm is in the correct position after installation.

INTU Deep Bead: Roller

Measuring the Window



Flush or Recessed Rubber Bead



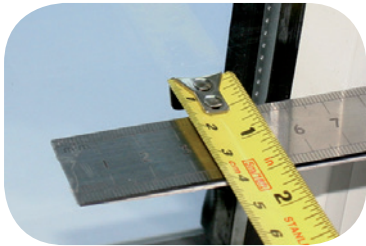
Proud Rubber Bead

N.B. Please ensure windows have suitable rubber bead that accepts fitting of bracket

Measure clear glass width and drop

- min. width: 325mm
- max. width: 1400mm
- max. drop: 2000mm Type 1 Fabrics
1700mm Type 2 Fabrics
1200mm Type 3 Fabrics
- max. area: 2m²

Bead Depth



Tape Measure



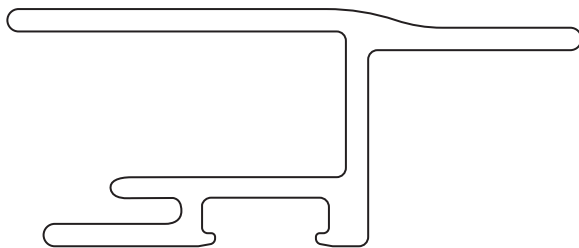
Depth Gauge (TP487)

Min. Bead Depth: 21mm

For windows with a bead depth of less than 21mm, standard INTU[®] Roller should be used.

On frames with a bead depth of less than 52mm it should be noted that the headrail fascia will protrude beyond the flat face of the frame.

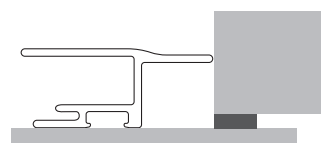
Side Profile



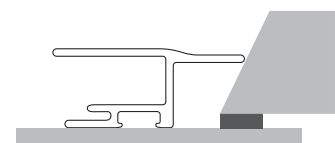
Side Extrusion: Large

Rubber Bead

Flush or Recessed Rubber Bead

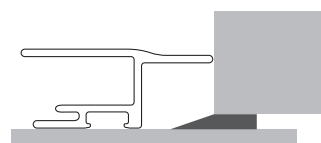


Straight Recess



Sloped Recess

Exposed Rubber Bead

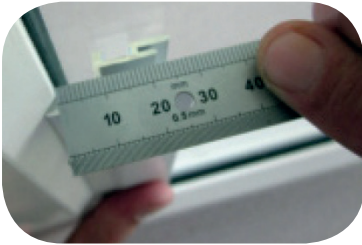


Straight Recess



Sloped Recess

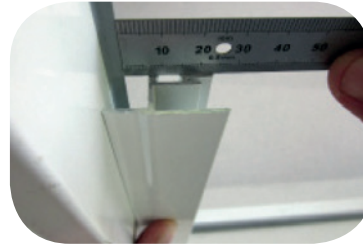
Measuring the Window



Flush or Recessed Rubber Bead

When measuring glass size ensure a section of side extrusion is used to measure deduction required.

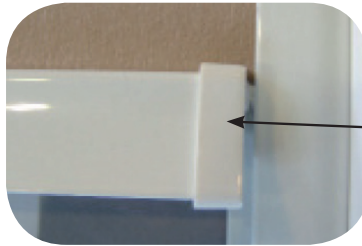
Where fitting to 90° frame with flush/recessed rubber bead deduction from visible glass size will = 20mm.



Proud Rubber Bead

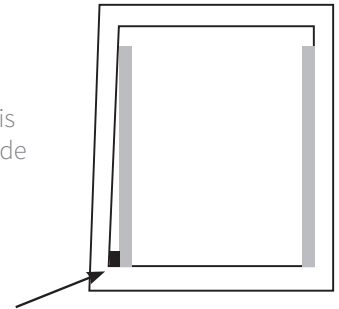
Size between edge of side extrusion indicated by red line and rubber bead should be measured as shown in these pictures. This size should then be deducted from the visible glass size measured. The size after deductions should be recorded on the order form as "Measured Glass Size".

Bottom Bar



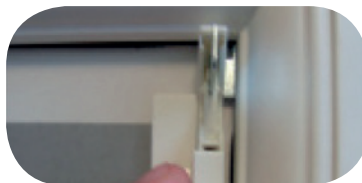
When installation is complete, clearance between bottom bar endcap and side extrusion should be checked. This should be parallel along entire length of side extrusion. This can be checked by holding bottom bar tight against one side and measuring the clearance on the opposite side.

Max Clearance: 3mm



N.B. When window is slightly out of square spacer pads should be used to ensure side extrusions run parallel.

Fabric/Headrail



Fabric Alignment
e.g. If fabric is rolling off to left hand side, lower right hand corner bracket. Blind should be checked when installation is complete to ensure that fabric is rolling up parallel. Where this is not the case the blind can be adjusted, as shown left, by moving one side extrusion up or down within the ratchet lock area. This will in turn induce the fabric to roll to one side as required. e.g. If fabric is rolling off to left hand side, lower right hand corner bracket as shown opposite, this can be done by releasing the side extrusion locking bracket from the ratchet lock, slide corner bracket down, lock side extrusion back into ratchet lock.

Headrail Adjustment
The side extrusion ratchet can also be used to adjust the height of the headrail within the frame to ensure that no visible gaps can be seen between headrail and the top edge of the window frame.

Best Fit Profile



Blind Unlocked

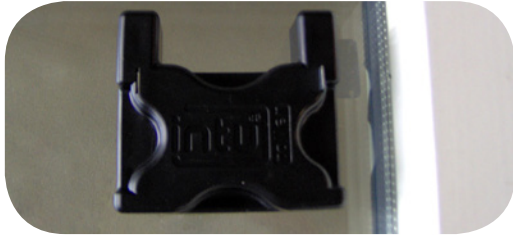
Headrail Lock
After installation ensure that headrail locking arm is fully engaged. This can be checked by looking from below to ensure locking arm is sitting parallel with mating bracket.

N.B. It is important to ensure that blind is always left in the locked position.



Blind Locked

INTU Deep Bead: Roller



1. Using fitting tool, insert top corner fixing bracket behind rubber bead, repeat on opposite side.

N.B. Bracket positions must be manually adjusted when fitting side extrusions and headrail fascia based on frame shape and size.



2. Insert bottom corner fixing bracket behind rubber bead, repeat on opposite side.



3. Locate the profile bottom endcap over the bottom bracket, once fitted use side profile to position bottom fixing bracket.



4. Apply pressure to click home the profile top endcap.

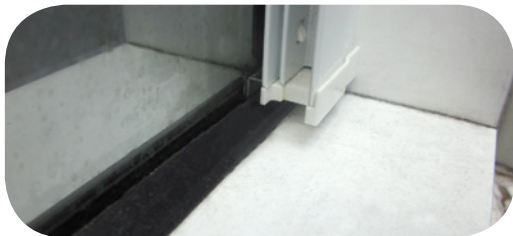


5. Insert one side of fabric and corresponding bottom bar endcap into side profile and push headrail onto top corner brackets on both sides.

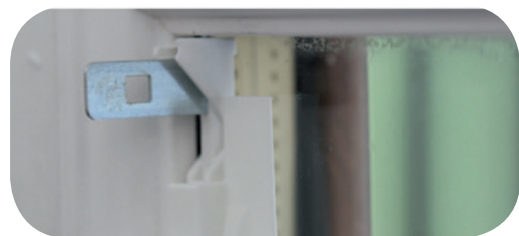
N.B. Do not push blind fully home onto brackets.



6. On opposite side, tilt bottom bar to open position and slide profile over bottom bar endcap and fabric ensuring both are located within the fabric channel on the side profile.



7. When the side profile is pushed all the way up and is in position, engage the side profile bottom bracket into the bottom corner fixing bracket.



8. Side profile can then be clipped home onto the top corner fixing bracket.

N.B. The position of the side profile can be adjusted up or down to help with fabric run off due to uneven window frames.

continued...

(continued)

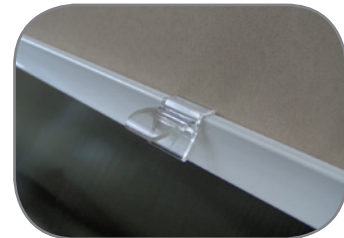
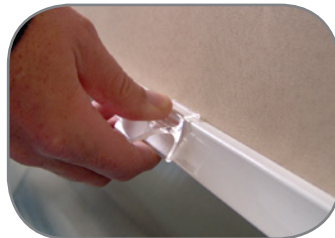


9. Position relevant number of side profile clips according to the drop of the blind. Push clips fully home.



10. Headrail fascia should be pushed fully on ensuring locks are engaged on both sides.

Handle Attachment Fitting



Ensure operating handle grips are fitted to bottom bar. When fitting follow steps shown above.

- a) Attach handle to bottom lip of bar
- b) Rotate upwards and lock over top lip of bar
- c) Slide to required position.

N.B. 2 handles should be fitted to every blind, positioned evenly from both sides.

intu[®]
S C R E W F I T

HIVE & PLEATED

VENETIAN

MICRO



INTU Screwfit System

The INTU Screwfit system has no free-hanging cord loops making it child safe by design and one of the safest blinds available. The Hive & Pleated and Venetian systems comes in white, silver, brown or anthracite rail and endcaps. The Micro system comes in white, brown or anthracite rail and endcaps.

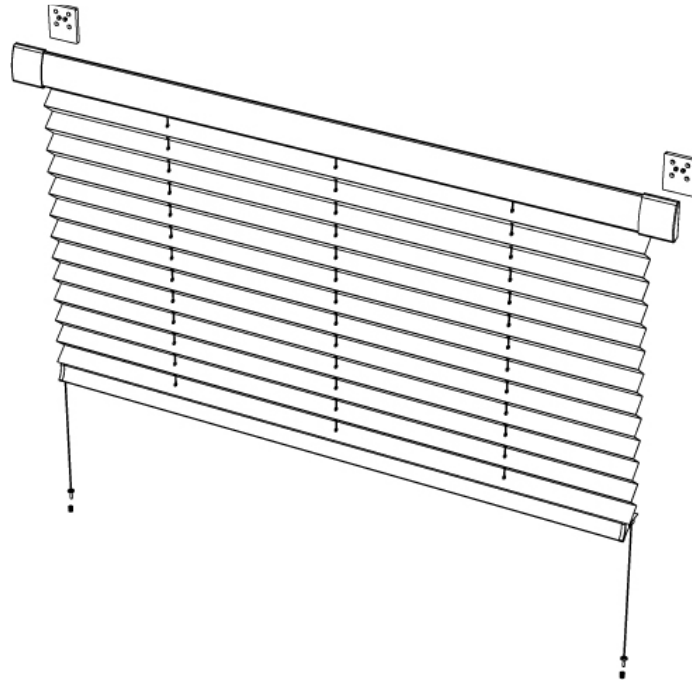
Screwfit is available in Hive & Pleated, Venetian and Micro.

For Venetians, choose between a top control slat tilter or a wand operation to best suit each individual installation.

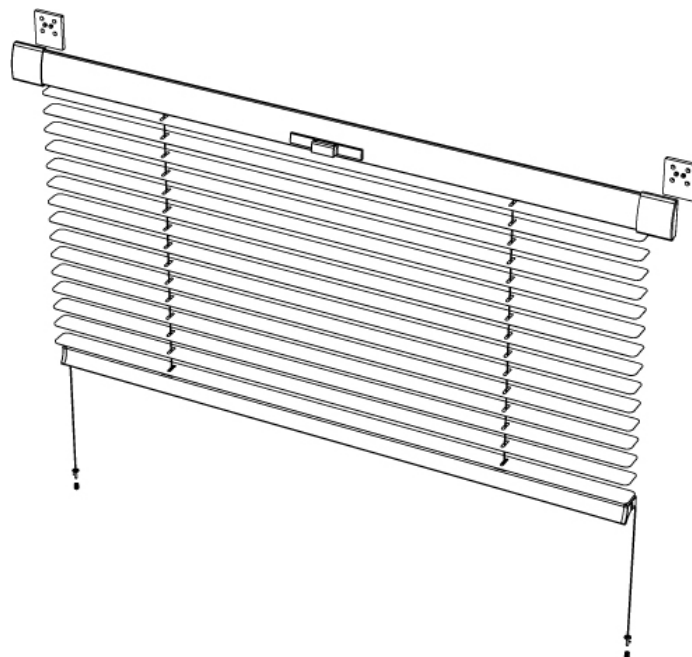


Exploded Diagram

Hive & Pleated

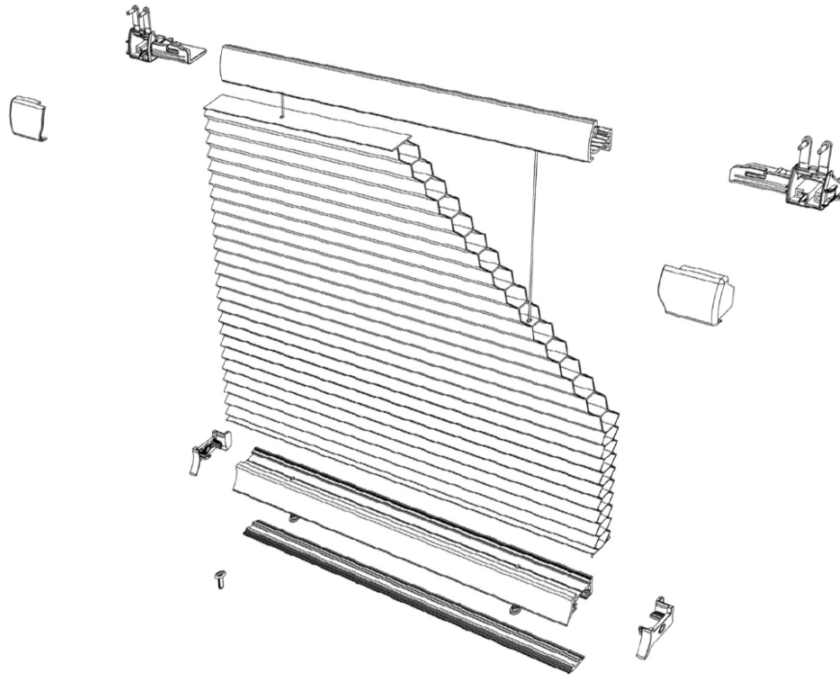


Venetian



Exploded Diagram

Micro



INTU Screw Fit: Hive & Pleated / Venetian

INTU Pleated is a blind system designed to fit neatly with most uPVC and tilt and turn windows, designed for Hive & Pleated fabric and Venetian slat. The system uses an extruded aluminium headrail. The bottomrail is an extruded aluminium profile that also acts as an operating handle. The INTU system is also suitable for use on most aluminium & timber frames.

Recommended Size Parameters:

Max Width	1800mm	Min Width	240mm
Max Height	2500mm	Min Height	100mm
Min Bead Depth	11mm	Max Area	2.5m ²
Max Bead Depth	N/A		

Control Options:

Raise/Lower: This is done using the profiled bottomrail, the blind can be positioned in any position by simply raising or lowering to desired position. An operating rod is available for hard to reach installations.

Tilt:
(Venetian Only) Option 1: This is done by sliding the “Top Control Handle”, which is located in the centre of the headrail, either left or right until the slats are in the desired position.

Option 2: This is done using a wand control, by rotating the wand the slats can be tilted to the desired position.

Blind Width	Glass Size -2mm
Blind Drop	Glass Size
Headrail	Blind Width
Bottom Rail	BW - 10mm

Hive & Pleated Only	
No of Pleats	See Drop Chart TS012_1
No of Cells	See Drop Chart TS008_1

Venetian Only	
Head Rail Insert	BW -152mm (500mm>) BW -76mm (<500mm)
No of Slats	See Drop Chart TS004_1 & TS005_1



Installation Brackets:

Installation of blinds is achieved using 4 No.6 x 1/2" or 3/4" fixing screws that are fitted directly to head rail end caps. Tension cords are fitted using specially designed bead grommets that are fitted through 2.5mm drilled holes in the bottom bead of the window. Brass Bushes are supplied for installations where blind is being fitted to a timber frame, to allow for fitting of bead grommets.

Distance Plates			
Bead Depth 11>14mm	2 Pairs	Bead Depth 15>18mm	1 Pair
Bead Depth 19 and Above	0irs		

Blind Tensioning:

Blinds are NOT supplied pre-tensioned. Tensioning of blinds should be carried out by fitter as per Eclipse Fitting Instructions.

Size Parameters For Tension Springs

Demo/Small	VIH216
Small	VIH345
Medium	VIH346
Large	VIH347
Blinds Over 1.5m ²	PH503

Blinds Under 300mm Width

	→ 0.5m ²
0.5m ²	→ 1.0m ²
1.0m ²	→ 1.5m ²
1.5m ²	→ 2.5m ²

INTU Screw Fit: Micro

Recommended Size Parameters:

Tensioned Screw Fit			
Max Width	1400mm	Min Width	250mm
Max Drop	2000mm	Min Drop	250mm
Max Area	2.5m ²		

Control Options:

Raise/Lower: Raising and lowering the blind is achieved using the bottom bar. Simply decide on a height, move the bottom bar up or down and it will stay wherever you position it.

Measurement Information:

Screw Fit			
Blind Width	Measured Glass Size	Blind Drop	Measured Glass Size
Head Rail	Blind Width - 50mm	Bottom Rail	Blind Width - 20mm
Bottom Rail PVC Insert	Blind Width - 20mm	Fabric Size	Blind Width - 2mm
Minimum Bead Depth	16mm	No. of pleats	TS028
Maximum Bead Depth	N/A	No. of cells	TS065

Cord Spacing:

Cord Spacing		
Blind Width < 590mm	End spacing of 70mm	2 cords
Blind Width > 591mm	End spacing of 70mm	4 cords

Lift Cord:

Lift cord colours co-ordinate with fabric colour.



Installation:

Installation of blinds is achieved using 2 fixing screws that are fitted directly to headrail endcaps. Tension cords are fitted using specially designed bead grommets that are installed through drilled holes in the bottom bead of the door/window. Brass bushes are supplied for installations where blind is being fitted to a timber frame. For detailed instructions please see Eclipse fitting instructions.

Installation		
	ALUMINIUM/PVC	TIMBER
Blind Width < 590mm	2.5mm drill bit	4mm drill bit
Blind Width > 590mm	3mm drill bit	5.5mm drill bit

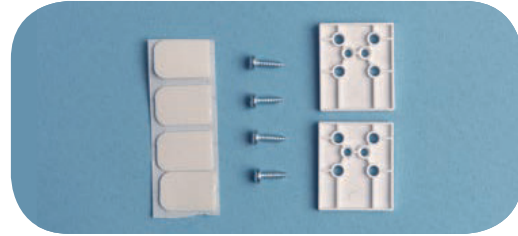
Blind Tensioning:

Screw Fit blinds are not supplied pre-tensioned. Tensioning should be carried out by a fitter as per Eclipse Fitting Instructions.

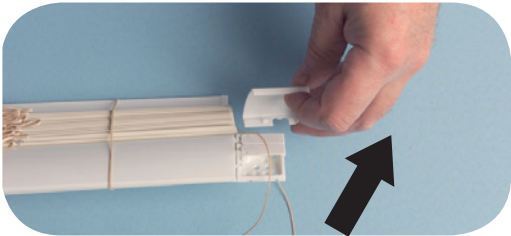
INTU Screw Fit: Hive & Pleated



1. Fitting tools required include star point magnetic screwdriver (TP486), scissors and Ø2.5mm drill bit.



2. Accessories pack (packing pieces as required).



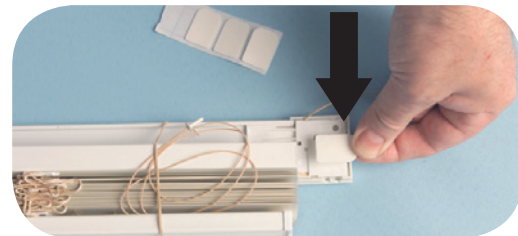
3. Unclip trimcap on both sides.



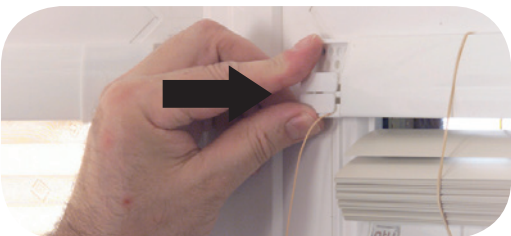
4. Using blind, mark positions for the cord grommet holes.



5. With the drill at 90° to the surface, drill one Ø2.5mm hole on each side.



6. Attach double sided adhesive pad.



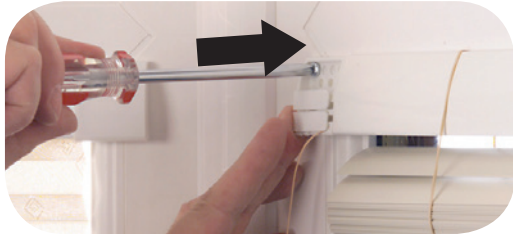
7. Stick blind onto frame leaving rubber band around blind.



8. Drill 2 Ø2.5mm holes on each side.

continued...

(continued)



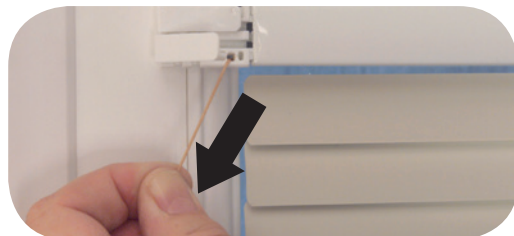
9. Hand screw fixings.



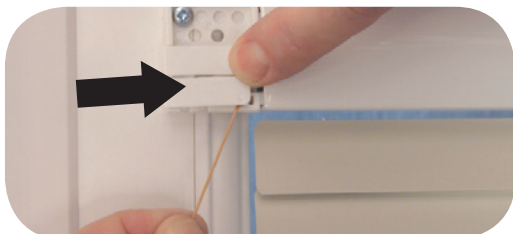
10. Push cord knot into hole, push fixing grommet into hole, aligning groove to cord.



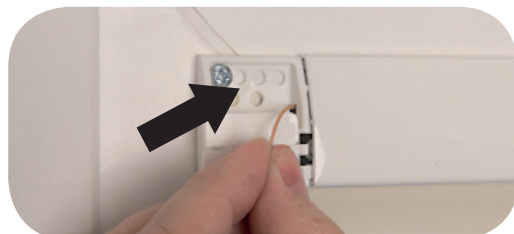
11. Holding button, pull cord tight to secure.



12. Remove rubber band. Carefully release locking gate. Pull cord to tension approx. equal on both sides.



13. Press locking gate closed to secure cord.



14. Cut-off excess cord leaving 100mm min. Tuck through hole in endcap.



15. Clip on trimcaps.

Fitting Blind to Timber Frame



a1. Fitting tools required include Ø4mm drill bit and star point screwdriver.



a2. Mark position as outlined in step 4. Drill Ø4mm hole to depth of 10mm.



a3. Screw in brass inserts until flush with timber surface.



a4. Push cord knot into brass insert, push grommet into brass insert, aligning groove to cord.

Final Step

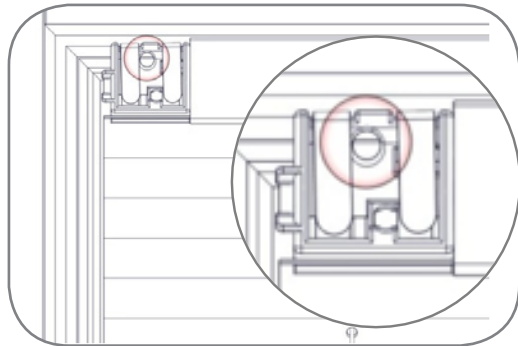


a1. Check the blind operation, raise/lower and open/close is satisfactory.

INTU Screw Fit: Micro

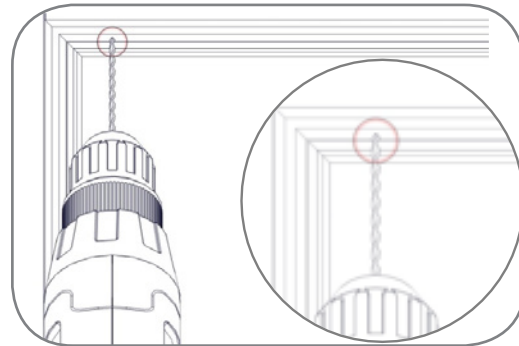
You will need

- A drill
- Drill bits - Headrail: 2.5mm - Bottomrail: 3mm, 4mm and 4.5mm (depending on install, see page 7)
- 1x Phillips screwdriver
- 1x sharp knife or scissors
- 1x pen or pencil (optional)



1. Place your blind against the frame of your door or window ensuring the back of the blind is parallel to the glass and the endcap sits comfortably on the bead. Place a small mark where the centre hole of the endcap is. Repeat this for both headrail endcaps.

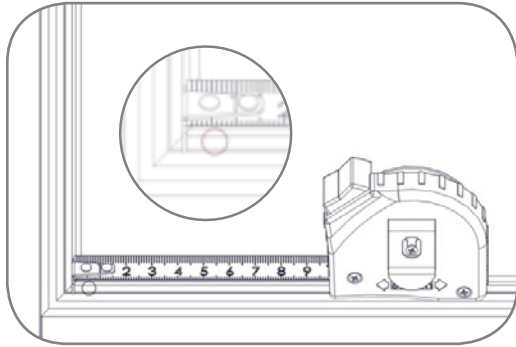
Note: If installing into a square bead you will need to mark through the endcap and the right angle adaptor.



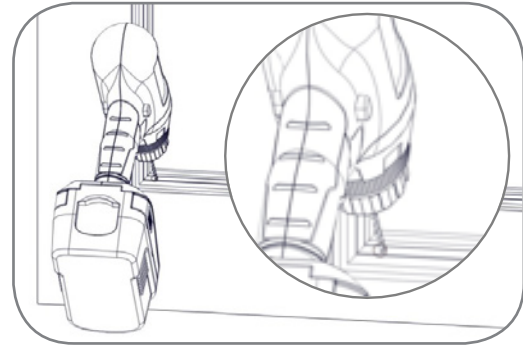
2. Using your mark as a guide. Drill into the bead at 45°. Repeat this process on the other side. (2.5mm drill bit).

continued...

(continued)

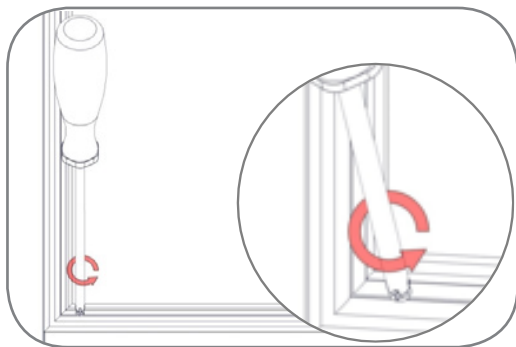


3. Mark 6mm from the bottom corner of the frame. Repeat this on the other side.



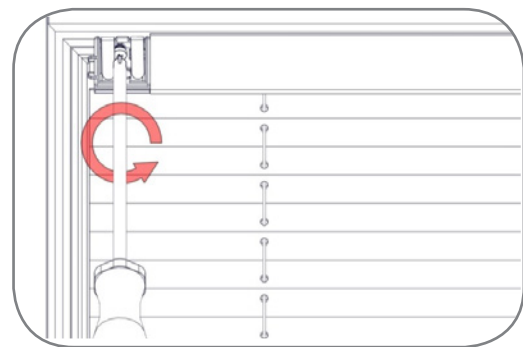
4. Drill as per table.

	ALUMINIUM/PVC	TIMBER
Blind Width < 590mm	2.5mm drill bit	4mm drill bit
Blind Width > 590mm	3mm drill bit	5.5mm drill bit



For wooden beads only

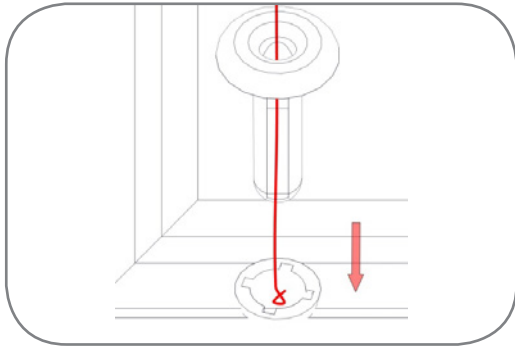
Using a No.1 Philips screwdriver, screw a brass bush into the pilot hole on the bottom bead. Repeat on the other side.



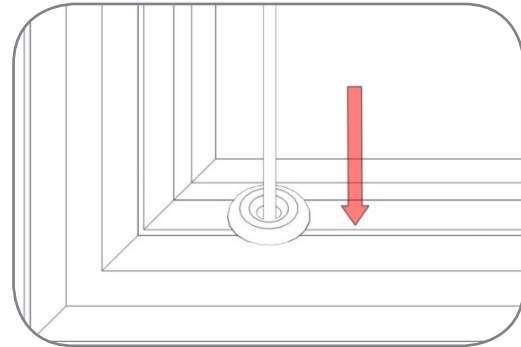
5. Line the blind up with the pilot holes in the top bead. Using the screws provided, screw the blind to the bead of the window/door.

continued...

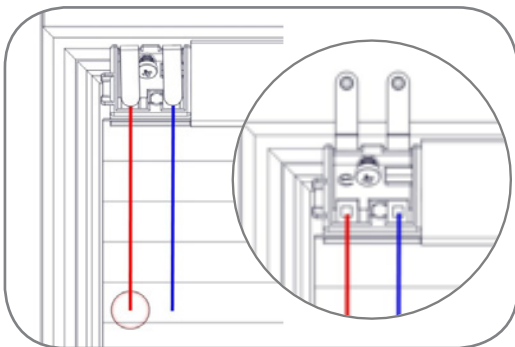
(continued)



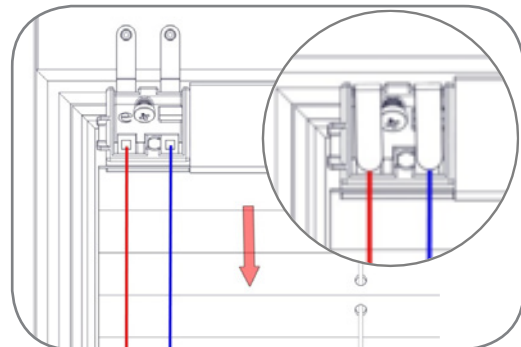
6. Insert the knot(s) on the loose cord into the pilot hole on the bottom bead followed by the bead grommet.



7. To secure the bead grommet ensure the cords are exiting the bead grommet towards you. Push the grommet until it is located fully. The cords should now be secured into the bead.



8. To tension blind, firmly hold the dangling cord from the headrail endcap and then open the gate. Repeat on the other side.

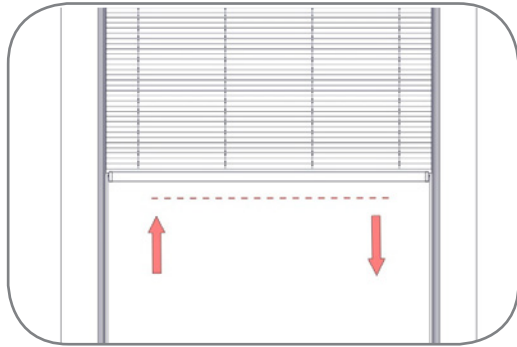


9. Slowly pull the cords until you feel resistance on both cords. Close the gate to secure the cord. Repeat this with all gates.

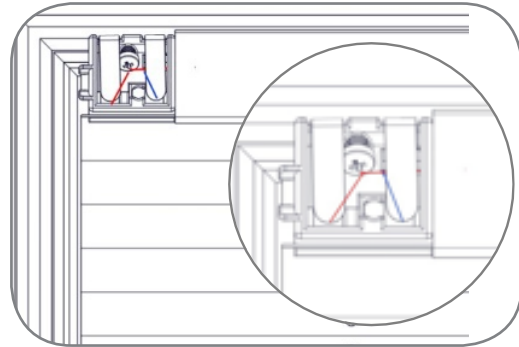
continued...



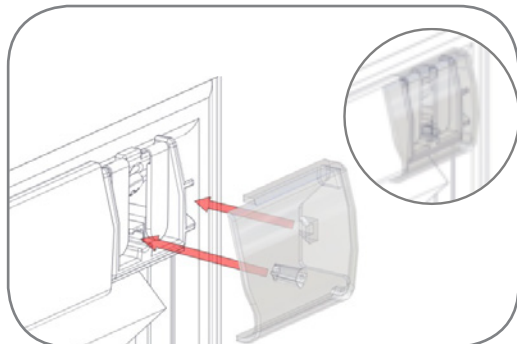
(continued)



10. Test the tension by raising the blind, ensure it stays fully raised when released. Repeat the previous 2 steps if required. Ensure bottom bar is straight by adjusting it from side to side.



11. When satisfied with the tension, shorten the cords dangling out of the closed gate to 100mm and pass them through the gap on the side of the endcap to hide them. Repeat on other side.



12. Attach endcap cover by aligning the clip on the side with the clip on the endcap. Push the endcap in fully until a click is heard.

INTU Blind Specifications

	INTU Venetian						INTU Hive & Pleated				INTU Micro		INTU Roller	
	ScrewFit		BeadFit				ScrewFit		BeadFit		ScrewFit	BeadFit	BeadFit	Deep Bead
	Top Control	Wand Control	Top Control	Top Control Privacy	Wand Control	Wand Control Privacy	ScrewFit	ScrewFit Multi Zone	BeadFit	BeadFit Multi Zone				
Min Width	240mm						240mm				250mm		325mm	
Min Drop	100mm						100mm				250mm		100mm	
Max Width	1800mm	1800mm	1400mm	1400mm	1400mm	1400mm	1800mm	1800mm	1400mm	1400mm	700mm	1000mm	1400mm	1400mm
Max Drop	2500mm	2500mm	2000mm	2000mm	2000mm	2000mm	2500mm	2500mm	2000mm	2000mm	2000mm	2000mm	2000mm*	2000mm*
Min Bead Depth	11mm	11mm	11mm	11mm	11mm	11mm	11mm	11mm	11mm	11mm	16mm		11mm	
Max Bead Depth			27mm	27mm	27mm	27mm			27mm	27mm			27mm	
Max Area	2.5m ²	2.5m ²	1.5m ²	1.5m ²	1.5m ²	1.5m ²	2.5m ²	2.5m ²	1.5m ²	1.5m ²	1.4m ²	2m ²	2m ²	2m ²

* - Some fabrics have drop limitations due to fabric thickness - please refer to Style Studio Fabric Drop Chart xxxx

INTU Options

	INTU Venetian						INTU Hive & Pleated				INTU Micro		INTU Roller	
	ScrewFit		BeadFit				ScrewFit		BeadFit		ScrewFit	BeadFit	BeadFit	Deep Bead
	Top Control	Wand Control	Top Control	Top Control Privacy	Wand Control	Wand Control Privacy	ScrewFit	ScrewFit Multi Zone	BeadFit	BeadFit Multi Zone				
Rail Colour Available	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A	W,S,Br &A
16mm slat	•	•	•	•	•	•	•	•	•	•	•	•	•	•
25mm slat	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16mm fabric											•	•		
20mm fabric							•	•	•	•				
Hive fabric							•	•	•	•				
Hive Micro							•	•	•	•	•	•		
Style Studio Roller Collection													•	•
Suitable for use in Upvc, Wooden & Aluminium frames**	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Suitable for use in Bi-fold doors with 45° bead											•	•		
Reduced headrail option - reduce headrail by 10mm per side for awkward installations	•	•	•	•	•	•	•	•	•	•				

W - White S - Silver Br - Brown A - Anthracite

** - Where Bead fit is required, ensure that frame has suitable rubber beading that will accept bead fit brackets



INTU Features & Benefits

	INTU Venetian						INTU Hive & Pleated				INTU Micro		INTU Roller	
	ScrewFit		BeadFit				ScrewFit		BeadFit		ScrewFit	BeadFit	BeadFit	Deep Bead
	Top Control	Wand Control	Top Control	Top Control Privacy	Wand Control	Wand Control Privacy	ScrewFit	ScrewFit Multi Zone	BeadFit	BeadFit Multi Zone				
Safe by Design - NO free hanging cords or loops	•	•	•	•	•	•	•	•	•	•	•	•	•	•
EasyFit - no drilling holes in window frame, No screws required			•	•	•	•			•	•		•	•	•
Suitable for use on tilting windows up to 15°	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Easy Measure (Survey Guides available)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Minimised Light Transmission				•		•	•	•	•		•	•	•	•

*** - Reduced light gaps when using Hive fabric