

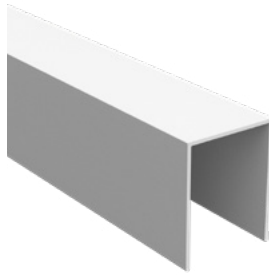


NIRVANA ALUMINIUM FIXED OPERABLE SHUTTERS

INSTALLATION OVERVIEW



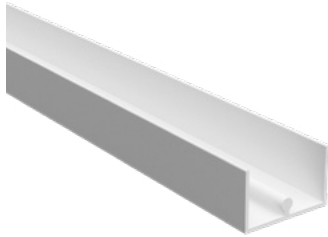
Shutter Panel Assembly



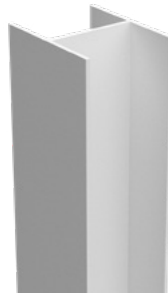
U Channel for Top



U Channel for Sides



U Channel for Bottom



H Section



Self Tapping Screws
includes 4x screws per panel

Single Shutter panel installation (See Appendix 1)



Large Angle

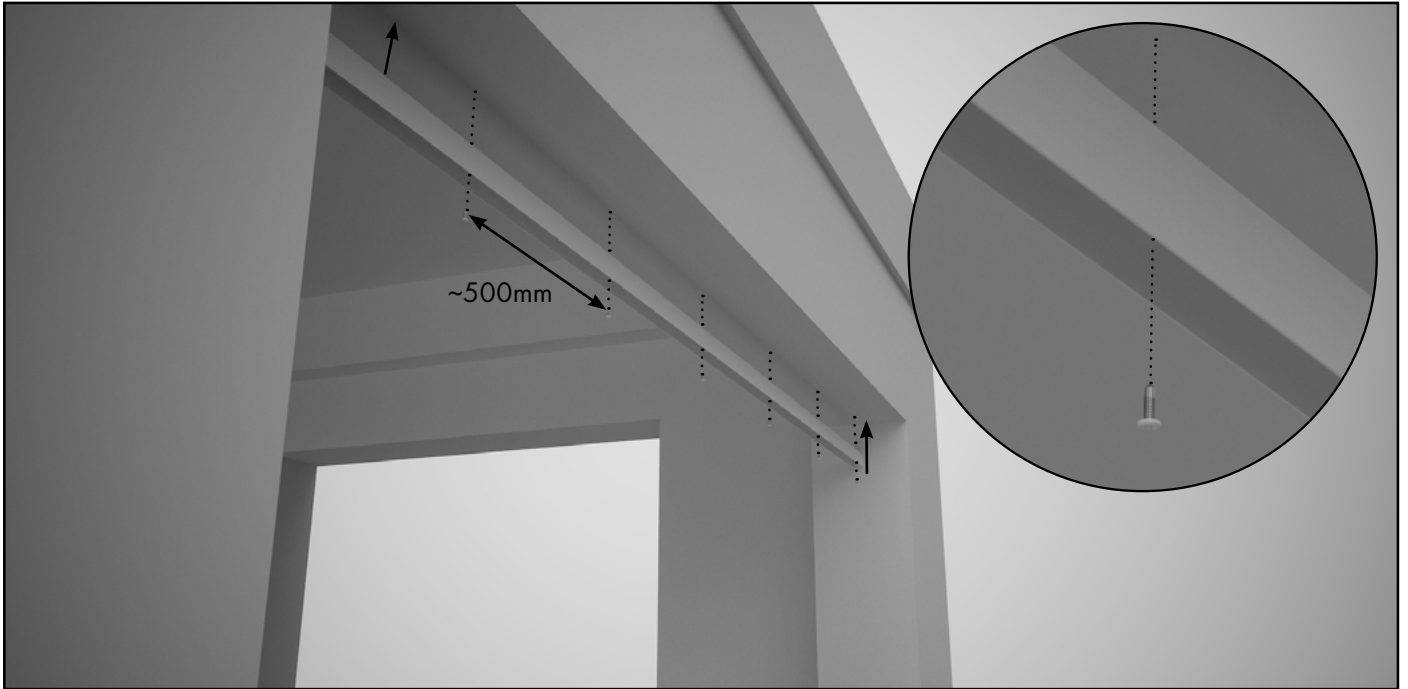


Small Angle

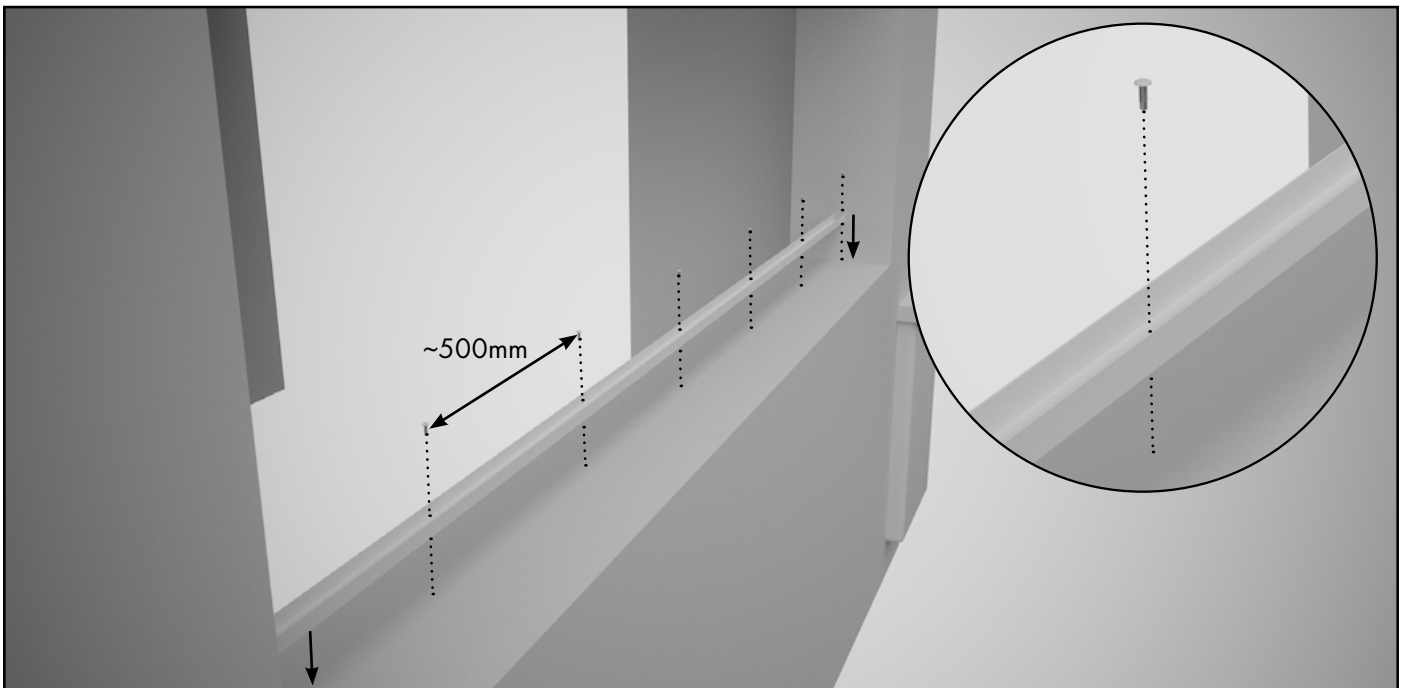


Self Tapping Screws

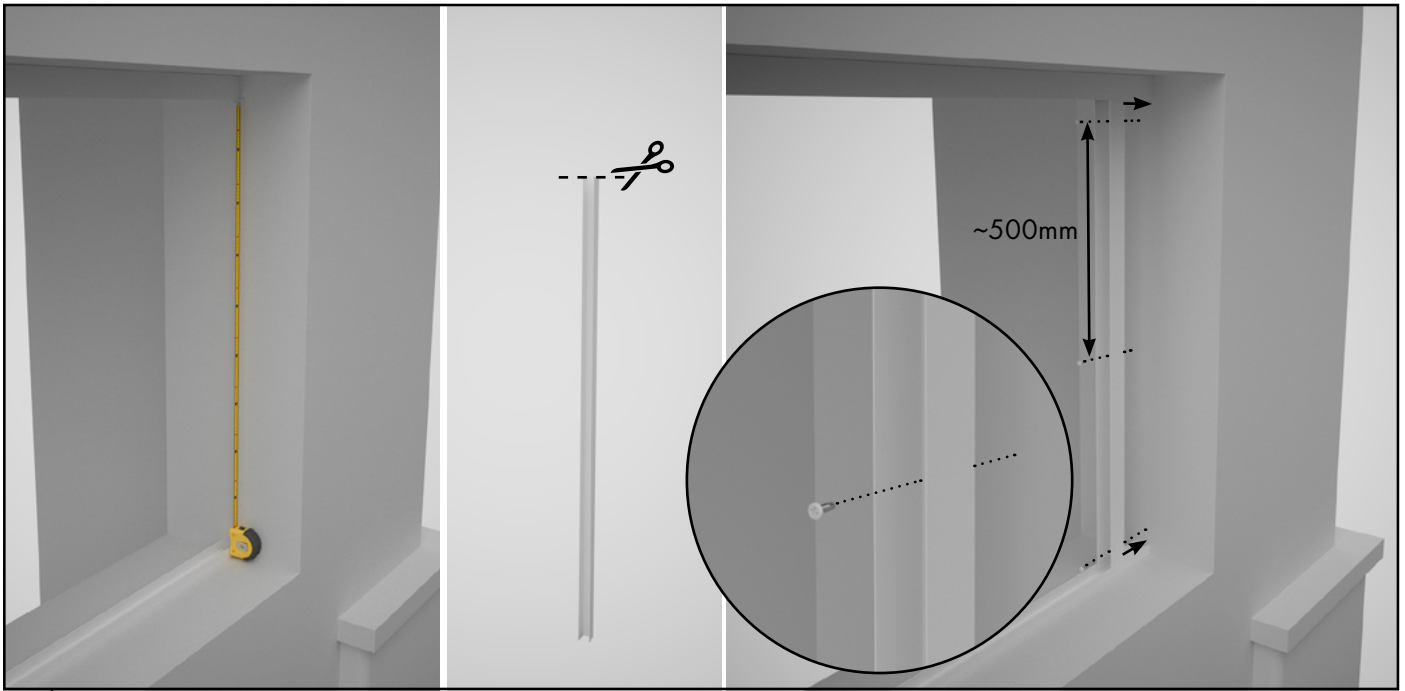




- 1 Attach the large U channel to the top of the void opening with fixtures at approximately 500mm spacings.
Note: Fixtures not supplied, ensure use of suitable fixings with regard to base substrate.



- 2 Attach bottom U channel to bottom of void opening with fixtures at approximately 500mm spacings.
Note: Fixtures not supplied, ensure use of suitable fixings with regard to base substrate.



- 3 On one side of void, measure gap between top and bottom U channels.

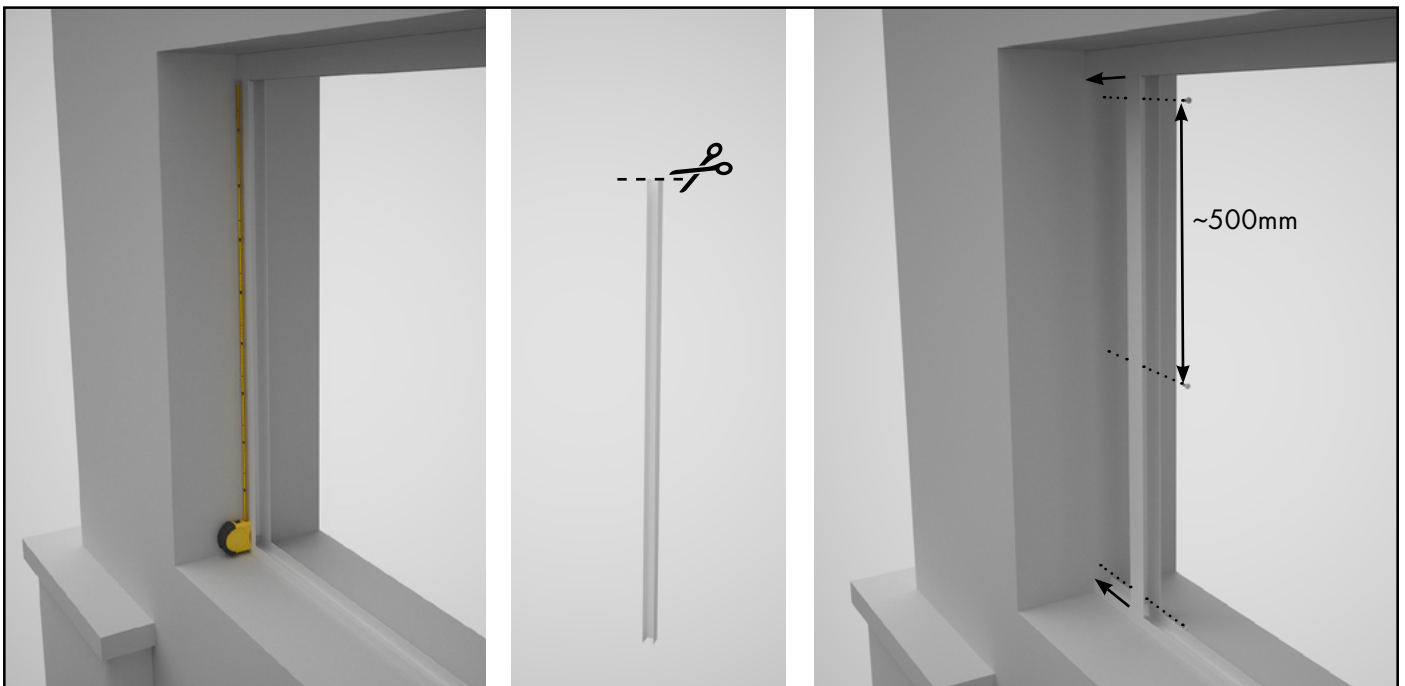
Using an aluminium saw cut side U channel to length.

Attach side U channel to side wall of void opening between top and bottom U channels with fixtures at approximately 500mm spacings.

Note: Fixtures not supplied, ensure use of suitable fixings with regard to base substrate.

Note: Do not cut U channel for other side at this stage as gaps/heights may vary.

IMPORTANT: GO TO APPENDIX 1 IF INSTALLING A SINGLE SHUTTER PANEL.



- 4 Repeat step 3 on other side of void.

Note: Gap between top and bottom U channels may differ on either side of void - ensure measure both side U-channels are measured and cut independently of each other.

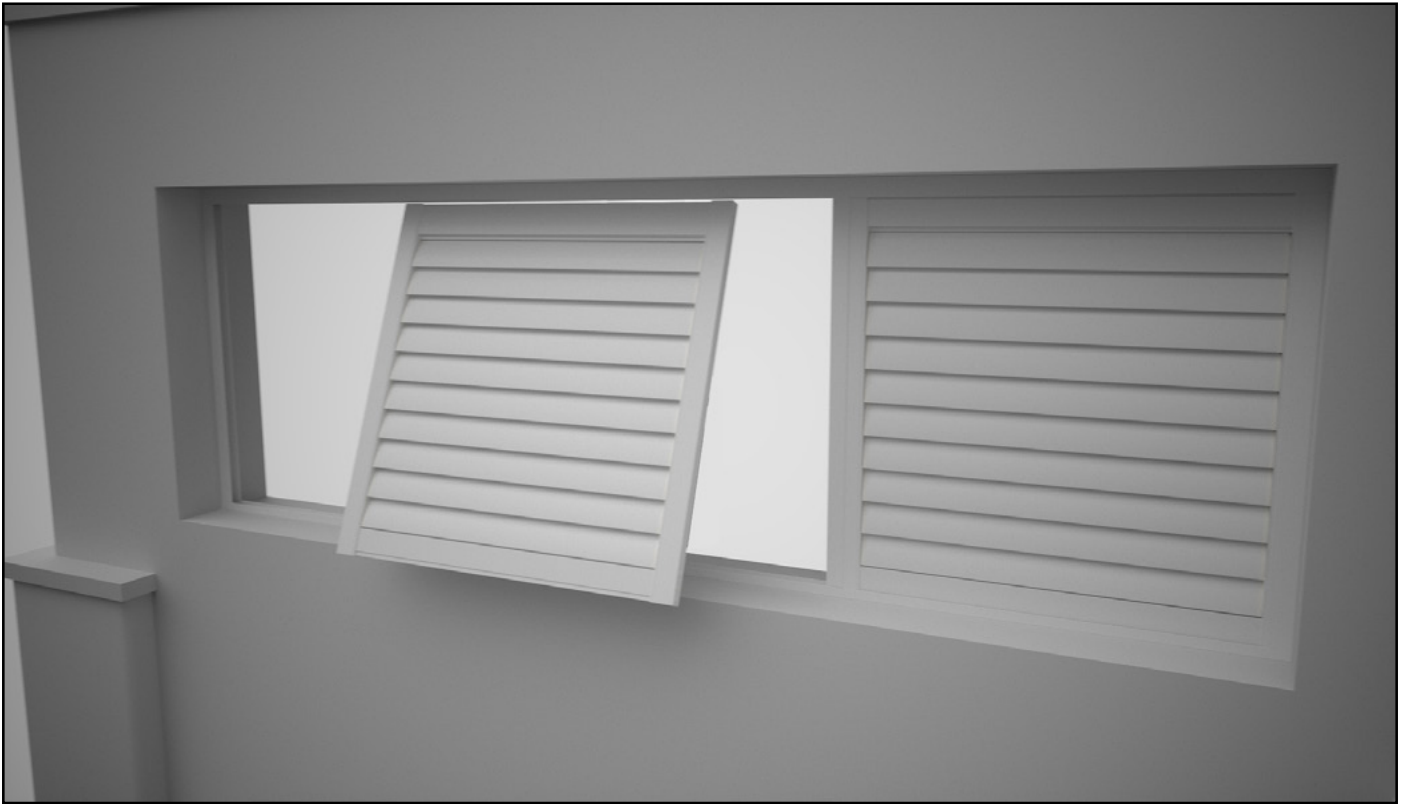


- 5 Orient panel with regard to tilt arm location, which should face inwards to dwelling.
 Tilt Shutter Panel Assembly and raise fully into Top U channel.
 Lever panel to vertical and then allow to sit carefully down into Bottom U-Channel.
 Slide panel across fully into side U-Channel.

Note: Do not screw fix the shutter panel to the outer frame at this stage.



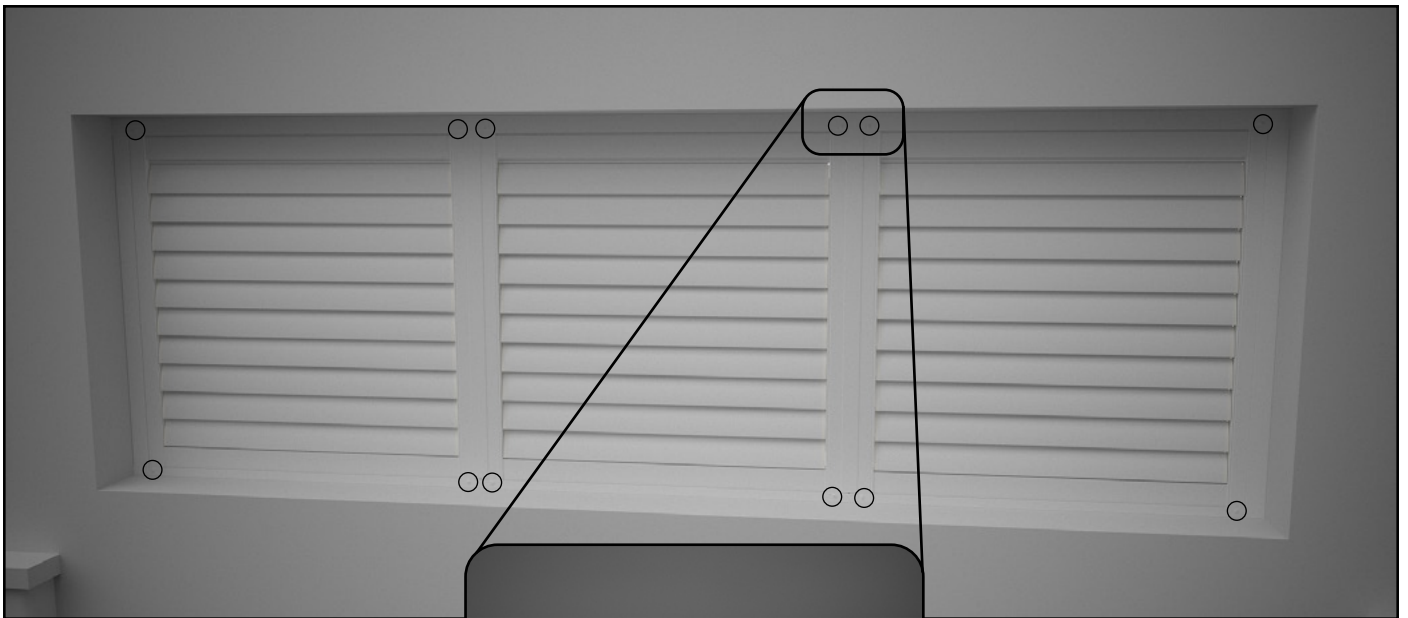
- 6 Measure the gap between Top- and Bottom- U Channels at the edge of the shutter.
 Use this measurement to cut a length of H Section using an aluminium saw.
 Fully insert the cut H Section over first Shutter Panel Assembly. The H Section is designed to be a tight fit over the side of the Shutter Panel Assembly and some pressure may need to be applied when inserting. Ensure that the outer legs of the H Section are not damaged during this process.



- 7 Repeat steps 5 and 6 for remaining Shutter Panel Assemblies and H-sections, omitting an H section for the final panel.



- 8 Shuffle Shutter Panel Assemblies and H-Sections so that they are centred in void/Side U-channels.



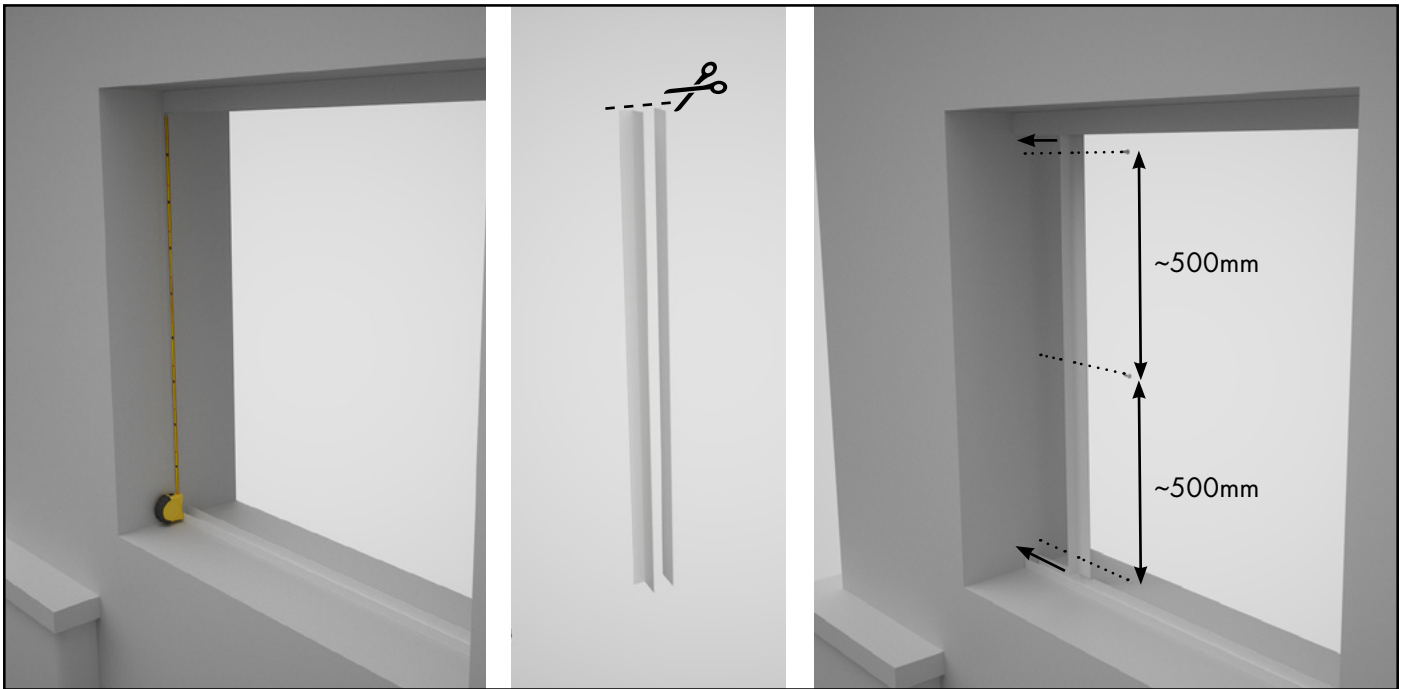
- 9 Use the supplied Self Tapping Screws to screw-off each panel in each corner (4 screws per panel) through Top- and Bottom- U Channels to secure each Shutter Panel Assembly into position.



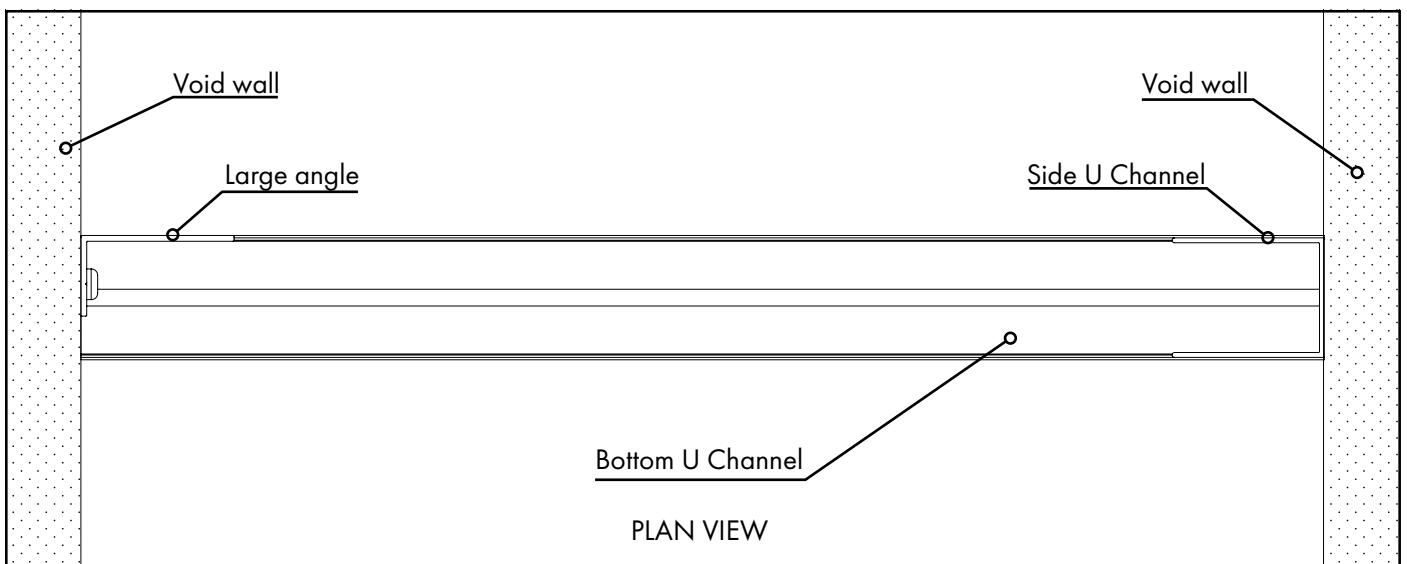
APPENDIX 1

SINGLE SHUTTER PANEL

INSTALLATION OVERVIEW



- A** Once the Top and Bottom U Channels and one side U Channel are attached, measure the gap between the top and bottom channels on the remaining side.
Using an aluminium saw, cut both Large and Small Angles to length.



- B** Attach the Large Angle to the side wall between the Top and Bottom U Channels and in line with one leg of the U Channels. Fixings at approximately 500mm spacings.

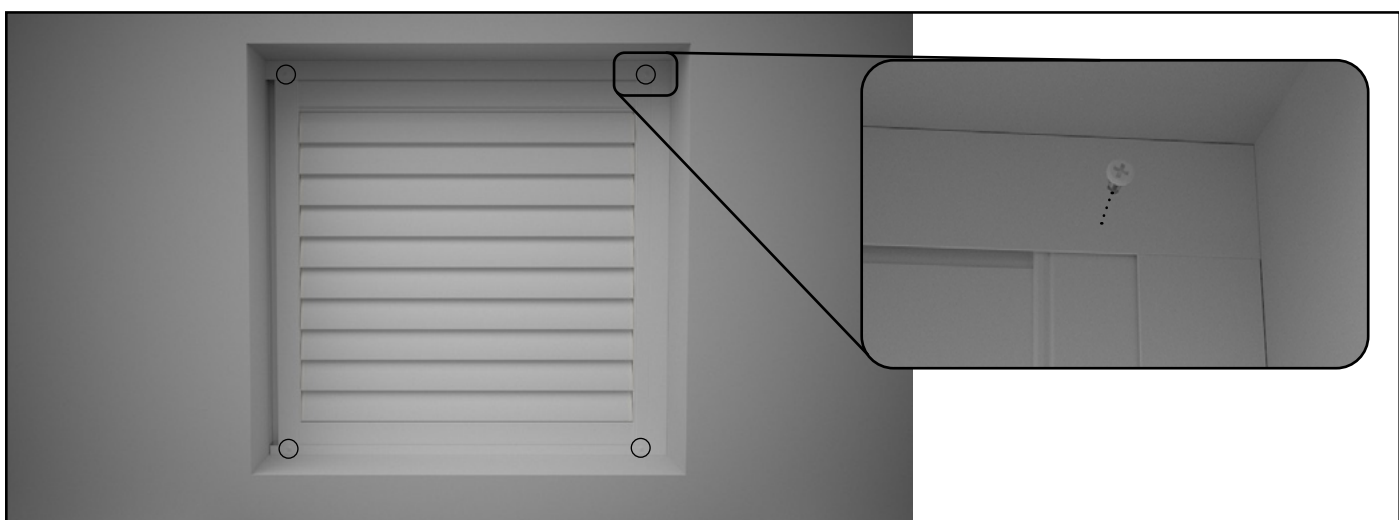
Note: Fixtures not supplied, ensure the use of suitable fixings with regard to the base substrate.



- C** Orient panel with regard to tilt arm location, which should face inwards.
 Tilt Shutter Panel Assembly and raise fully into Top U channel.
 Lever panel to vertical and then allow to sit carefully down into Bottom U-Channel.
 Slide panel across fully into side U-Channel.
Note: Do not screw fix the shutter panel to the outer frame at this stage.



- D** Slide the Shutter Assembly to centre within the outer vertical frames.



- E** Use the supplied Self Tapping Screws to screw-off Shutter Panel in each corner (4 screws per panel) through Top- and Bottom- U Channels to secure Shutter Panel into position.



- F** Attach the Small Angle between the Top and Bottom U Channels to cover the final edge of the Shutter Assembly using the Self Tapping Screws at approximately 500mm spacings.