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# FRONTIER<sup>TM</sup>

ACOUSTIC FINS

INSTALL GUIDE



# FRONTIER<sup>TM</sup>

## ACOUSTIC FINS

### **DIRECT FIX**

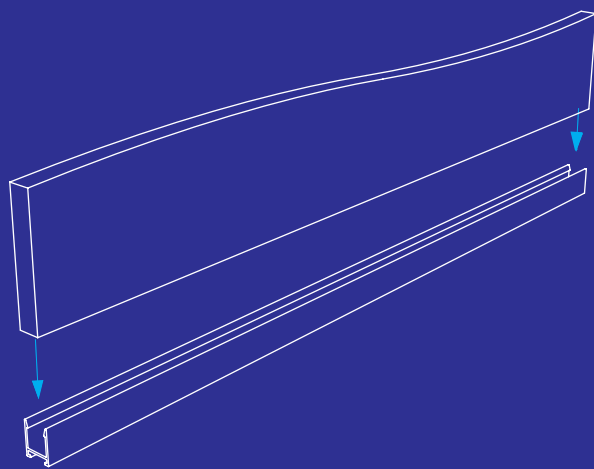
### INSTALL INSTRUCTIONS

Before work commences, please ensure you take the time to plan your Frontier install. Plan out your fixing points (1200mm centres) and the spacings of the Frontier connector clips before fixing the Frontier connector clips to the ceiling or ceiling channel.

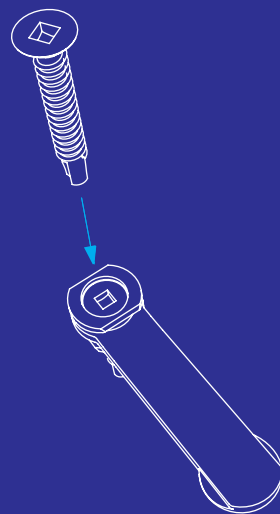
Pat. Pending NZ 727634 | AU 2016273959 | UK 1621613.7

# FRONTIER™ ACOUSTIC FINS

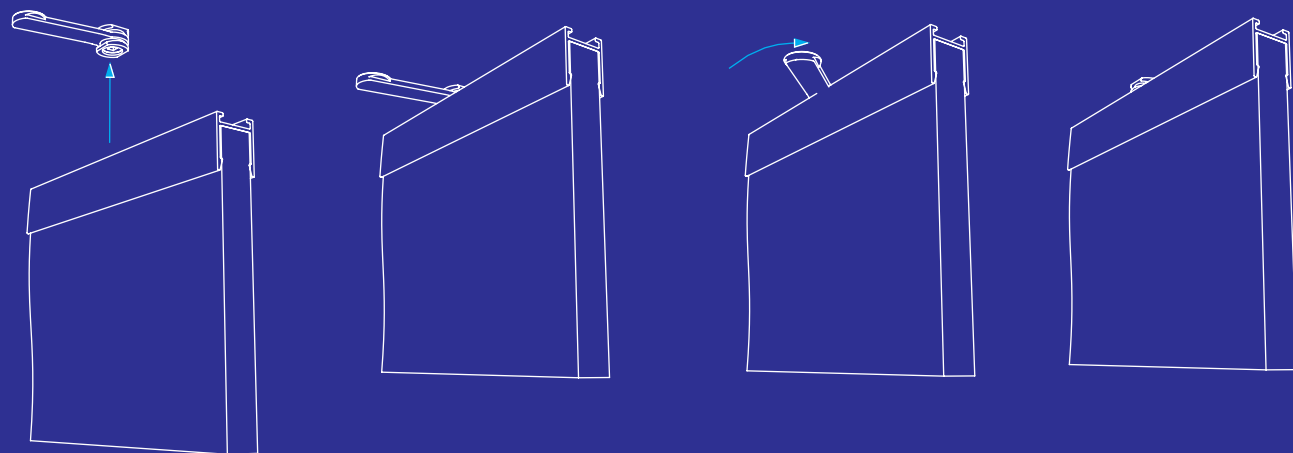
## 12MM DIRECT FIX INSTALL INSTRUCTIONS



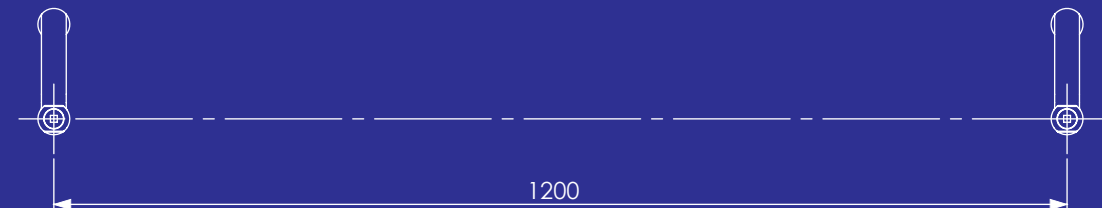
**1** Press fin into Frontier Channel, using a rubber faced hammer to ensure snug fit.



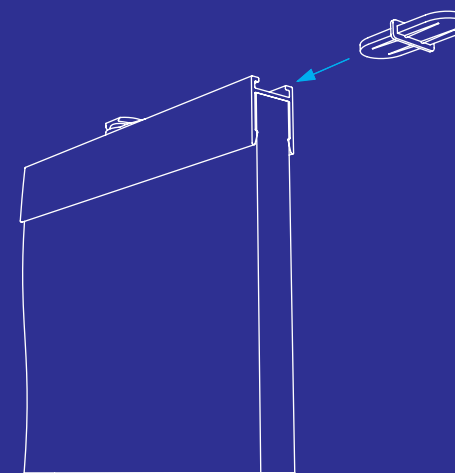
**2** Push screw into Frontier Connector. Screw head of max diameter 8mm required.



**4** With Frontier Connector perpendicular to the channel, snap channel onto Connector. Once the position is confirmed, rotate Connector 90 degrees to lock.

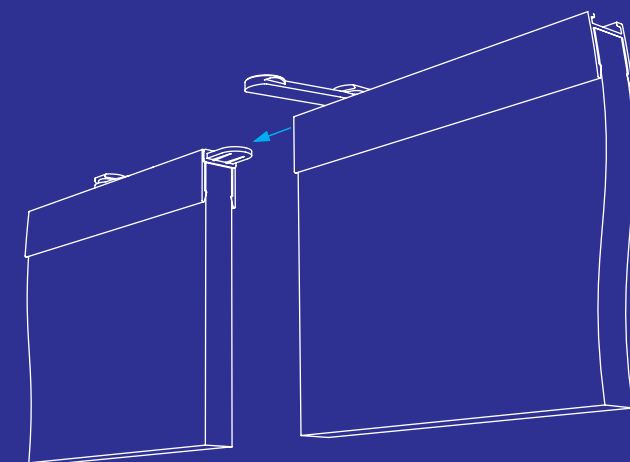


**3** While holding the screw by the Frontier Connector, screw into appropriate substrate at 1200mm centers, until the connector is firm, but turns freely on the screw.



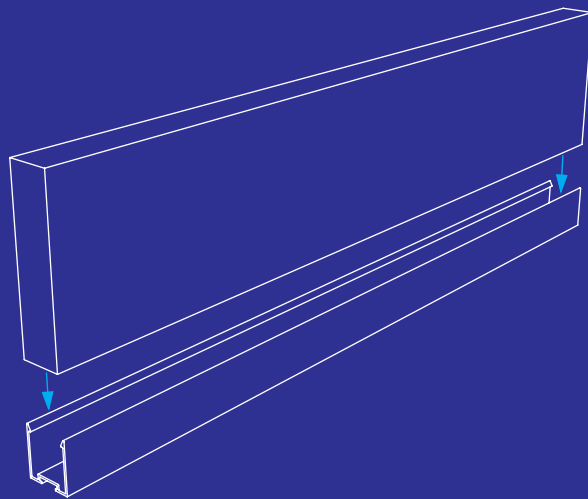
**5** If two fins join, insert a Frontier Joiner into the first (locked) channel.

**6** With the attaching fin's Connectors snapped, but not locked, slide the Channel onto the Joiner before locking Connectors.

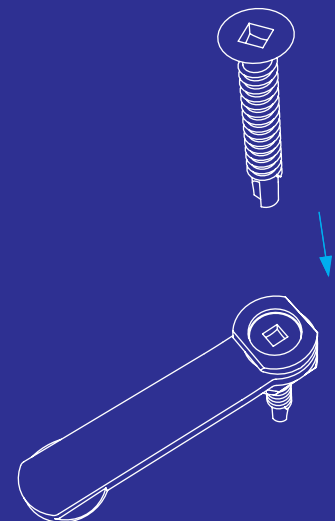


# FRONTIER™ ACOUSTIC FINS

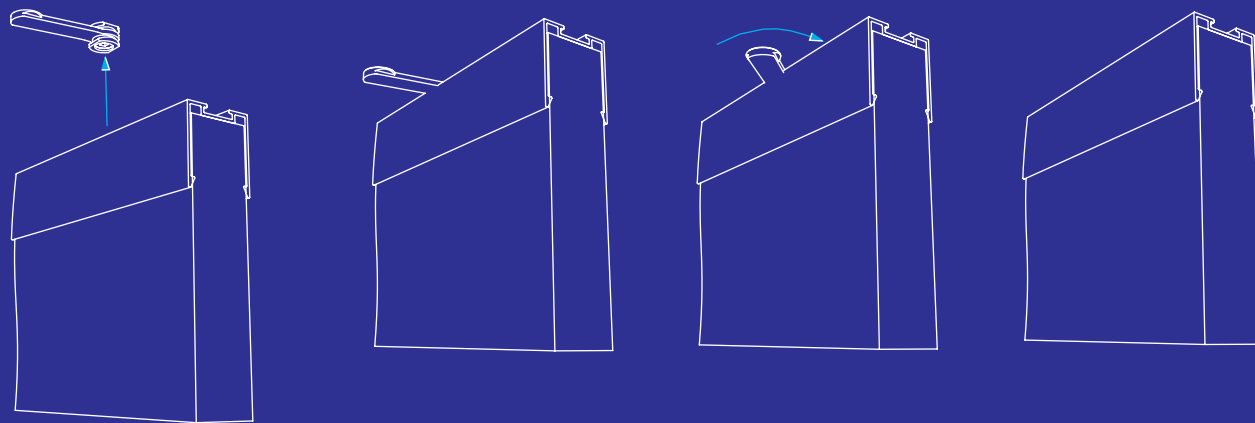
## 24MM DIRECT FIX INSTALL INSTRUCTIONS



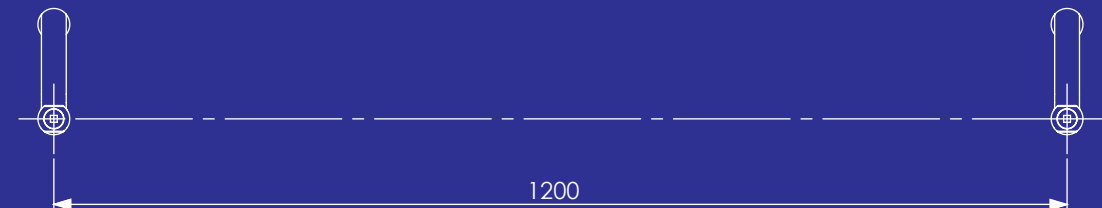
**1** Press fin into Frontier Channel, using a rubber faced hammer to ensure snug fit.



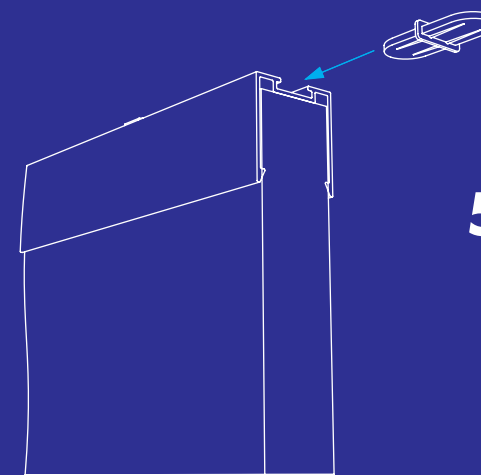
**2** Push screw into Frontier Connector. Screw head of max diameter 8mm required.



**4** With Frontier Connector perpendicular to the channel, snap channel onto Connector. Once the position is confirmed, rotate Connector 90 degrees to lock.



**3** While holding the screw by the Frontier Connector, screw into appropriate substrate at 1200mm centers, until the connector is firm, but turns freely on the screw.



**5** If two fins join, insert a Frontier Joiner into the first (locked) channel.



**6** With the attaching fin's Connectors snapped, but not locked, slide the Channel onto the Joiner before locking Connectors





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## ACOUSTIC FINS

### **SUSPENDED FIX** INSTALL INSTRUCTIONS

Before work commences, please ensure you take the time to plan your Frontier instal. Plan your fixing points (1200mm centres) and the spacings of the Frontier connector clips before fixing the Frontier connector clips to the ceiling or ceiling channel.

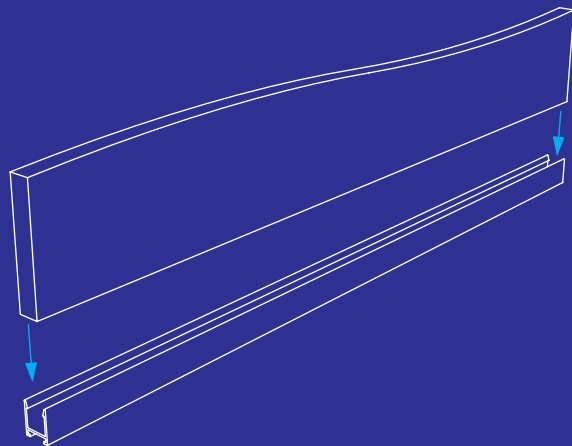
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# FRONTIER™

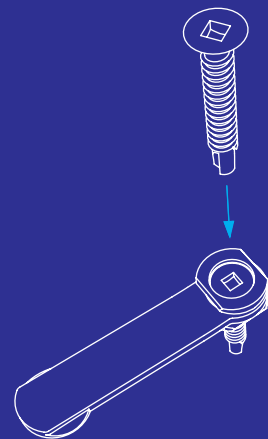
## ACOUSTIC FINS

### 12MM SUSPENDED FIX

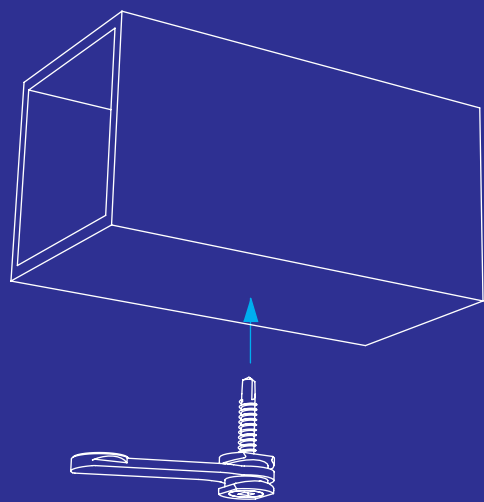
#### INSTALL INSTRUCTIONS



**1** Press fin into Frontier Channel, using a rubber faced hammer to ensure snug fit.

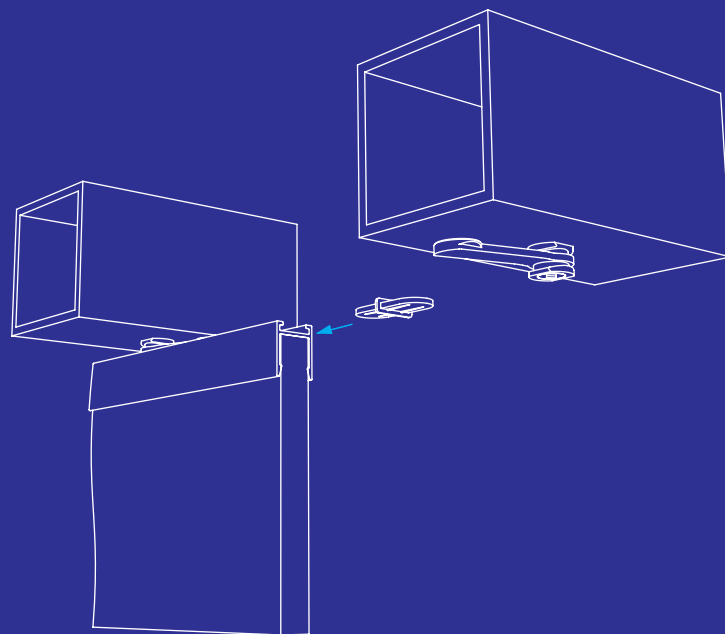


**2** Push screw into Frontier Connector. Screw head of max diameter 8mm required.

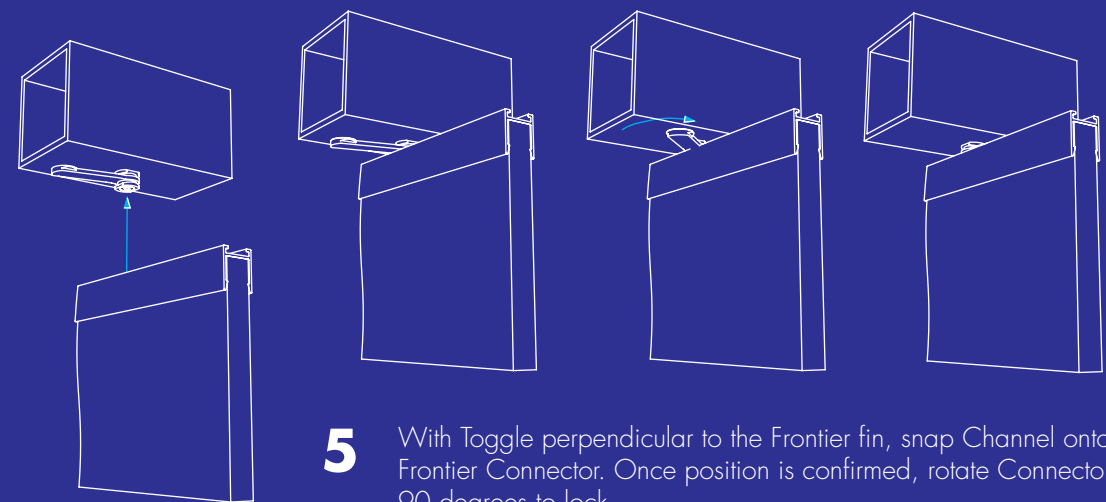


**4** While holding the screw by the Frontier Connector, screw into Aluminium box section at the desired spacing, until the connector is firm, but turns freely on the screw.

**6** If two fins join, insert a Frontier Joiner into the first (locked) channel.

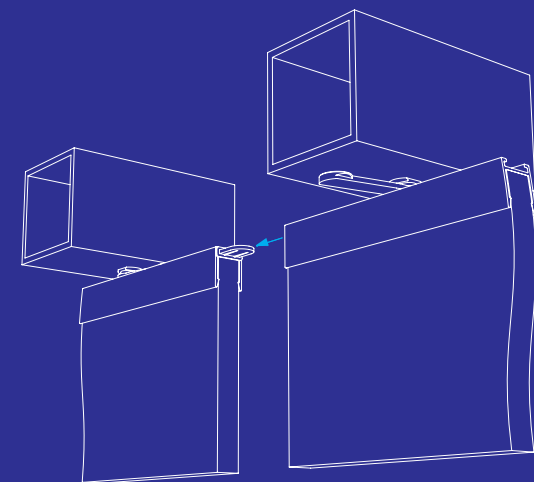


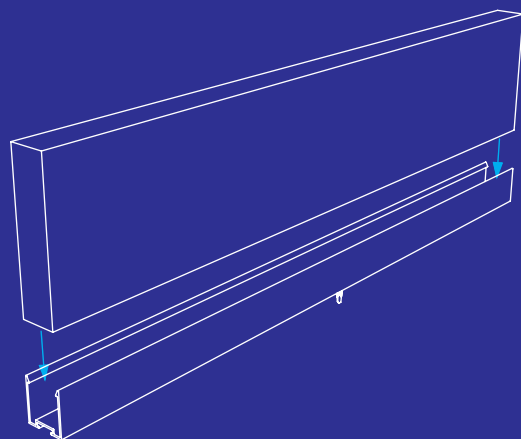
**3** Position the 50 x 50 mm Aluminium box section support rails at 1200 centers, using appropriate hardware.



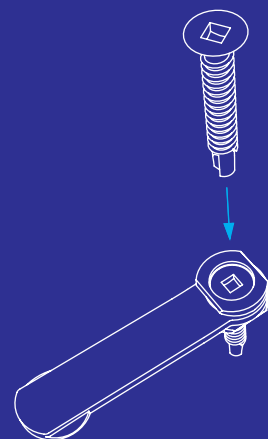
**5** With Toggle perpendicular to the Frontier fin, snap Channel onto Frontier Connector. Once position is confirmed, rotate Connector 90 degrees to lock.

**7** With the attaching fin's Connectors snapped, but not locked, slide the Channel onto the Joiner before locking Connectors.

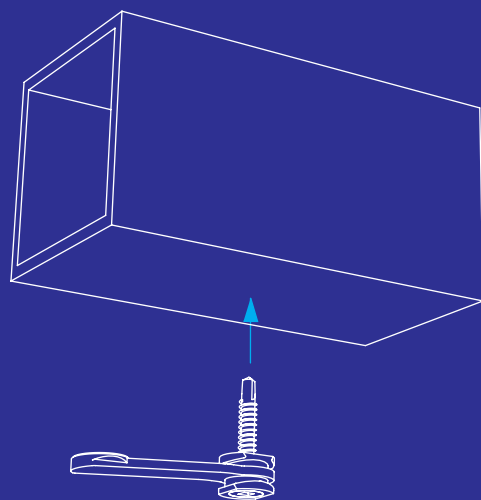




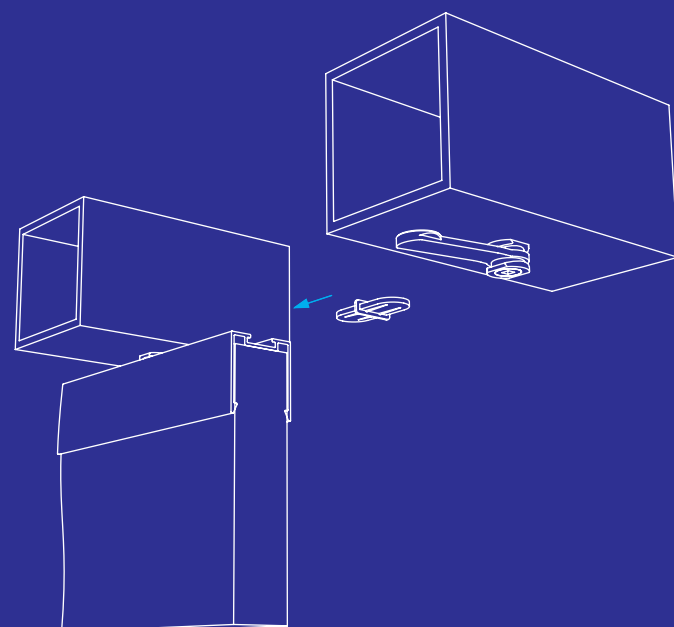
**1** Press fin into Frontier Channel, using a rubber faced hammer to ensure snug fit.



**2** Push screw into Frontier Connector. Screw head of max diameter 8mm required.



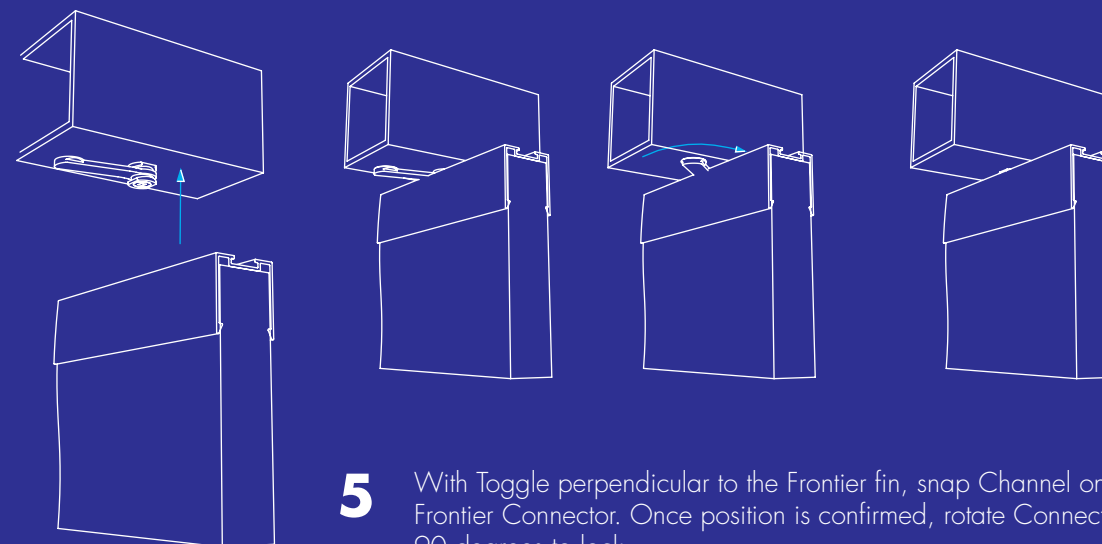
**4** While holding the screw by the Frontier Connector, screw into Aluminium box section at the desired spacing, until the connector is firm, but turns freely on the screw.



**6** If two fins join, insert a Frontier Joiner into the first (locked) channel.

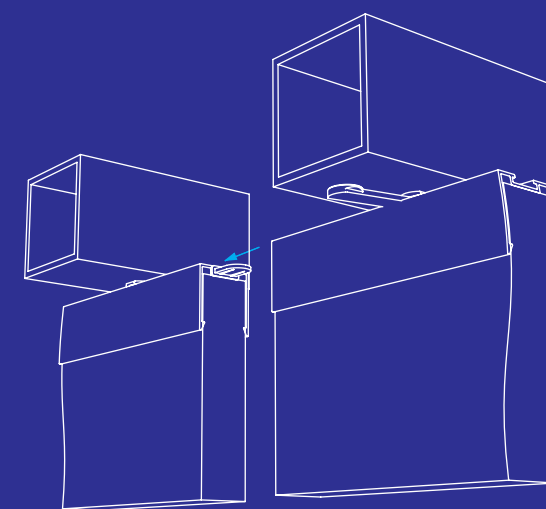


**3** Position the 50 x 50 mm Aluminium box section support rails at 1200 centers, using appropriate hardware.



**5** With Toggle perpendicular to the Frontier fin, snap Channel onto Frontier Connector. Once position is confirmed, rotate Connector 90 degrees to lock.

**7** With the attaching fin's Connectors snapped, but not locked, slide the Channel onto the Joiner before locking Connectors.





# FRONTIER<sup>TM</sup>

## ACOUSTIC FINS

### **AXIS**

### INSTALL INSTRUCTIONS

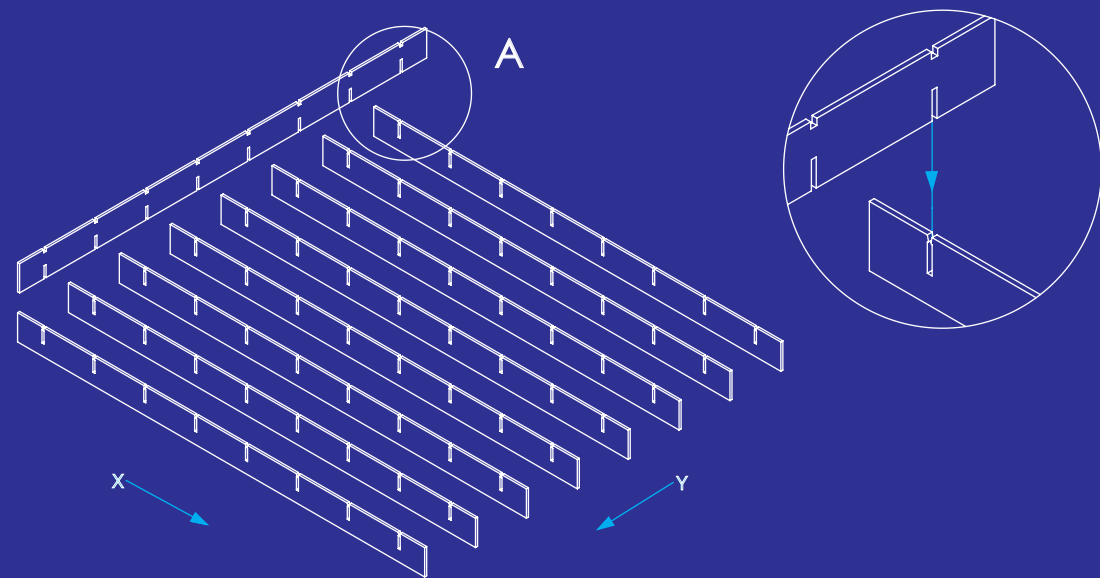
Before work commences, please ensure you take the time to plan your Frontier Install, plan your fixing points (800mm centres) and the spacings of the Frontier Connector clips before fixing the Frontier Connectors clip to the ceiling or ceiling channel.

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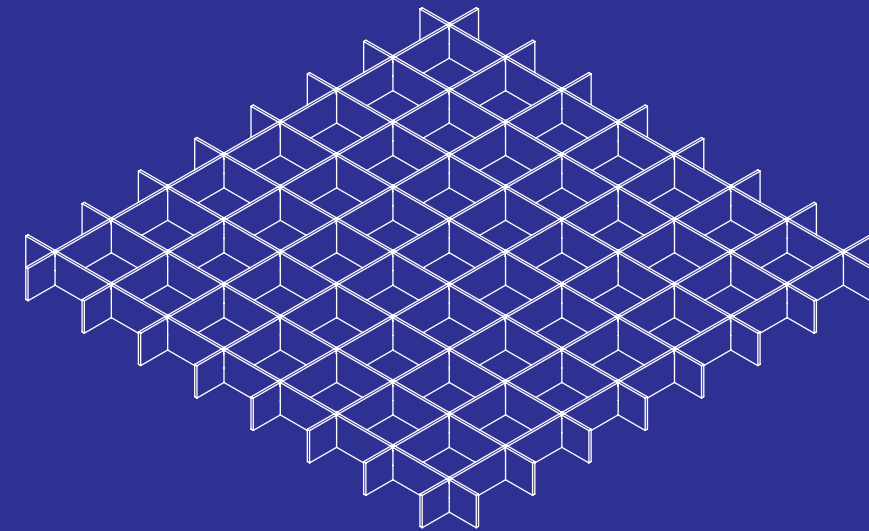


# FRONTIER™ ACOUSTIC FINS

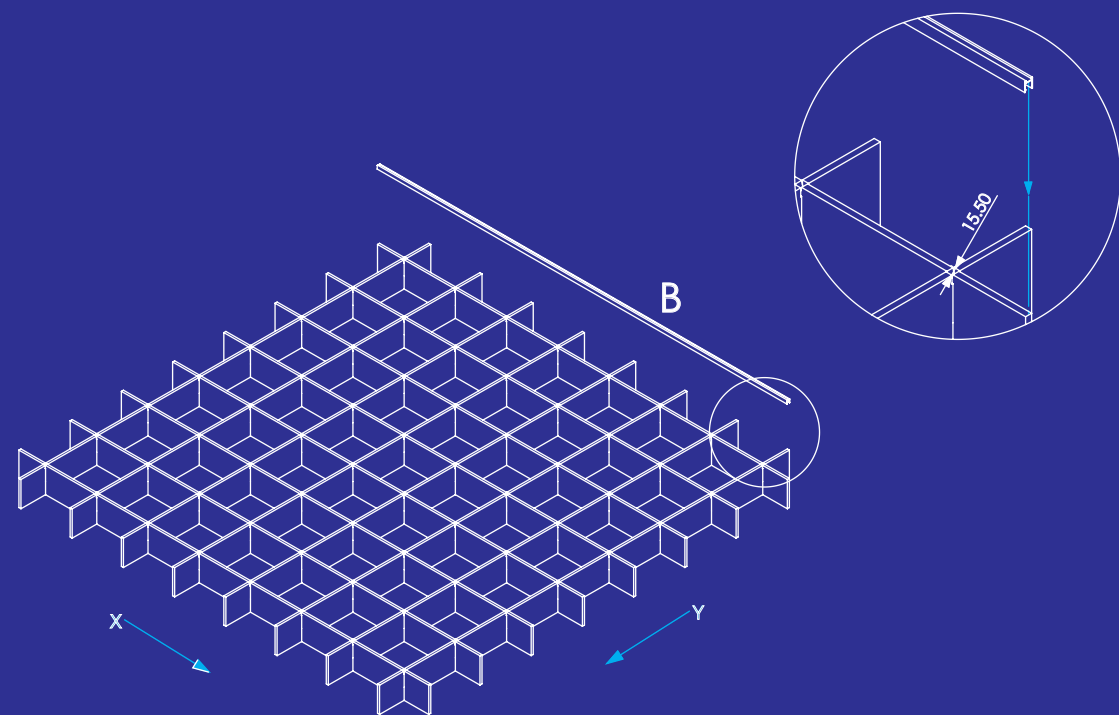
## AXIS INSTALL INSTRUCTIONS



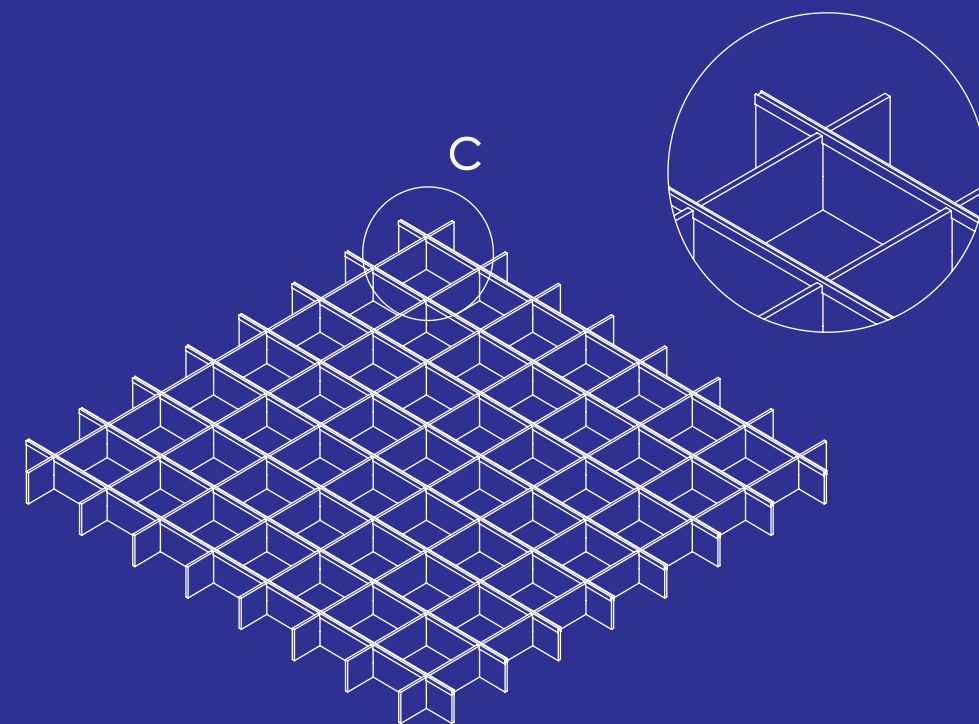
**1** Assemble the axis module by placing on a clean surface and clipping the parts together as shown in view A.



**2** Repeat step 1 until parts form an 8 x 8 grid as shown.



**3** Once grid is assembled, press a piece of Channel into place along the top edge in the direction labelled 'X', ensuring the extrusion is flush with the edge. Use a soft faced hammer to ensure the channel is fully inserted.



**4** Repeat step 3 for the remaining 7 lengths of extrusion Axis Module is now complete.

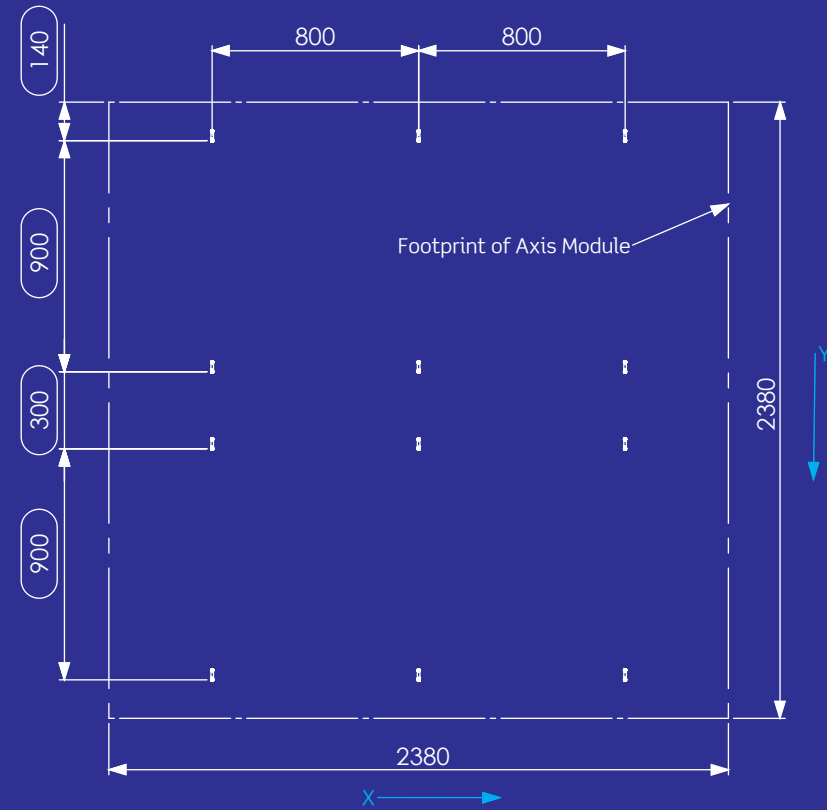
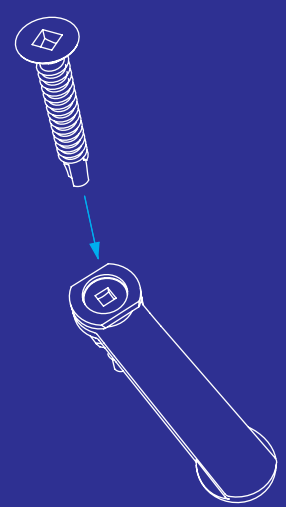
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ACOUSTIC FINS

AXIS

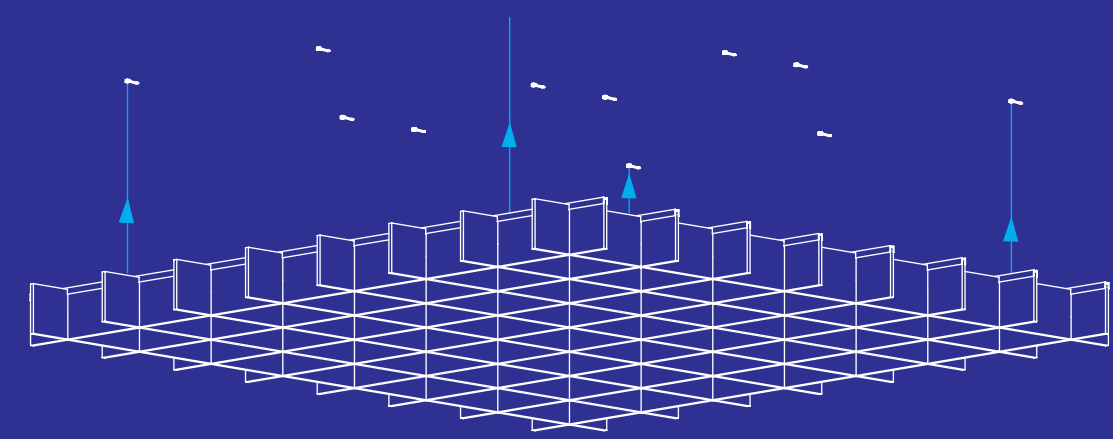
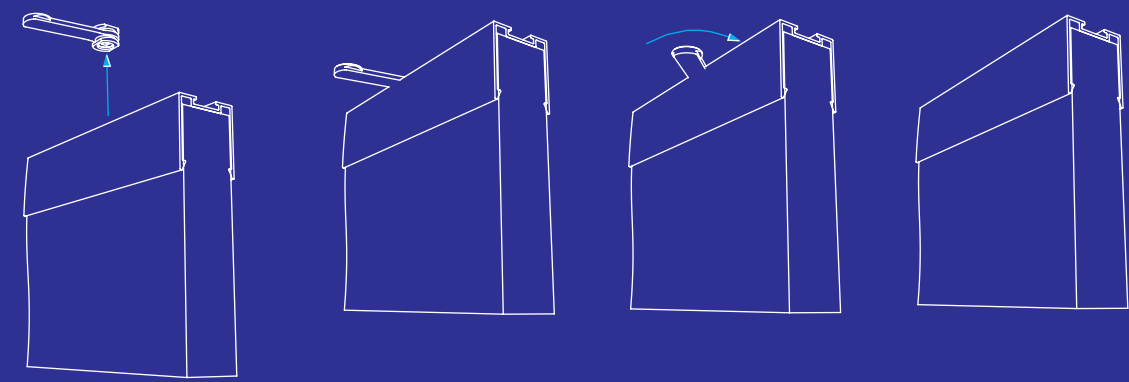
INSTALL INSTRUCTIONS

**5** Push screw into Frontier Connector. Screw head of max diameter 8mm required



**6** Mark out and screw fixings into ceiling substrate as shown above. Do not overtighten screws, Connectors should be free to turn. Repeat as necessary in X and Y directions. Circled dimensions must be accurate.

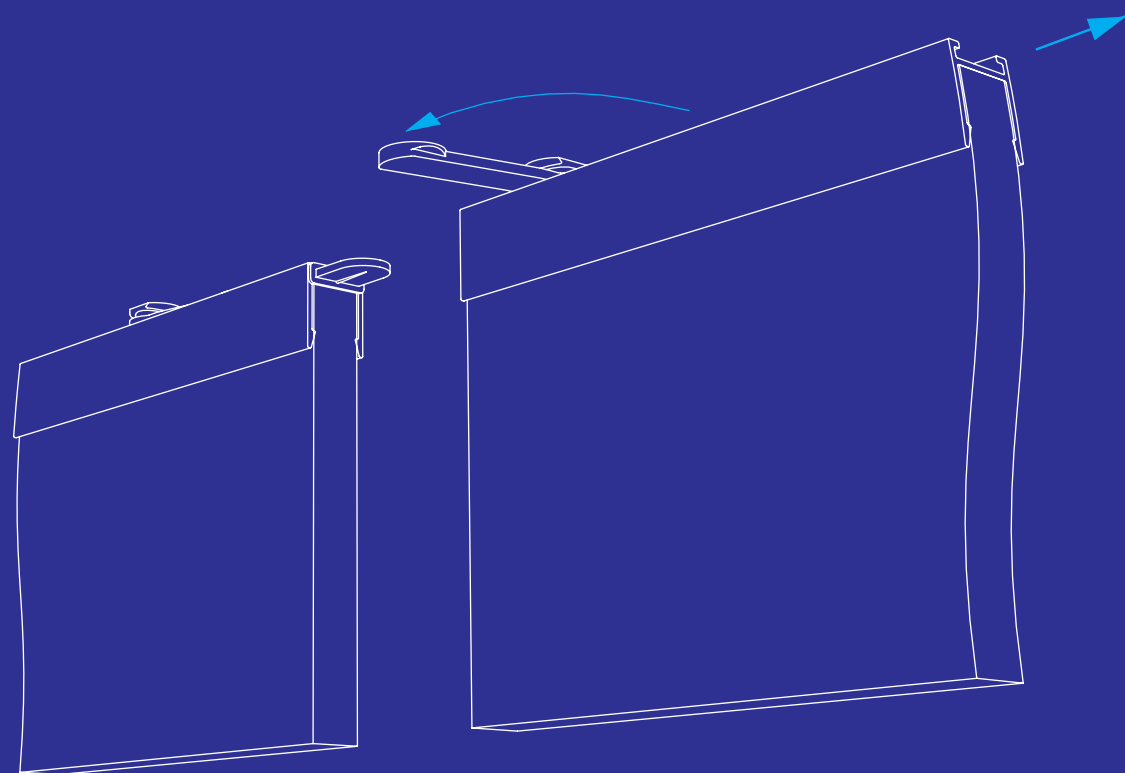
fig. ( )



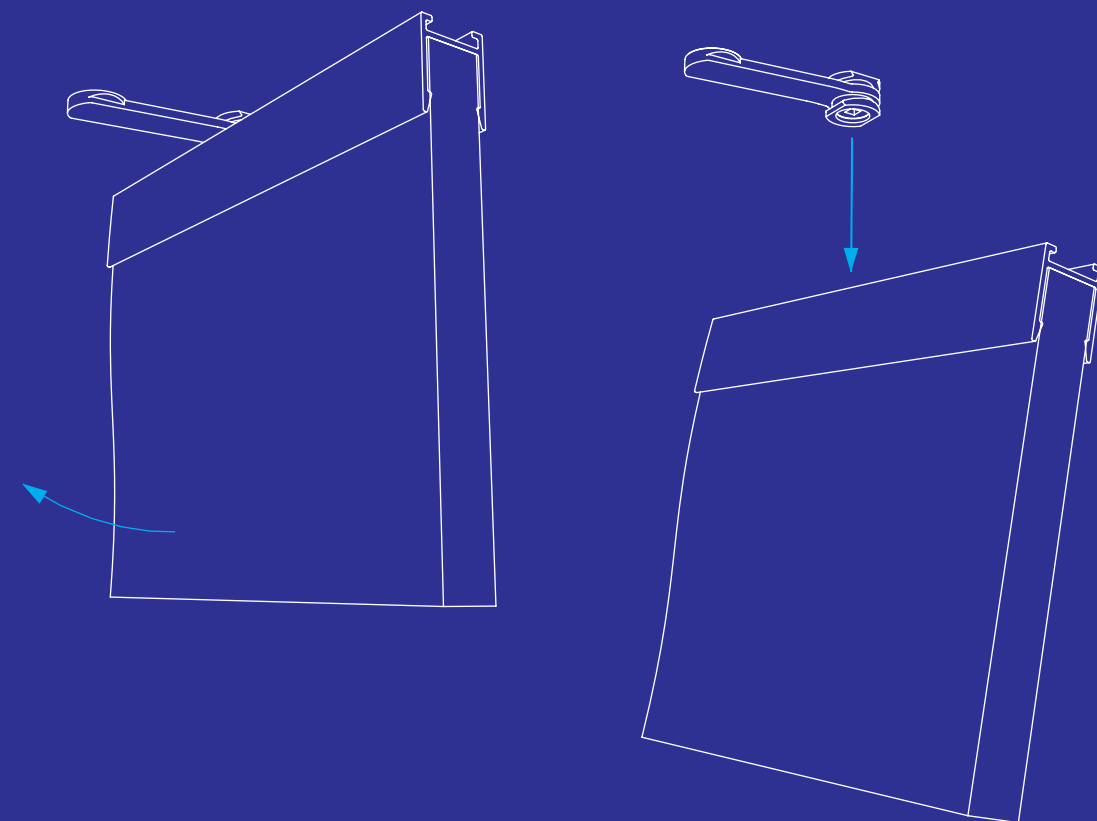
**7** Offer up Axis module to the pre fixed Frontier Connectors, using a panel lift or similar. Ensuring the Connector handles are pointing perpendicular to the Channel, snap the corner Connectors into the Channel, then turn 90 deg to lock off as shown in fig. ( ) above. The Panel lift can now be lowered and the remaining Connectors can be secured.



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ACOUSTIC FINS  
REMOVAL INSTRUCTIONS



- 1** Using a thin tool such as a screwdriver or knife, lift the toggle handles of the first fin out of the channel recess and push them out 90 degrees to release. With the two connectors of the first fin released, back the fin off from the adjoining fin (if any) and remove the joining tab (if any)



- 2** With one section of fin separated, pull the bottom edge forward gently to twist the fin off the connectors. Remove connectors from substrate, or if ceiling is to be re installed inspect connectors for any damage and replace if required. Repeat for remaining fin sections

Please remember that the felt panel and aluminium channel are both recyclable, so dispose of accordingly



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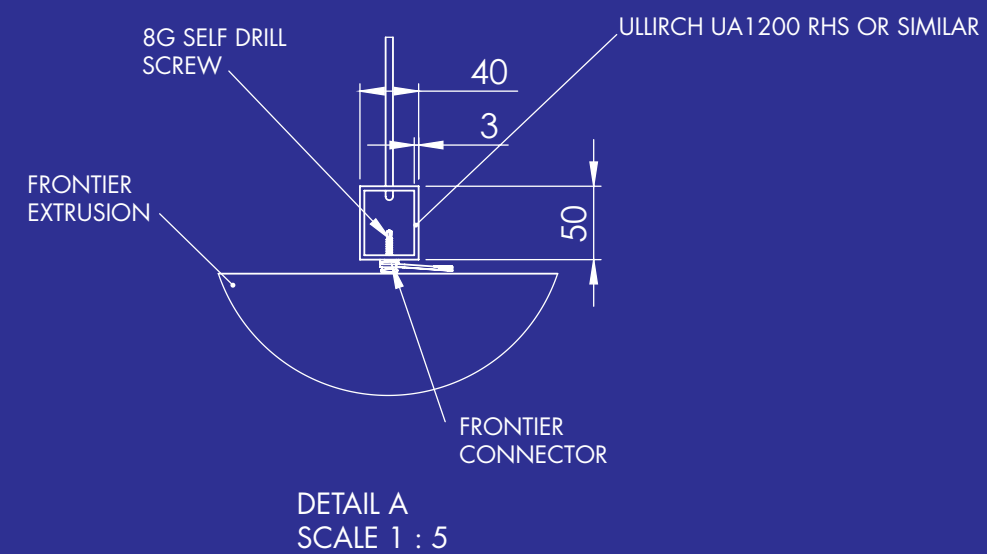
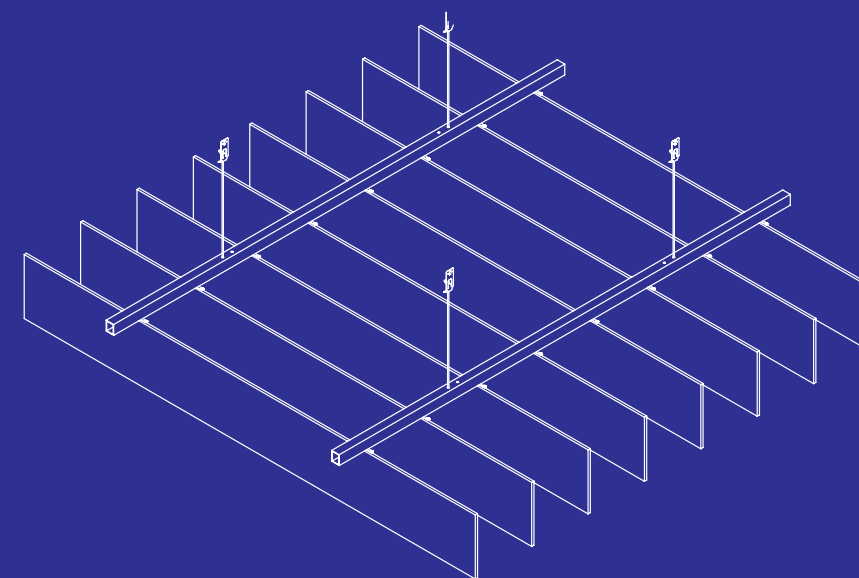
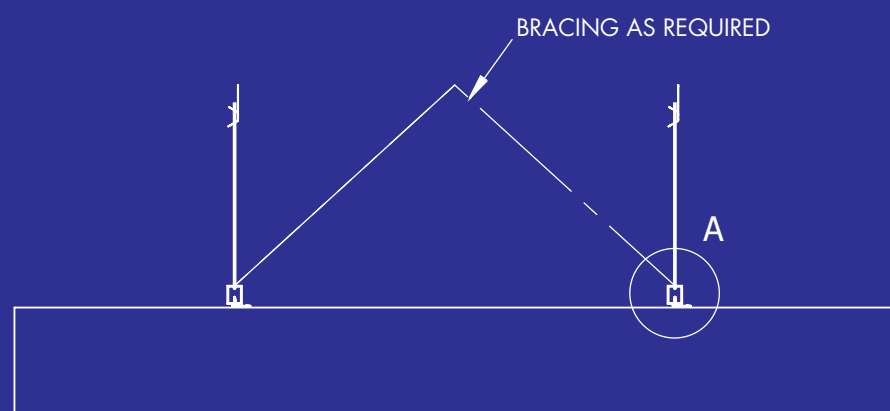
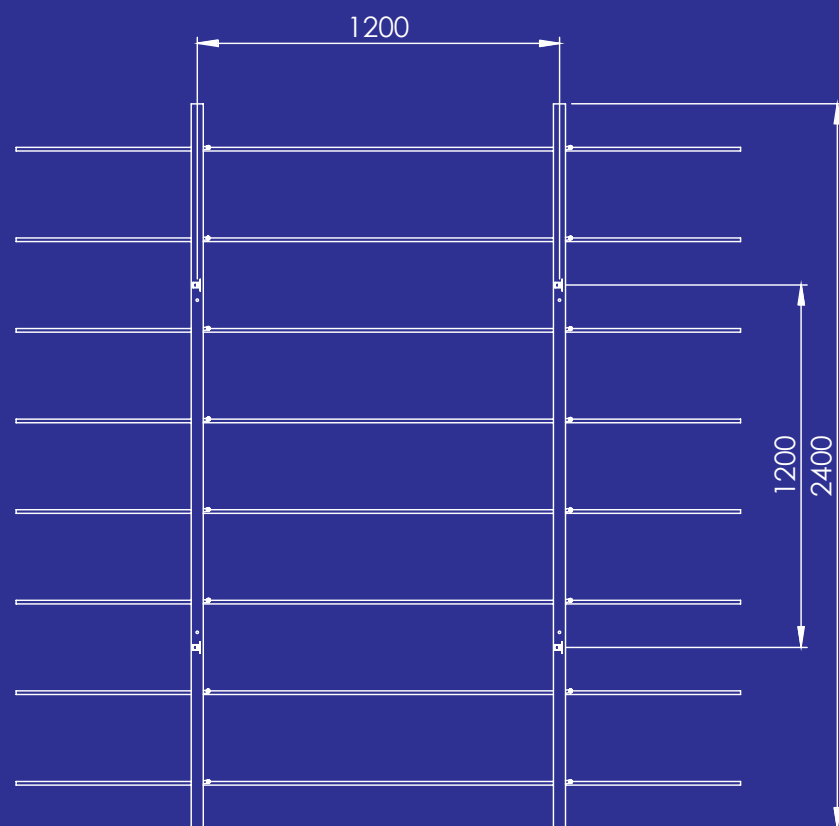
## ACOUSTIC FINS

SUSPENDED OPTIONS  
AND SUGGESTED DETAILS

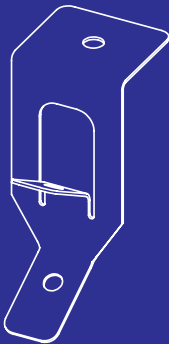


**FRONTIER**<sup>™</sup>  
ACOUSTIC FINS

## SUSPENDED OPTIONS AND SUGGESTED DETAILS







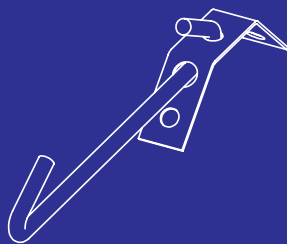
1 RONDO 547



2 RONDO 534



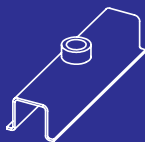
3 RONDO 2534  
STUDCO M534



4 RONDO 719



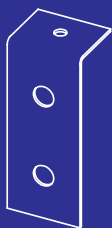
5 RONDO 121  
STUDCO M21



6 RONDO 119



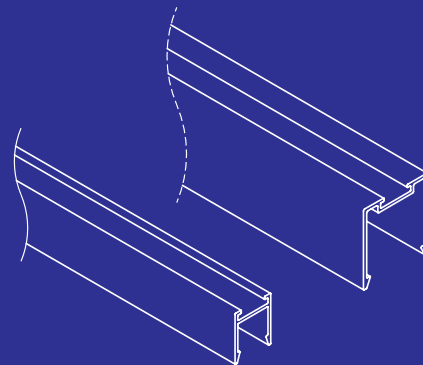
7 RONDO 274  
STUDCO M74



8 RONDO 274  
STUDCO M74



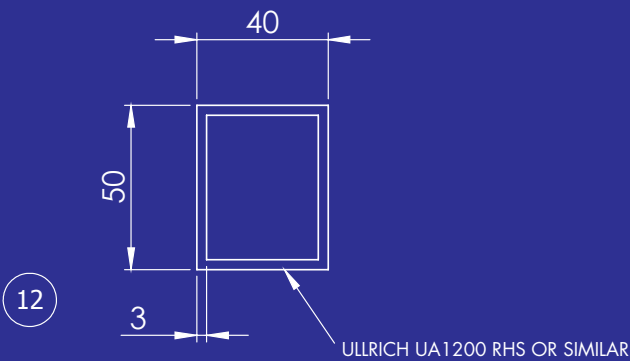
9 AUTEX FRONTIER CONNECTOR



10 AUTEX FRONTIER EXTRUSION



11 RONDO TCR125  
STUDCO M25

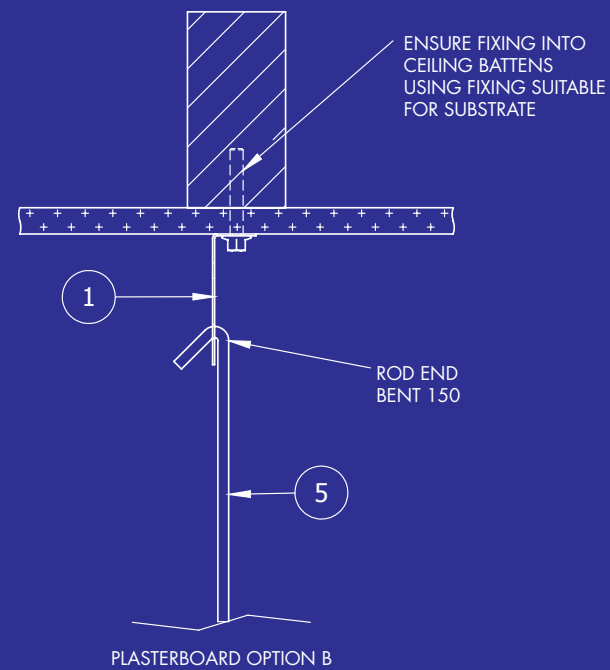
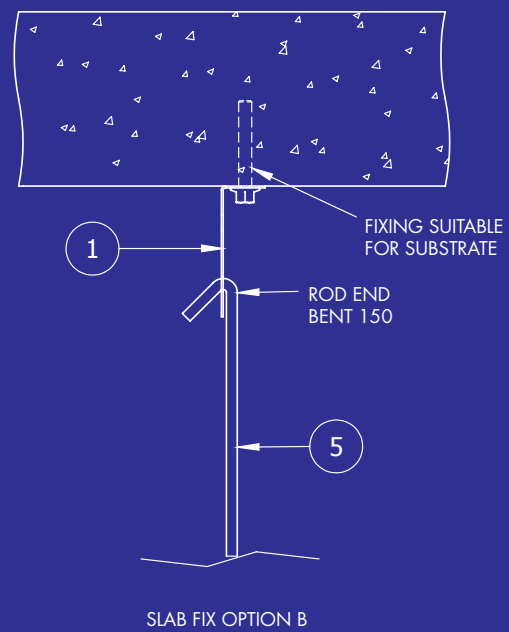
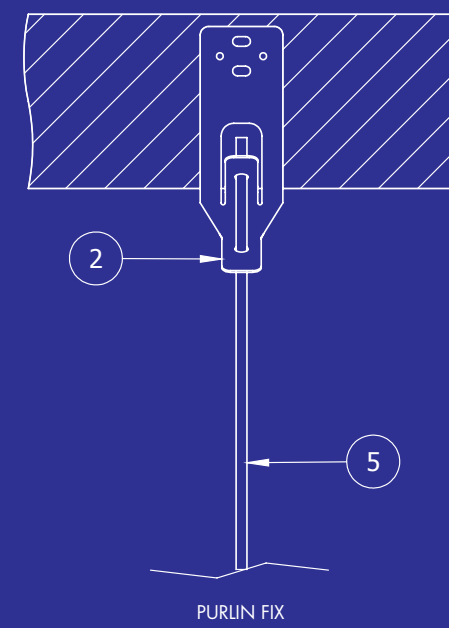
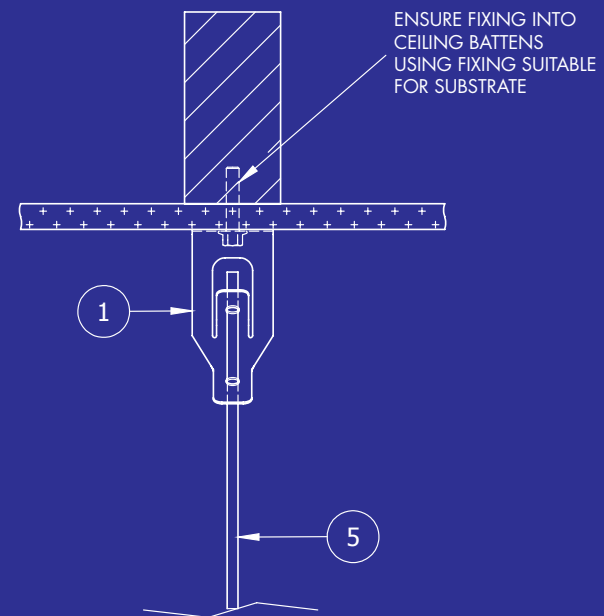
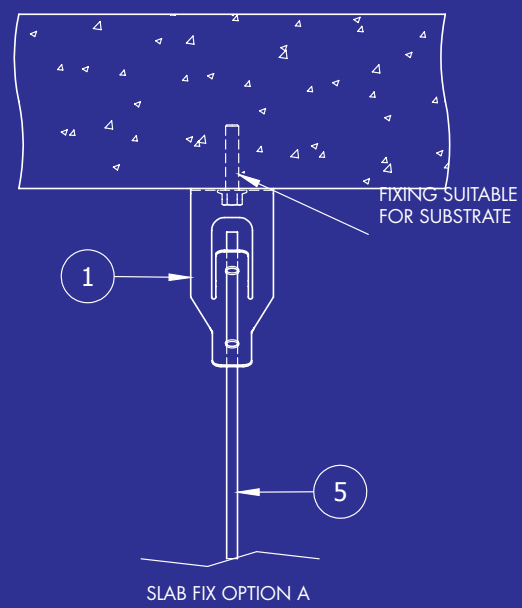


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**FRONTIER™**  
ACOUSTIC FINS

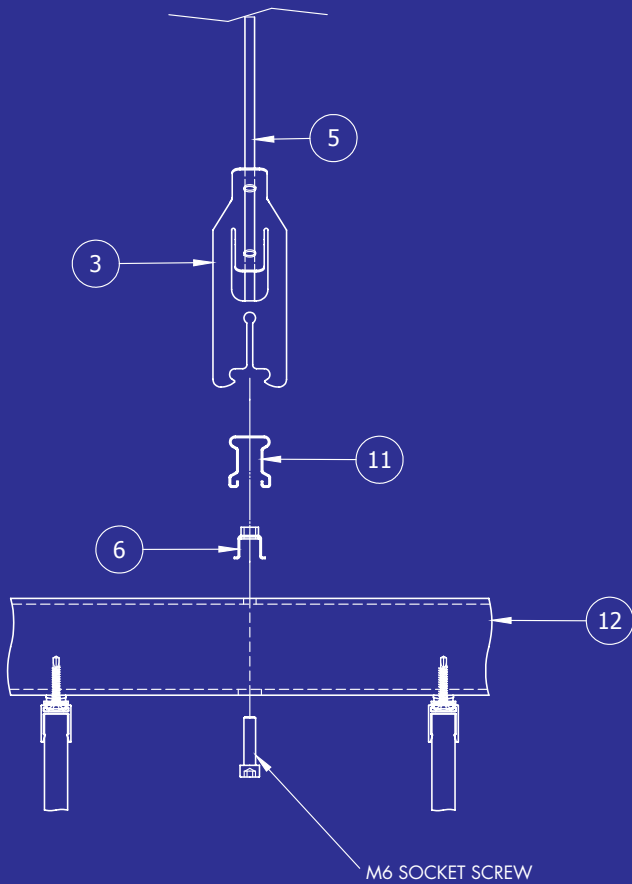
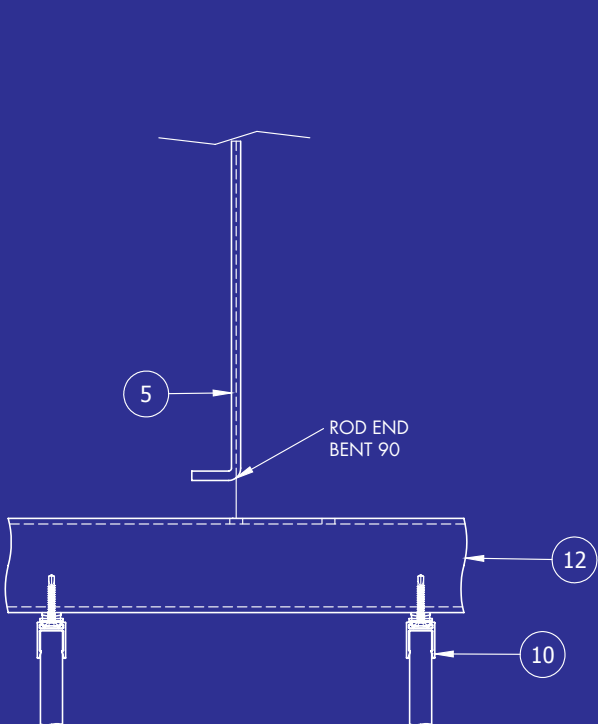
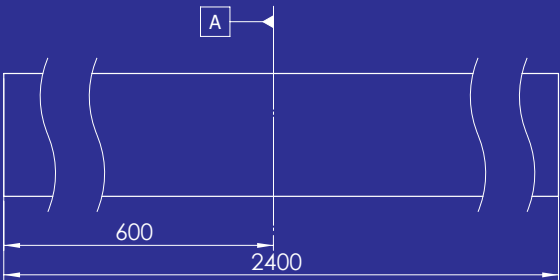
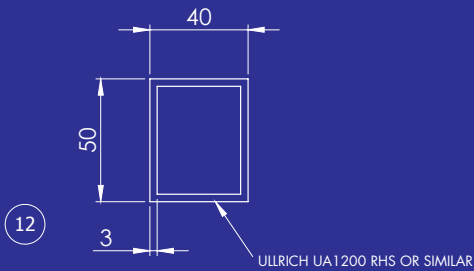
## SUSPENDED OPTIONS AND SUGGESTED DETAILS



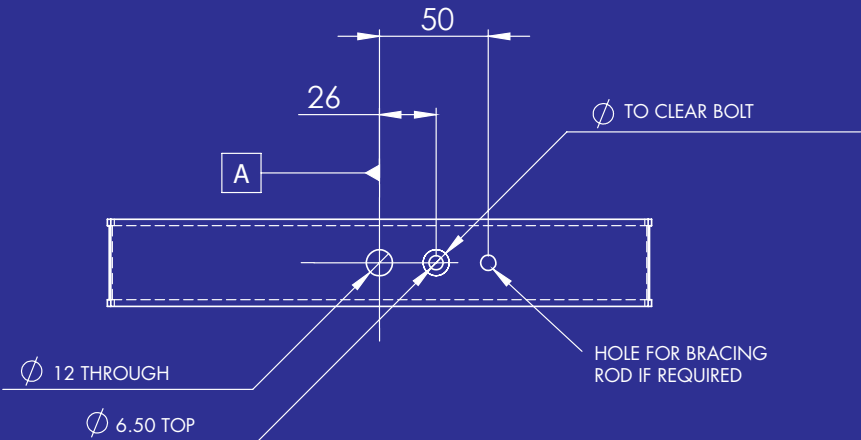
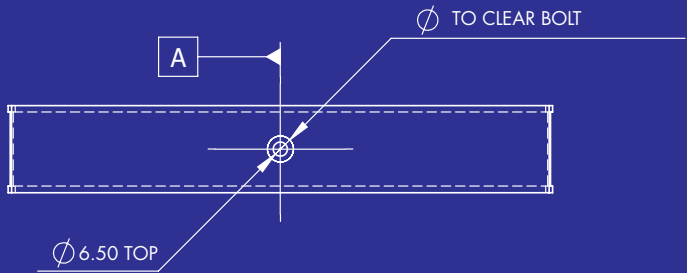
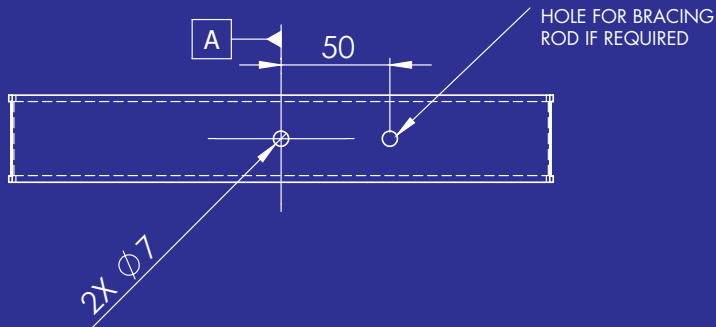
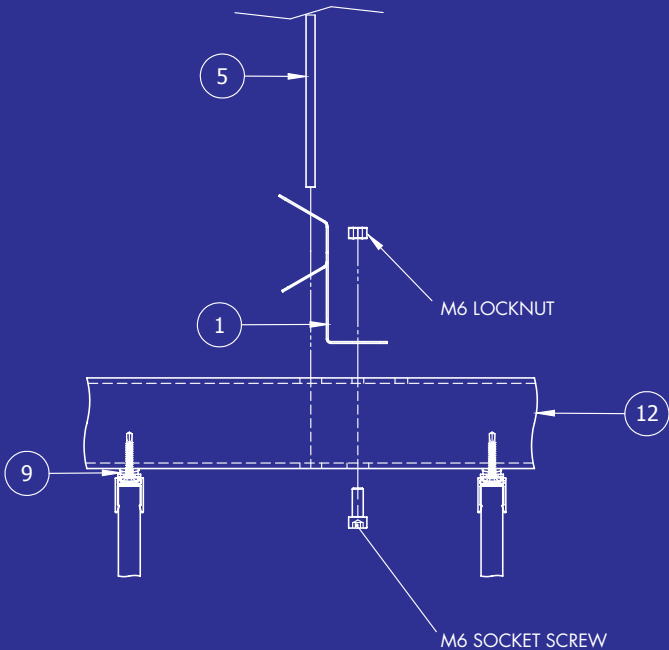


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ACOUSTIC FINS

SUSPENDED OPTIONS  
AND SUGGESTED DETAILS



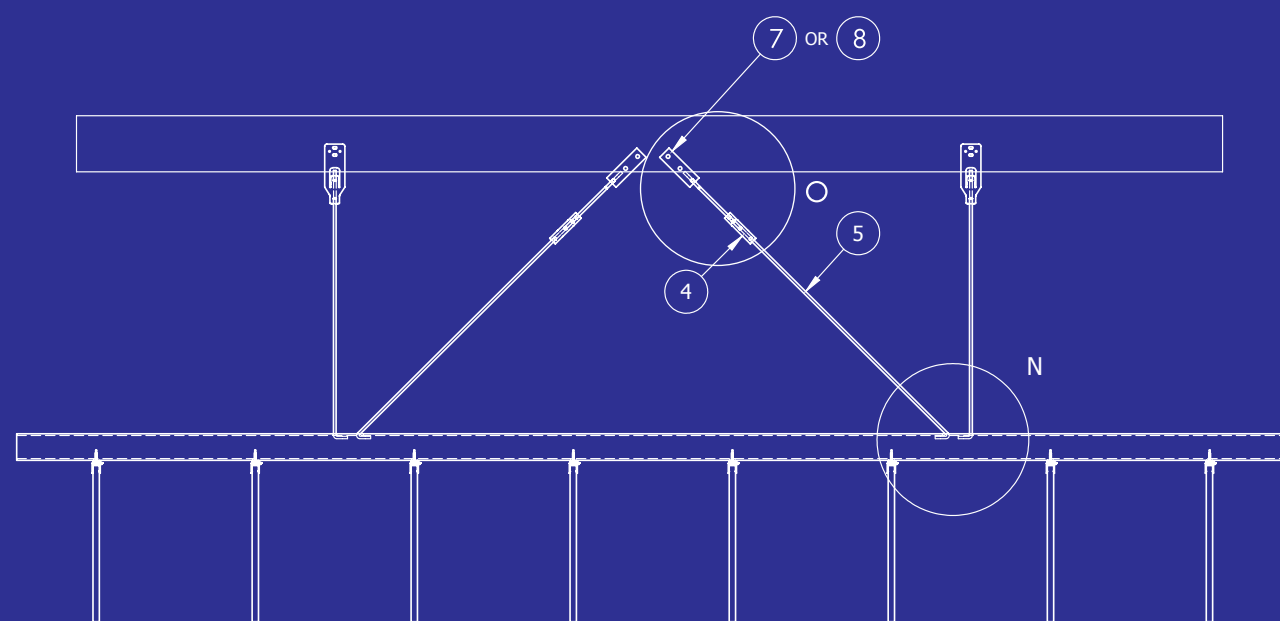
\* RECOMMENDED OPTIONS FOR:  
- LARGE SUSPENDED INSTALLATIONS  
- RAKED CEILINGS





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ACOUSTIC FINS

## SUSPENDED OPTIONS AND SUGGESTED DETAILS



BRACING DETAIL

\*BRACING TO BE INSTALLED AS REQUIRED TO  
SATISFY SEISMIC REQUIREMENTS OF JOB SITE

