Autex Acoustics®

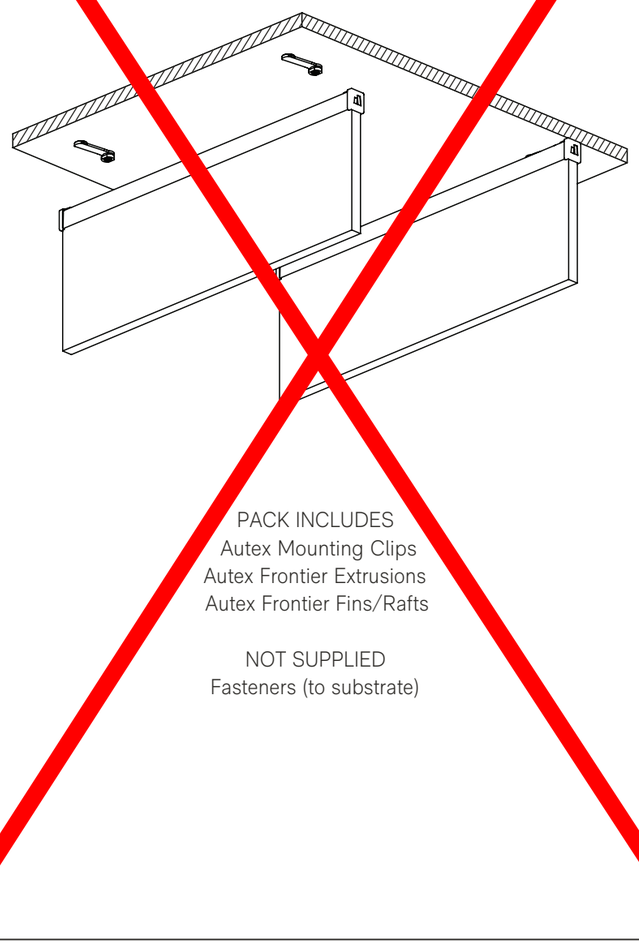
Frontier™ Install Instructions

Ceiling Fixing Method

THE FIRST CONSIDERATION TO MAKE WHEN SPECIFYING A FRONTIER SYSTEM IS THE INSTALLATION METHOD.

1. DIRECT FIXED TO CEILING

SEE PAGE 2

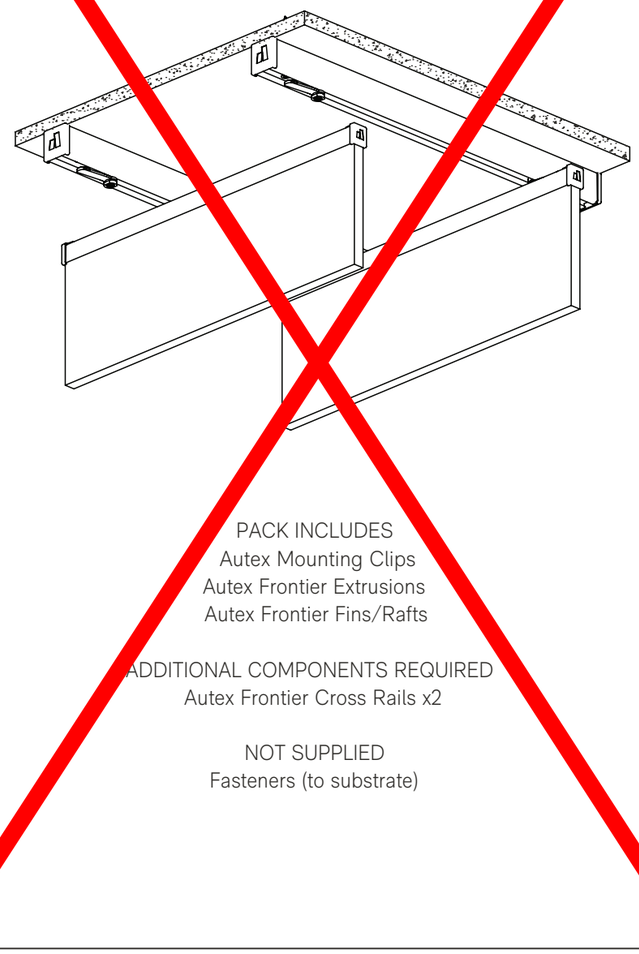


PACK INCLUDES
Autex Mounting Clips
Autex Frontier Extrusions
Autex Frontier Fins/Rafts

NOT SUPPLIED
Fasteners (to substrate)

2. DIRECT FIXED TO RAILS

SEE PAGE 3



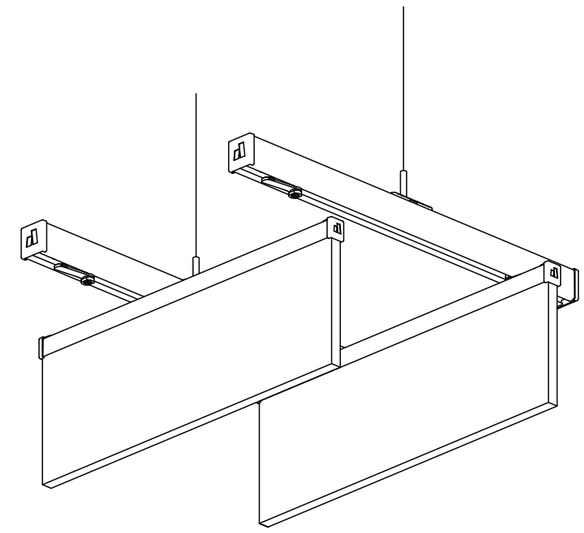
PACK INCLUDES
Autex Mounting Clips
Autex Frontier Extrusions
Autex Frontier Fins/Rafts

ADDITIONAL COMPONENTS REQUIRED
Autex Frontier Cross Rails x2

NOT SUPPLIED
Fasteners (to substrate)

3. SUSPENDED RAILS

SEE PAGE 4



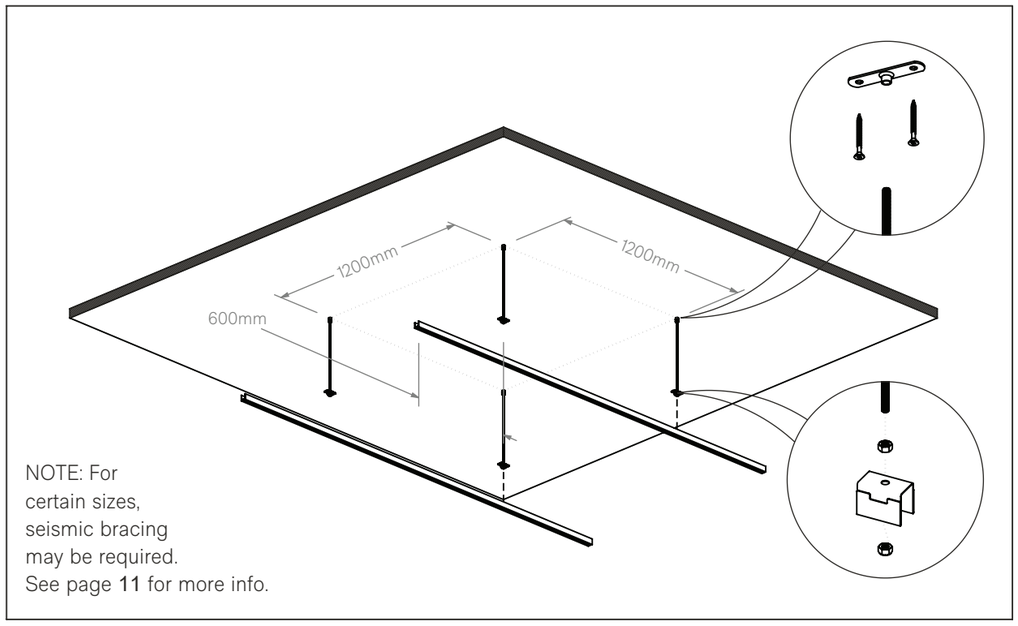
PACK INCLUDES
Autex Mounting Clips
Autex Frontier Extrusions
Autex Frontier Fins/Rafts

ADDITIONAL COMPONENTS REQUIRED
Autex Frontier Cross Rails x2
Autex W-Clips

NOT SUPPLIED
Fasteners (to substrate)
M6 Threaded Rod
M6 Back Plates to ceiling

For suspended installations it is strongly recommended to consult a building engineer for seismic considerations. See page 11 for suggested details.
For all installations in sprinklered buildings, consult a fire engineer to ensure the intended position of the Frontier Fins/Rafts meet sprinkler and alarm standards.
Further detail on the fire standards can be found in the supplemental document "Fire Considerations for Autex Frontier Acoustic Fins".

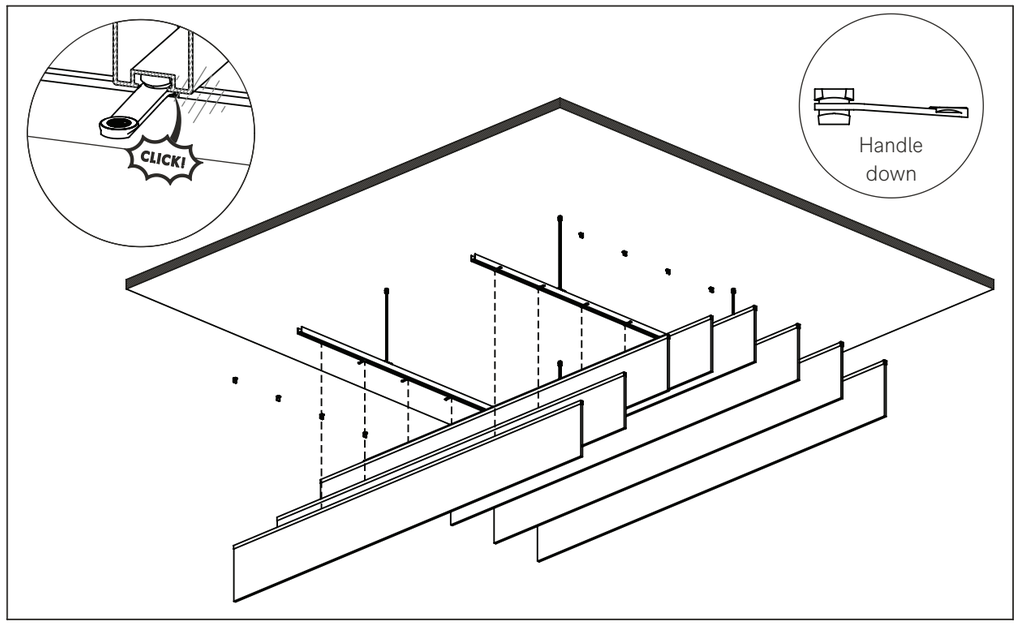
1.



NOTE: For certain sizes, seismic bracing may be required. See page **11** for more info.

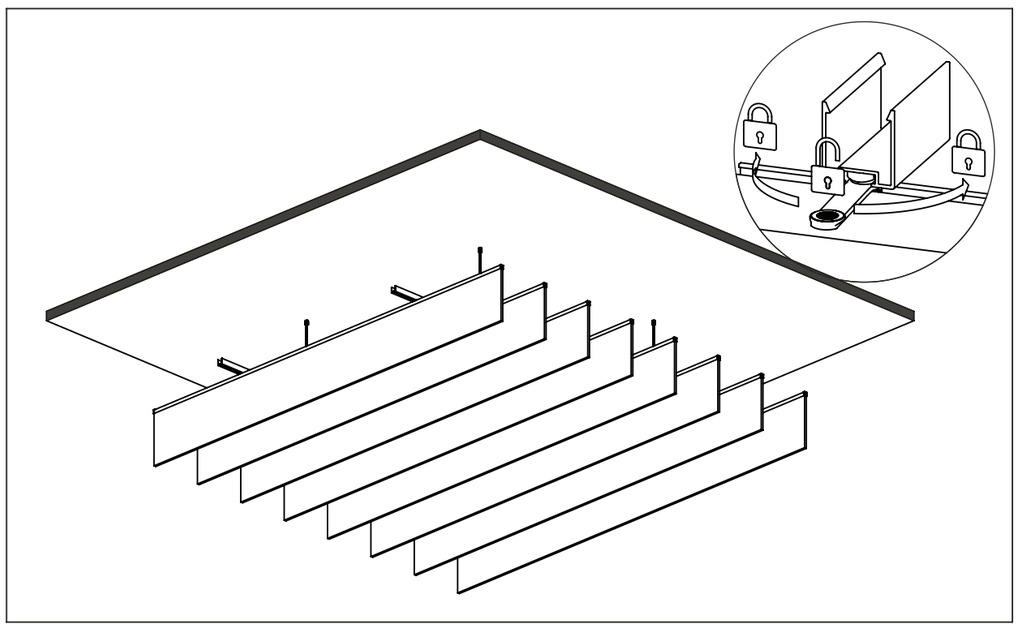
Mark out the ceiling and screw in 4x backing plates suitable for M6 threaded rod in a 1200mm x 1200mm square using screws suitable for the substrate (not supplied). Fin spacing can be marked on the cross rails prior to being clipped onto the Removable W-Clips. (Refer to table on page 29 for details).

2.



Insert the Autex Mounting Clips at the desired fin spacing on the cross rails with the handle tilted towards the floor. Lift the assembled Fins/Rafts into place and click them onto the Autex Mounting Clips. Turn the clips 45° to temporarily hold the Fin/Raft in place while allowing adjustment along the length.

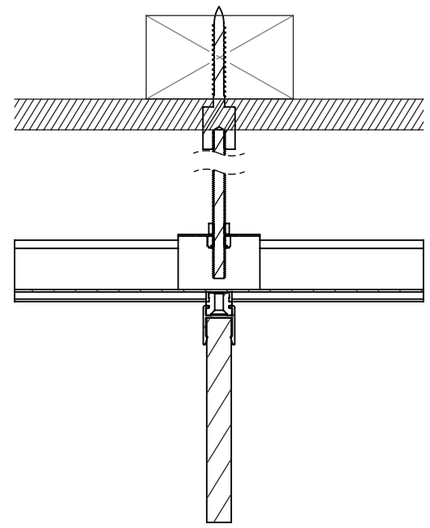
3.



When you are satisfied with the alignment of the Fins/Rafts turn the clips 90° so they clip into the channel and lock in place.

NOTE: In sprinklered buildings please check with local fire engineer for sprinkler layouts and hanging requirements.

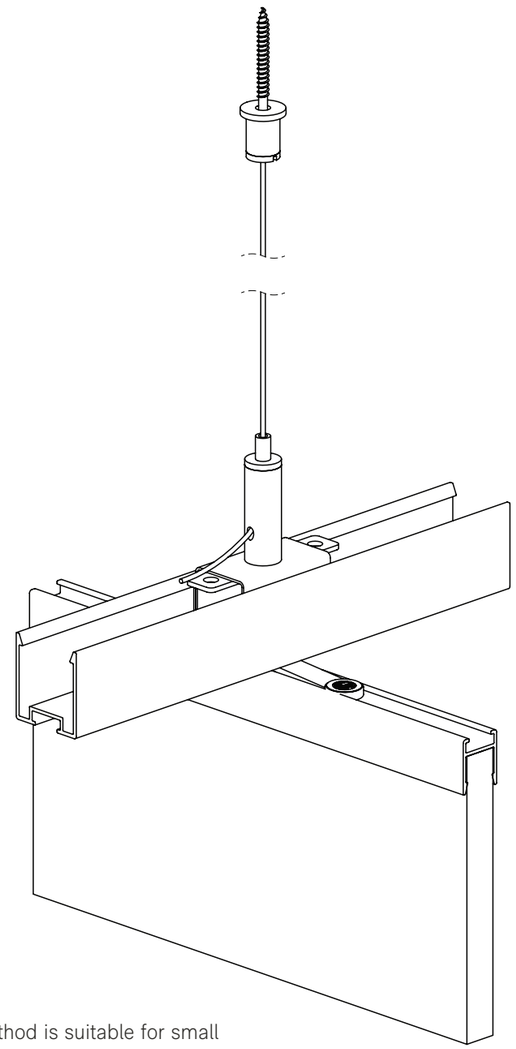
DETAIL



Ensure suitable fastener for the hanger and substrate is used.

PLEASE NOTE, the threaded rod and backing plate suspension method is the default option for large installations. As these parts are supplied by a third party, please see your account manager for preferred supplier in your territory. For smaller installations, adjustable cable hangers are available from Autex.

Suggested Ceiling Fixing Detail		
Substrate	Fixing	Minimum Embedment
Concrete	Hilti-HUS3-HR6	40mm
Steel	Stainless Steel 8G Tek Screw	0.55mm
Timber	Stainless Steel 8G Wood Screw	30mm



NOTE: This suspension method is suitable for small installations only.
For larger installations refer to pages 7-11.

