Renhurst

Metal Ceiling Guide

Equipment

Ensure you have adequate equipment on site to facilitate an easy installation

Scissor Lift

Mobile Scaffold

(Note that the scaffold is as long as the material to be installed)

Tools

Ensure you have the right tools for the job. These may include:

Drop saw with aluminium cutting blade

Angle Grinder with thin metal cutting disc

Cordless circular saw with aluminium cutting blade

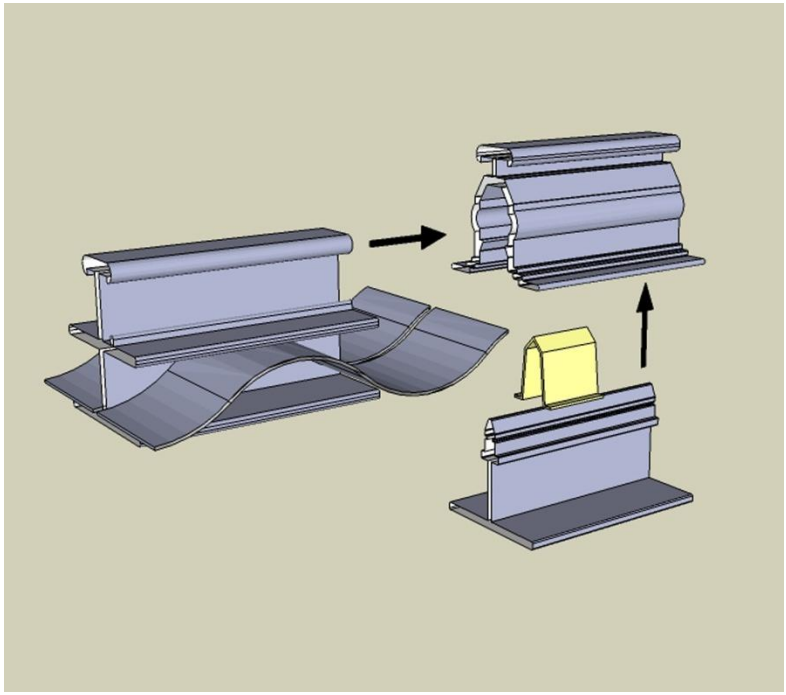
Cordless drill

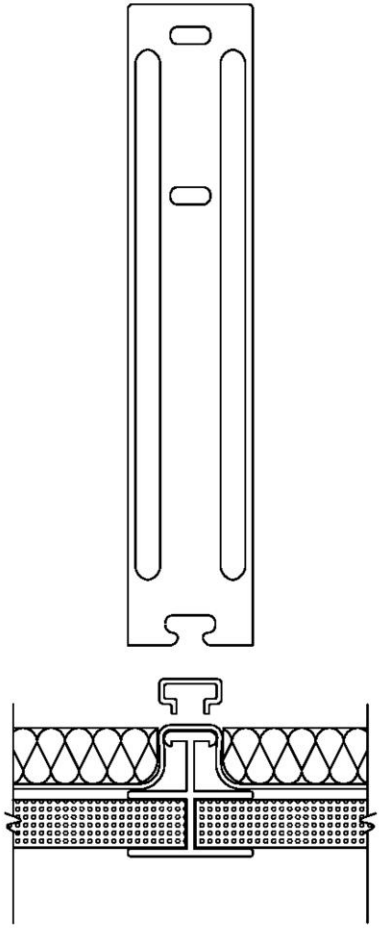
Laser level

Hole saws

Components

- Ripplesound / Rippletone sheet (RSW351/RTW351)
- Aluminium Fastrack support bar (SB2O)
- Two piece starter bar section (SSBO)
- Aluminium joiner (JN)
- Aluminium Angle 20 x 20 (AA22C)
- Support clip (SCT127)
- Polythene clip (PCPVC)
- Polythene sheet (PF)



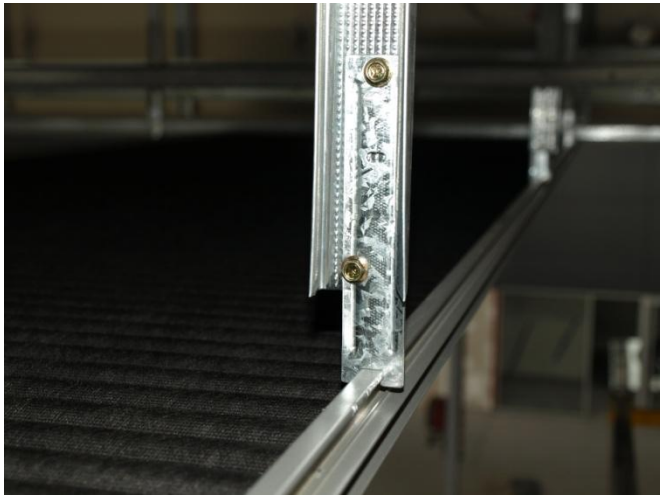


Support clip (SCT127)

Support clip is attached to fastrack support bar

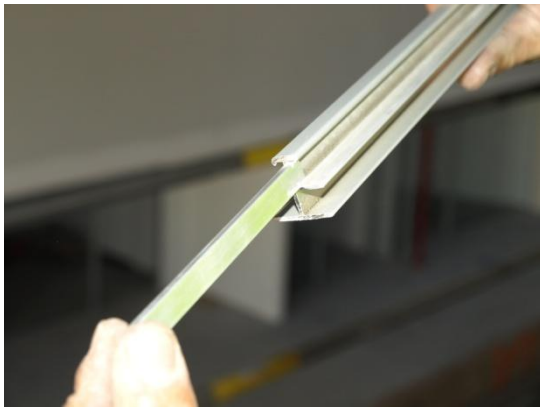
Attach support clip to purlins or suspension using self drilling screws

Be sure to close the bottom leg of support clip

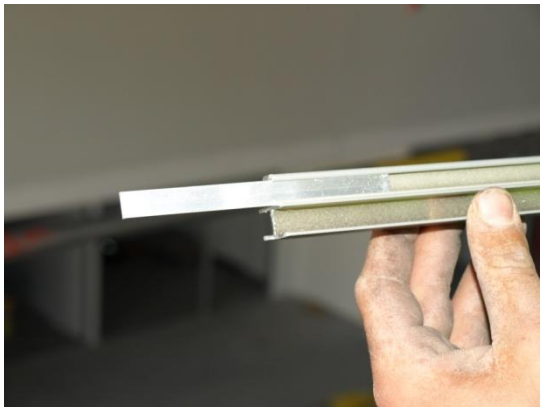


Finished

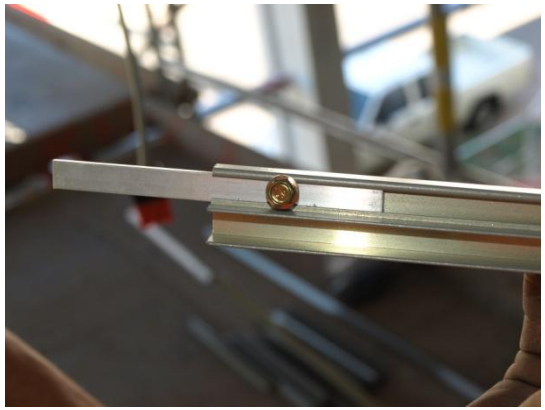
Joiner (JN)



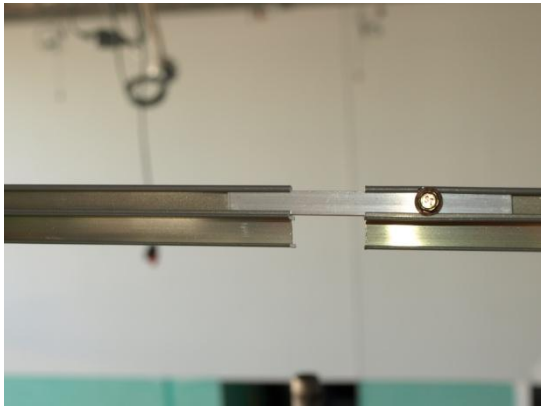
Slide joiner into fastrack support bar



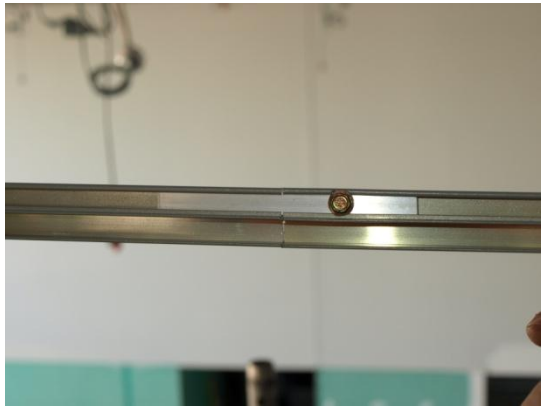
Stop approximately half way



Fix joiner into place using a screw or pop rivet

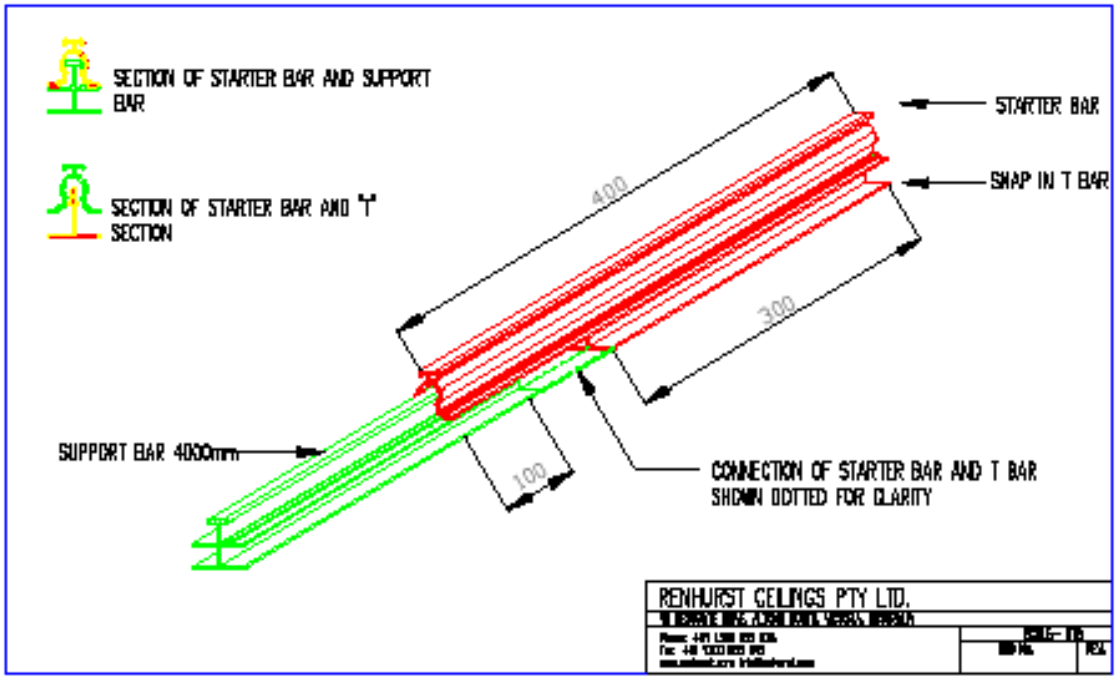


Slide remaining half of joiner into your next fastrack support bar



Ready for installation

Starter Bar (SSBO)



Align top of support bar and starter bar top section

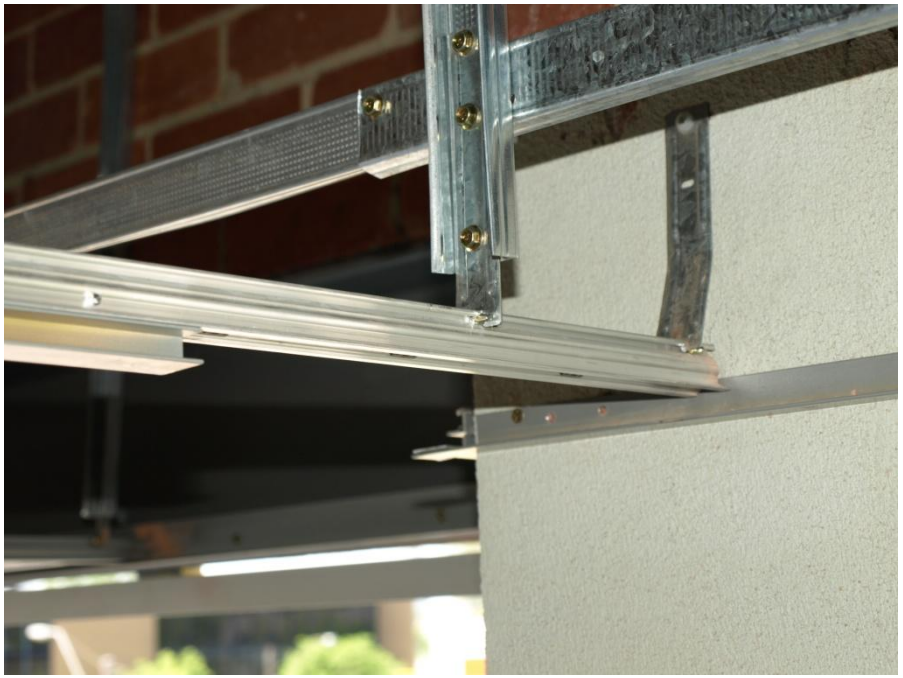
Slide starter bar top section over support bar

Completed ready for installation

Fix top section to support bar using a self drilling screw

Use starter bar bottom section to ensure position is correct

Starter Bar (SSBO)



You are not limited to using starter bars at the beginning of each run. They can be used in the middle of a run of support bar.

Support Bar (SB2O)

Prepare to fix Support bar to angle by ensuring the correct gap has been allowed

This can be achieved by using a spacer cut to the appropriate width

Once in position drill through angle and support bar.

Then fix in position using a pop-rivet

Preparing Aluminium Sheet

Mark sheet to be cut using a whiteboard marker.

On most projects you will need to cut the aluminium sheet. This may be to reduce its width or for working around a wall.

Sheet should be cut using the appropriate tool. We recommend a small circular saw with aluminium cut off blade or angle grinder with thin cutting disc.

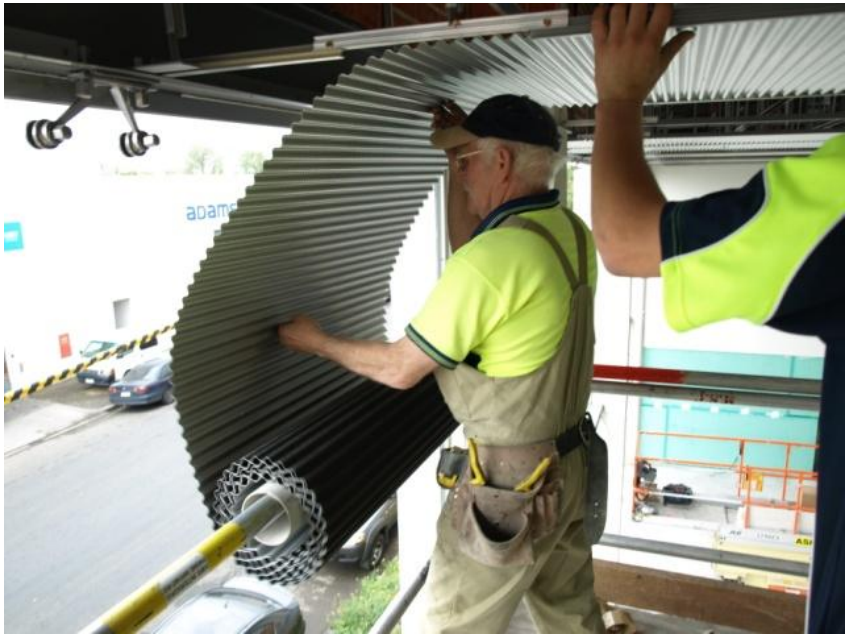
Note: We do not recommend the use of tin snips when cutting sheet to width.

Preparing Fastrack

Once your sheet is ready, prepare the Fastrack by lubricating with WD-40 or Silicone Spray

Installing the sheet

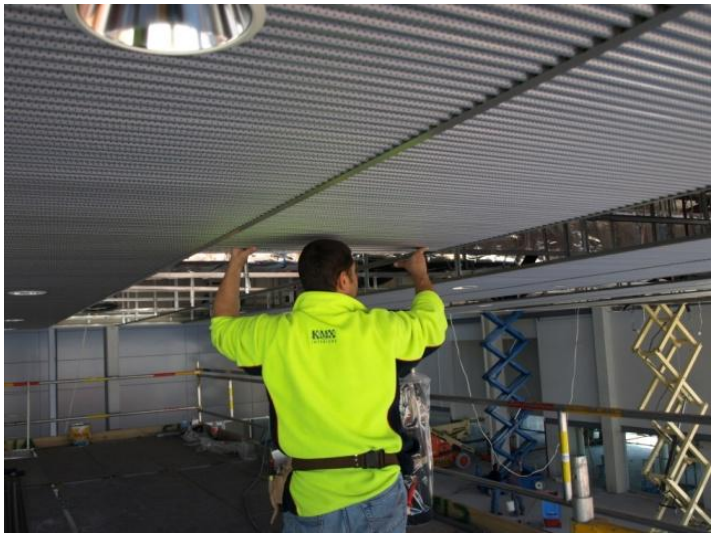
Large rolls can be supported by scaffolding. Note the PVC tube used internally to protect the sheet.



Alternatively sheet can be supported by hand.

In both instances caution and patience should be exercised. A small amount of upward pressure may be required at the entry point of support bar so the sheet does not get caught.

Installing the sheet



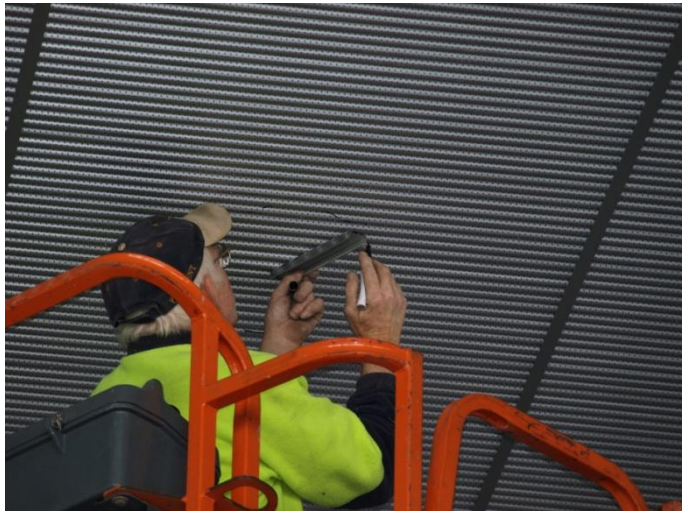
One person should pull the sheet into position whilst the other feeds the sheet from the beginning. Sheet should install easily and freely. If it does not check the alignment and spacing of support bars.

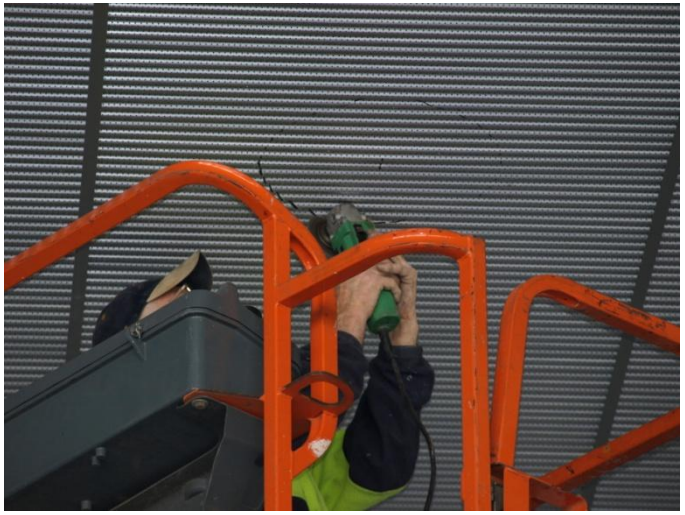
It is vital you have the correct scaffolding in position to allow the installer to walk the length of the sheet.

Providing Penetrations

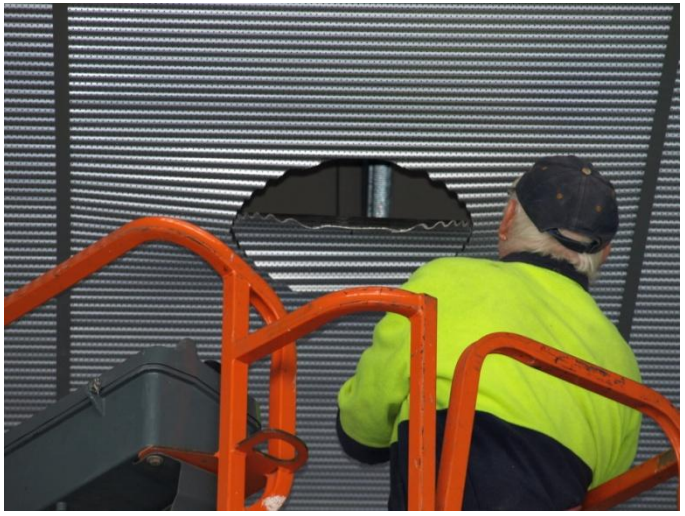
A drill with hole saw attachment is a good way of providing penetrations for lighting cables, sprinklers etc.

Providing Penetrations





Larger penetrations can be cut out using an angle grinder and thin cutting disc.



Completed Project


EXIT
EXIT
EXIT