



## 7.3 SRP™ WHISPERWALL™

- » To achieve the required STC rating wall, use full height sheets only as specified in SRP™ STC and FRR specification [TABLE 8].
  - » Vertical sheet joints are touch fitted and must occur over framing. Stagger vertical sheet joints on opposite sides of the frame by 600mm [see FIGURE 32].
  - » Where horizontal sheet end joints are unavoidable they must be over SRP™ Nogs and offset outer layer joints from those in the inner layer.
  - » The inner layer of 13mm GIB Noiseline® must be fitted hard to the floor [see FIGURE 30 and FIGURE 31].
  - » For fastening use 25mm x 6g GIB® Grabber® Drywall Self Tapping Screws at 300mm centres vertically, 75mm from sheet top and bottom ends ensuring all screws are clear of the top and bottom SRP™ Track and 12mm from sheet vertical edges as per FIGURE 30 and FIGURE 31. Also ensure that all screws are clear of the SRP™ Whisperwall™ internal “flutes”, as it could compromise the tested STC rating of the wall.
- NOTE: Maximum distance for the screw measured from the outside edge of the SRP™ Whisperwall™ Stud profile is 25mm. Please check the length of the screw used, to ensure it is well clear of the SRP™ Whisperwall™ internal flutes [see Figure 1].**
- » Apply a bead of acoustic sealant GIB® Soundseal\* around the entire perimeter of the inner lining, ensuring it is clear of the steel frame and SRP™ Tracks. Before the set off time of the acoustic sealant, install the outer lining if applicable, by bedding it into the bead.

\*SRP™ Whisperwall™ was tested using GIB® Soundseal; other acoustic sealants, with properties equal or better may also be used once verified by an acoustic engineer.

- » The outer layer of 10mm GIB Noiseline®, if applicable, is fitted hard to the floor and bedded onto GIB® Soundseal acoustic sealant applied around the inner layer before the set off time of the acoustic sealant. Offset the sheet joints between layers by 600mm [see FIGURE 32]. Fasten the second layer of 10mm GIB Noiseline® using 41mm x 6g GIB® Grabber® Drywall Self Tapping Screws through the first layer of plasterboard right through the SRP™ Whisperwall™ Stud. Screws at 300mm centres vertically, minimum 75mm from sheet top and bottom ends and 12mm from sheet vertical edges along each SRP™ Stud ensuring minimal offset with first layer screws [see FIGURE 30 and FIGURE 31]. Ensure the second layer of screws is clear of SRP™ Whisperwall™ Stud internal “flutes” as well.
- » Apply insulation R1.8 [75mm]\* between the SRP™ Studs. Split the width of the insulation to suit SRP™ Stud centres as and if required. For other acoustic partition’s acoustic insulation details refer to GIB® Noise Control Systems March 2006.
- » For double layer acoustic performance SRP™ Whisperwall™, leave the inner layer unstopped and for the outer layers all fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with GIB® Site Guide.
- » All care should be exercised in securing the wallboard around service cable routes.

\*SRP™ Whisperwall™ was tested using Pink® Batts® Silencer glasswool acoustic insulation R1.8 [75mm], other acoustic insulation, with properties equal or better may also be used once verified by an acoustic engineer.

FIGURE 32 Offset Vertical Sheet Joints

