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Installation of Studworks Non-Load Bearing Wall Systems:

Systems Selection

Studworks non-load bearing wall systems come in widths of 51mm, 64mm, 76mm and 92mm excluding linings. You will need to refer to our "Wall Heights" table to select the wall system appropriate to your wall height and required linings. The determined wall system will provide you with the size and gauge of your studs, bottom track, head track, deflection head track and noggins. Please note that the determined wall system can always be sized up, but must never be sized down. After you have determined the wall system, you will need to refer to our "Noggins" table to determine if noggin track/s are required.

Set Out and Installation of Bottom and Head Tracks

Set out your wall layout on the floor, then fix your bottom track to the floor at no less than 600mm centres, and in 100mm from the ends. Plumb up from the bottom track, then fix the head track to the ceiling at no less than 600mm centres, and in 100mm from the ends.

Wall Studs

The studs should be cut to the correct length to ensure a firm vertical fit, then inserted into the bottom and head tracks at the required vertical centres, ensuring that the studs are all facing in the same direction and that the service holes line up horizontally. The studs are installed by a twist action, and will remain in a firm hold. The studs are fixed either side of the to the bottom and head tracks. When a deflection head track is used, the studs should be cut short to ensure that the anticipated deflection can be accommodated without a vertical load being applied, and the studs must remain free and not fixed to the deflection head track.

Noggins

The continuous noggin track can be installed by sitting the noggin track over the top of the floor track, then fit the studs through the noggin track into the floor track. Slide the noggin track up to the required horizontal height then screw fix either side of the noggin track.

Expansion Joints

Install vertical expansion joints in accordance with the plasterboard manufactures requirements.

Plasterboard Lining

While plasterboard manufacturers should be consulted about linings, it is critical that lining boards be installed to the open side of the stud first to ensure misalignment of joints does not occur in vertical fixing applications.

Fixings

Please refer to the table below for the suggested fixings to suit your project requirements. The screw fixing information provided is to be used as a guide, and was sourced from our preferred supplier “Iccons Pty Ltd” (Iccons) products guide. For your specific project requirements, you should refer to Iccons or your preferred manufacturer products guide prior to commencement of work. All fixings should comply with AS/NZ 3566.2 2002 Corrosion Resistance.

FIXING	RECOMMENDED FIXINGS	SIZE
to Steel Bottom and Head Tracks to Steel Members. Deflection Track Head Tracks to Steel Members. Wall Studs to Steel Columns.	Hexagonal Head (self-drilling) for steel up to 3.5mm thick. for steel up to 4.5mm thick. for steel up to 5.0mm thick. for steel up to 12.0mm thick	10-24 x 25mm 12-24 x 30mm 14-20 x 25mm 12-24 x 32mm
to Steel Bottom and Head Tracks to Wall Studs. Noggings to Wall Studs.	Button Needle Point (self-drilling) for steel up to 3.0mm thick.	10-16 x 16mm
to Concrete or Masonry Bottom and Head Tracks to Concrete. Deflection Track Head Tracks to Concrete. Wall Studs to Concrete or Masonry.	Power Actuated Anchors	Refer to Manufacturer's details.
	Hexagonal Head Sleeve Anchors	Refer to Manufacturer's details.
of Plasterboard Plasterboard to Wall Studs. Plasterboard to Noggings.	Bugle Head Needle Point (self-drilling) for steel up to 0.6mm thick.	6-18 x 20mm 6-18 x 25mm 6-18 x 32mm 6-18 x 35mm 6-18 x 41mm 6-18 x 45mm
of Cement Sheet Cement Sheet to Wall Studs	CSK Head (self-drilling) for steel up to 3.5mm thick.	10-24 x 30mm