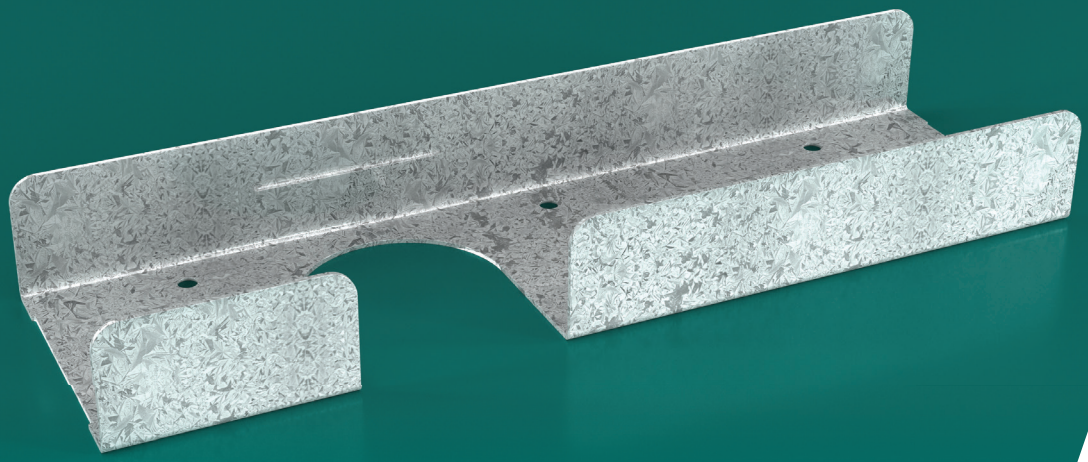
Multinail
Top Plate Stiffener



Top Plate Stiffeners are strong and economical connectors to reinforce the top plate where penetration for a service or ventilation pipes is required.

Benefits of Top Plate Stiffener

Strong versatile galvanised steel timber connectors.

- Quick installation to the top plate by using Black Screw
- Made in Australia

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Installation to the underside of the Top Plate - Method A

Fixing to the underside of the top plate where the centre of the hole is at least 100mm from the nearest stud.

Step 1

- Measure and mark the intended area for reinforcement on the top plate.
- Make sure that the centre of the hole is no closer than 100mm from the face of the stud.
- To reinforce a hole located within 100mm of the stud, install a Top Plate Stiffener on the top face (see Method B).
- The diameter of the hole should not exceed 60mm, and it must be centrally located within the 90mm width of the plate.
- The Top Plate Stiffener can be installed either before or after drilling the hole.

Note: Ensure there are no timber defects such as knots, wane, want, or resin pockets within 100mm of the Top Plate Stiffener or hole location.

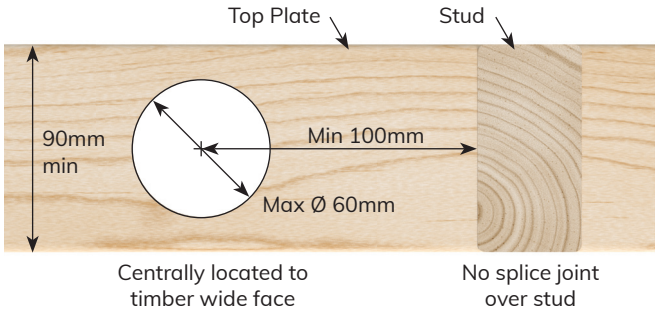

Figure 1: Under view of the top plate with a hole size

Step 2

Drill a hole of the required diameter through the timber at the marked location.

Figure 2: Hole drilled

Step 3

Place the Top Plate Stiffener centrally over the hole. The vertical flange should be flush with the edge of the frame. Fix into place using 12 x 14Gx30mm Black Screws.

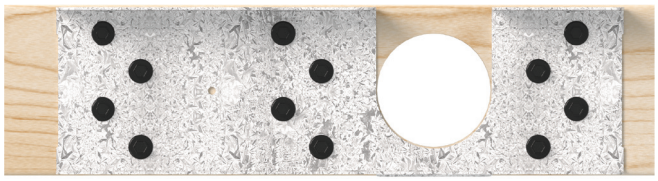

Figure 3: Top Plate Stiffener Installed with Black Screws

Figure 4: Service connected

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Installation to the top side of the Top Plate - Method B

Fixing to the top side of the top plate where the centre of the hole is at least 75mm from the stud.

Step 1

- Measure and mark the intended area for reinforcement on the top plate.
- Make sure that the centre of the hole is no closer than 75mm from the face of the stud.
- The diameter of the hole should not exceed 60mm, and it must be centrally located within the 90mm width of the plate.
- The Top Plate Stiffener can be installed either before or after drilling the hole.

Note: Ensure there are no timber defects such as knots, wane, want, or resin pockets within 100mm of the Top Plate Stiffener or hole location.

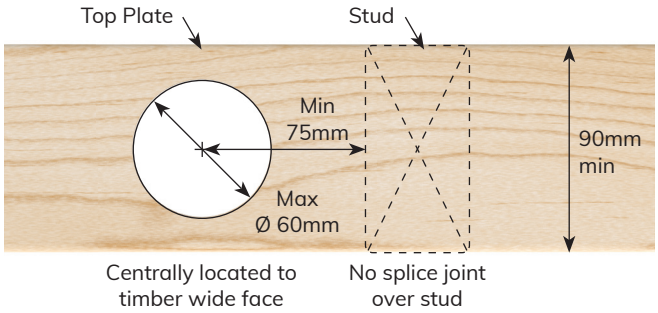

Figure 5: Under view of top plate with hole size

Step 2

Drill a hole of the required diameter through the timber at the marked location.

Figure 6: Hole drilled

Step 3

Place the Top Plate Stiffener centrally over the hole. The vertical flange should be flush with the edge of the frame. Fix into place using 12 x 14Gx30mm Black Screws.

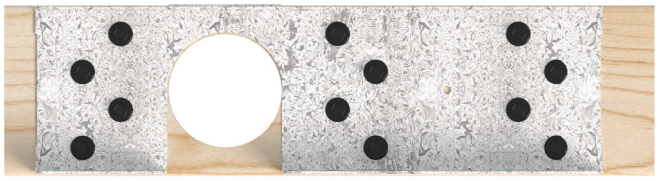

Figure 7: Top Plate Stiffener Installed with Black Screws

Figure 8: Service connected

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Retrofitted

The Multinail Top Plate Stiffener can be retrofitted after services are connected.

Place the Top Plate Stiffener centrally over the hole. The vertical flange should be flush with the edge of the member. Fix into place using 12 x 14Gx30mm Black Screws.

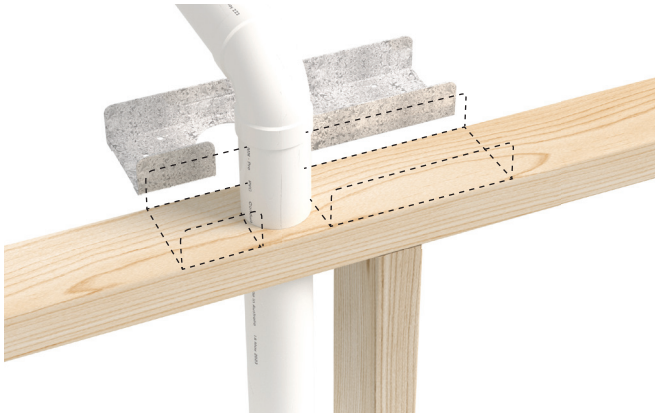
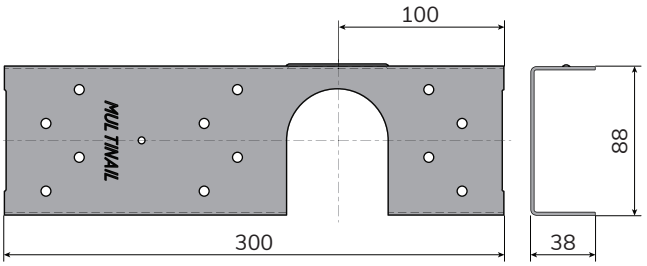


Figure 9: Top Plate Stiffener retrofitted

Technical Specifications

Steel	G300 Steel, Z275, 1.5mm Thickness



Description and Packing

Product Code	Description	Carton Qty	Pallet Qty	Carton kg.
TPS300		10		5.4

The product comes with 12 x 14Gx30mm Black Screws.

Fixings
14Gx30mm Black Screw

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