

STUD STRAP

The Delfast Stud Strap is a galvanised steel connector designed to provide tension restraint between timber framing members. Typical applications include stud-to-plate, jack stud, and trimming stud connections where additional restraint is required.

Stud straps provide connection and restraint only and do not function as bracing elements.

Item Code	Pack Size	Barcode
FT-SS195G	50	9421030296866



Scope of Application

- Stud-to-plate connections
- Jack stud and trimming stud restraint
- Timber framing connections requiring additional tension restraint
- Residential timber framing within the scope of NZS 3604

Timber framing is assumed to be SG8 unless otherwise specified.

Installation Method

A. Site Installation (Hammer Method)

1. Ensure timber framing members are correctly positioned, aligned, and in full contact prior to installation.
2. Position the stud strap centrally over the joint so it spans the connected members evenly.
3. Using a hammer, drive the strap into the timber until all teeth are fully embedded and the strap sits flush against the timber surface.
4. Where required, bend the strap carefully to suit the framing configuration prior to full embedment.
5. Confirm the strap is fully seated with no exposed teeth and no gaps between the strap and timber.

B. Mechanical Press Installation

1. Position the stud strap over the joint in the required location.
2. Use a suitable mechanical press to embed the strap evenly into the timber members.

3. Ensure full tooth embedment and flush seating along the full length of the strap.

Mechanical pressing provides more uniform embedment and is recommended where available.

Installation Limitations

- Stud straps must be fully embedded to achieve effective load transfer.
- Stud straps shall not be partially embedded, skewed, or installed at an angle.
- Stud straps shall not be cut or modified on site.
- Stud straps provide tension restraint only and do not provide bracing capacity.
- Applications outside the scope of NZS 3604 require specific engineering design.

Standards & Compliance

When installed in accordance with this guide and NZS 3604:2011, the Delfast Nail Plate meets the performance requirements of **NZBC Clause B1 Structure and Clause B2 Durability**.

For Explanation/diagrams/illustrations detailing all phases of installation Refer to Delfast installation guide or technical drawings.

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INSTALLATION GUIDE



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