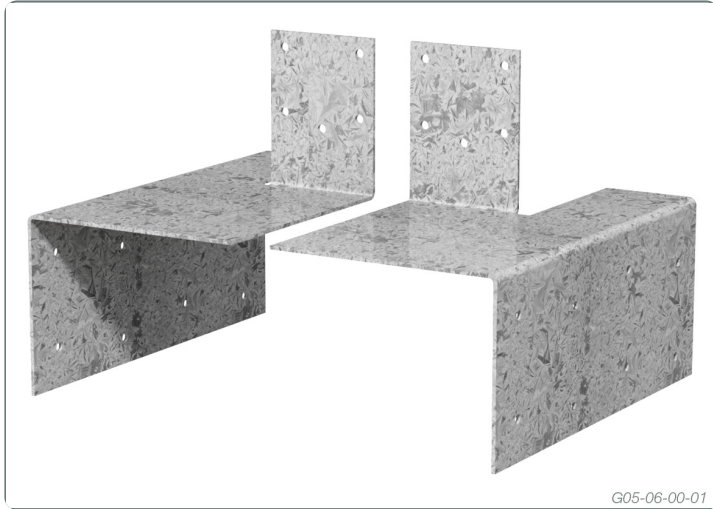


Anti Crush Plate



Available in left and right profiles, Anti Crush Plates provide improved bearing capacity for timber top plates

The Anti Crush Plates are manufactured from 1.5mm galvanised steel and are:
Quick and easy to install.
Available in two profiles - left hand (LH) and right hand (RH).
A secure connection of trusses to wall plates.
An improvement to timber bearing capacities for heavier loads.

TYPICAL APPLICATIONS

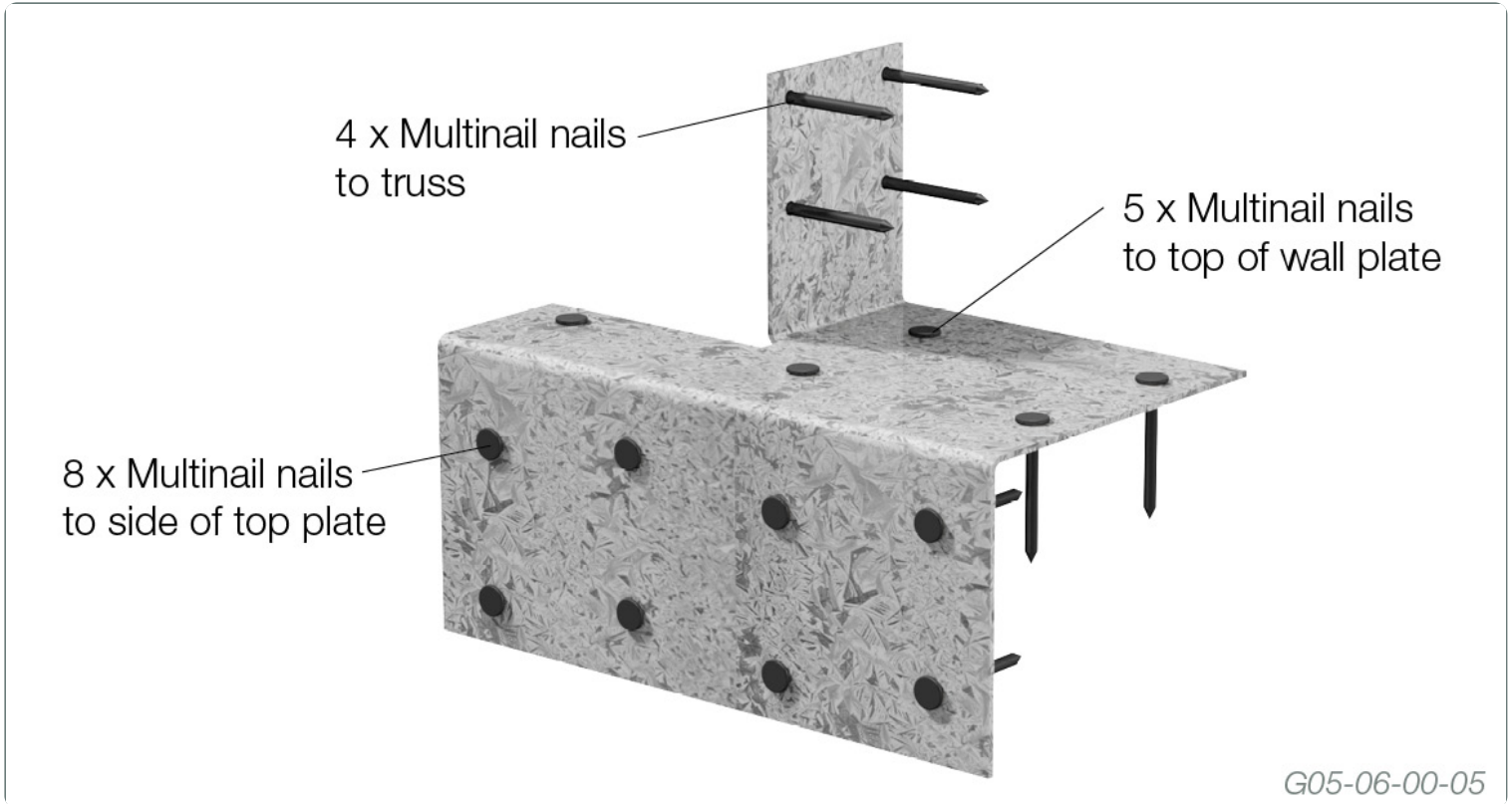
Anti Crush Plates are typically used in the following application:



Connecting Roof Trusses to Wall Plates

FIXING

A minimum of 17/30mm x 2.8Ø Multinail nails must be used to fix each Anti Crush Plate for full tabulated values.
(8 nails into side of double top plates, 5 nails into the top of top plate and 4 nails into side of truss)



TIE DOWN CAPACITY

| Joint Group | |
|-------------|-----|
| J2 | 4.3 |
| J3 | 3.1 |
| J4 | 2.2 |
| JD2 | 5.5 |
| JD3 | 4.3 |
| JD4 | 3.1 |
| JD5 | 2.5 |
| JD6 | 1.9 |

NOTES: The uplift in capacities are derived from AS1720-2010 and are for houses where failure is unlikely to affect an area greater than 25m². For primary elements in structures other than houses or elements in a house for which failure would be greater than 25m² these capacities must be multiplied by 0.94. For primary joints in essential services or post disaster buildings multiply by 0.88.

BEARING CAPACITY

Bearing Capacity - 1Ply Truss (35mm)

| Strength Group of top plate | Width of Bearing (kN) | |
|-----------------------------|-----------------------|------|
| | 70mm | 90mm |
| SD4 (Hardwood) | 29.1 | 34.9 |
| SD6 (Softwood) | 17.5 | 20.9 |

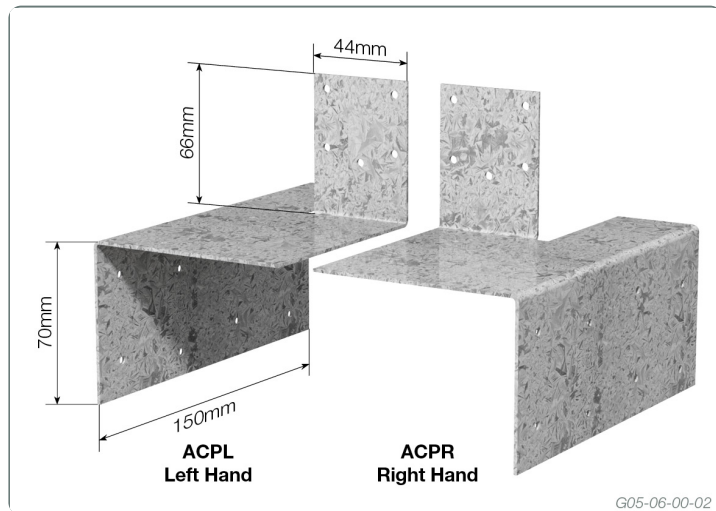
Bearing Capacity - 2Ply Truss (70mm)

| Strength Group of top plate | Width of Bearing (kN) | |
|-----------------------------|-----------------------|------|
| | 70mm | 90mm |
| SD4 (Hardwood) | 47.3 | 57.4 |
| SD6 (Softwood) | 28.3 | 34.1 |

DESCRIPTION AND PACKAGING

Manufactured from 1.5mm Galvanised G300 Z275 Steel

| Description | Product Code | Reference Code | Carton quantity | Carton kg. |
|-------------------------------------|--------------|----------------|-----------------|------------|
| LH | ACPL | ACPL-50 | 50 | 13.5 |
| RH | ACPR | ACPR-50 | 50 | 13.5 |
| 30mm x 2.8Ø Multinail Nails (TA302) | | | | |



Due to continual product improvement Multinail Australia Pty Ltd. reserves the right to change the product/s depicted - both in description and specification. This document has to be read in conjunction with Multinail's Technical Manual.