

CORNER PLATE

FEATURES AND BENEFITS

EASY: The Pryda Corner Plate is especially designed for jointing corner timbers in light framing applications such as gate frames, and a wide range of other uses including wall frames, tops of pergola beams, furniture framing etc.

VERSATILE: Suitable for use as either left or right hand and either the vertical or horizontal position.

SPECIFICATIONS

PRODUCT CODE	CPL
STEEL	G300
THICKNESS	1.6mm
CORROSION RESISTANCE	Z275
FASTENERS REQUIRED	8 x 35 x 3.15mm nails
QUANTITY	150 per carton

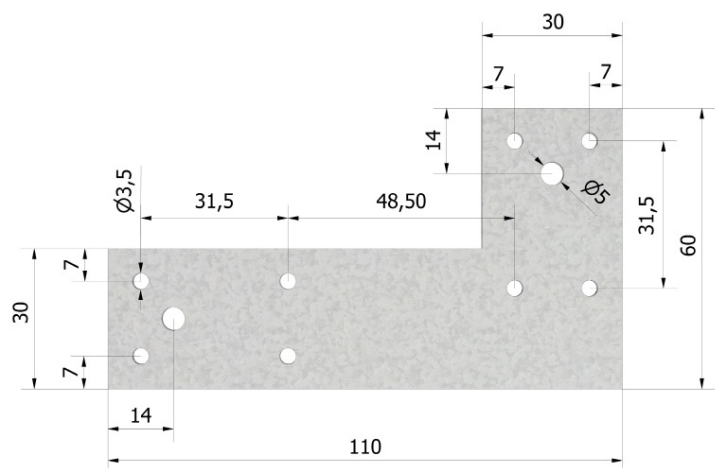


AS1684 & AS1720 COMPLIANT

- Minimum Z275 galvanised steel
- G300 Grade Steel
- Design values tested in accordance with the relevant standard

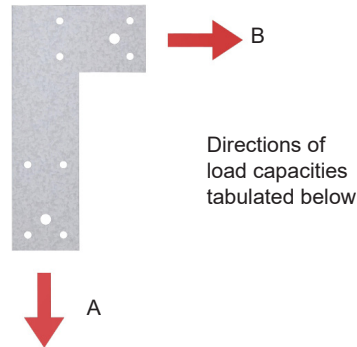


Galvanised Bracket for Right Angle Joints.



DESIGN CAPACITIES

Limit State Design capacities per Pryda Corner Plate are tabulated below for fixing with four galvanised 35 x 3.15 mm Pryda Timber Connector Nails each side of the joint.



JOINT GROUP	DESIGN CAPACITY (Φ NJ) (KN) FOR WIND LOAD CASE
JD3	5.3
JD4	3.8
JD5	3.2
J3	3.8
J4	3.2

NOTES:

1. For Load Direction B, use 60% of the above capacities.
2. This capacity applies directly to all Category 1 joints. For all other joints, ie Category 2 or 3 joints as per AS1720.1:2010), multiply these capacities by 0.94 or 0.88 respectively. See General Notes in Pryda Timber Connectors Nail Plates Guide for more information. It is the responsibility of the designer selecting the CPL to ensure the product is "fit for purpose" for the intended connection.

APPLICATIONS



IMPORTANT:

READ THIS DATASHEET IN CONJUNCTION WITH PRYDA NAILPLATES DESIGN GUIDE AND REFER TO ESSENTIAL NOTES AND GENERAL NOTES.

INSTALLATION

STEP 1



- Ensure butt jointed surface are flush and levelled. No offsets between surfaces as the CPL must be installed flat to both adjoining surfaces.
- No gaps between butt jointed ends.
- Recommended timber width 45mm min. (same face of which CPL to be installed on)

STEP 2



- Align CPL long leg to vertical stud/member and short leg to horizontal plate
- Ensure nearest nail centre to fixed member end cut is no less than 30mm.

STEP 3



- Nail fix using 8x3.15x35mm Pryda Connector nails.



LOOKING FOR MORE DETAILS OR OTHER NAILPLATES IN OUR RANGE?

SEE OUR NAILPLATES DESIGN GUIDE AVAILABLE AT [PRYDA.COM.AU](https://www.pryda.com.au)