Corner Plate
GALVANISED

Application

The Bremick® Corner Plate is specifically designed for connecting timber in framing corner applications including wall frames, tops of pergola beams, furniture, and gate frame construction, plus a wide range of other uses. The Corner Plate is suitable for use as either left or right hand and either the vertical or horizontal position.

Advantages

Bremick® Corner Plate provides numerous benefits including:

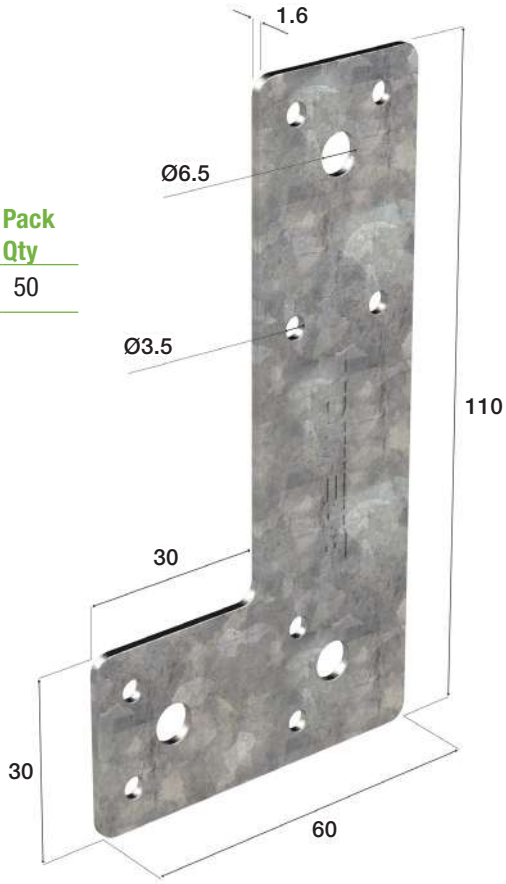
- 1.6mm thickness and a 90° bend facilitates multiple timber corner connections
- Suitable for use as either left or right hand and either the vertical or horizontal position
- Pre-drilled holes to enable easy fastening using nails or screws

Specifications

Steel Grade	G300
Coating	Z275 – Galvanised
Thickness	1.6mm
Width	30mm
Length A	110mm
Length B	60mm
Fasteners	Bremick® 35 x 3.15mm Timber Connector Nails

AS1684 & AS1720 Compliant

Engineered Performance Tested Compliance



Bremick® Ranging

Product Code	Dimensions	Coating	Pack Qty
TCOG110060164	110mm x 60mm x 30mm x 1.6mm	Z275 – Galvanised	50

Installation Instructions

1

Fasten the first angle of the Bremick® Corner Plate to the first timber member in the desired location, by hammering Bremick® Timber Connector Nails through the 4 available pre-drilled holes.

2

Once the bracket is secured into the first timber member, repeat the above step into the second timber member.

Technical Data

CORNER PLATE

TCOG110060164

LIMIT STATE CORNER SINGLE PLATE CAPACITY LOAD DIRECTION A

Table 1 DEAD + LIVE LOAD (ROOF SYSTEMS) CAPACITY: 4 - 3.15mm DIAMETER NAILS USED ON CRITICAL FACE

	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	0.7	1.0	1.2	1.6	2.1	2.7
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	0.5	0.6	0.8	1.2	1.6	2.1

REMARKS

- These design capacities apply directly for Category 1 joints as described in Table 2.2 of AS1720.1:2010. For Category 2 and Category 3 joints, multiply these capacities by 0.94 and 0.88 respectively.
- The design capacities tabulated above apply directly for 1.2G+1.5QR load case using k1 = 0.77. For other load cases, multiply these capacities by the load factors given below.

Load factor				
Load Case	1.35G	1.2G+1.5Q_F	1.2G+1.5QR	1.2G+WD or 0.9G - Wu
Factor	0.74	0.9	1	1.48

For Loads in Direction B, multiply capacity by a factor 0.6 (60%).