PRODUCT DATA SHEET

PERGOLA ANGLES

FEATURES AND BENEFITS

EASY: Simple and effective design.

FAST: Fixed with Pryda Connector Nails 35x3.15mm and Pryda TCS12-65 screw.

VERSATILE: Can be installed on to existing framing with restricted access to edge of top plate for internal tie down. Installed on top making it less visible from side view.

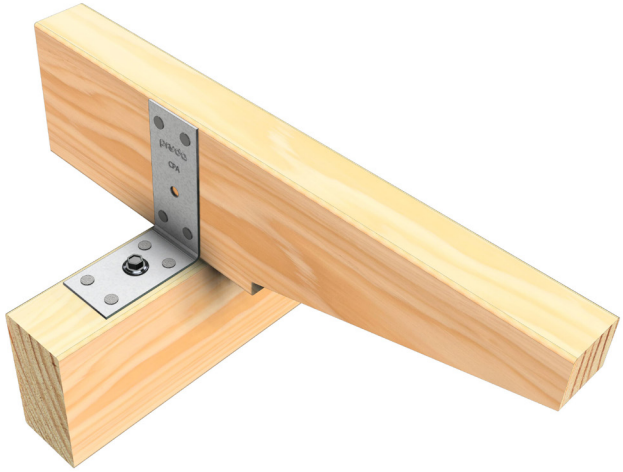
AS1684 & AS1720 COMPLIANT

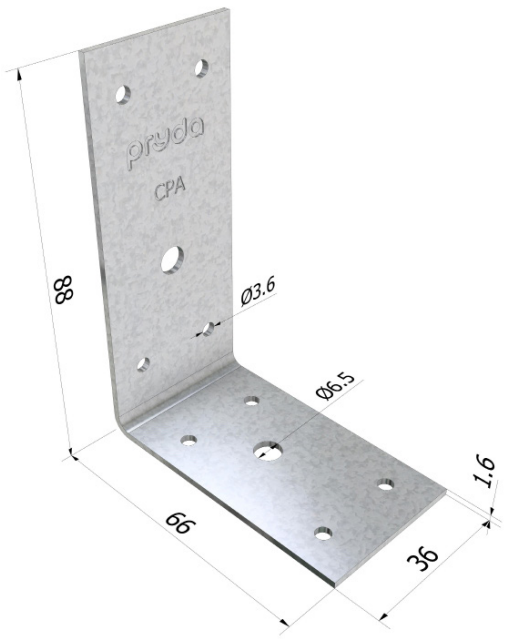
- Minimum Z275 galvanised steel
- G300 min. Steel grade
- Design values tested in accordance with the relevant standard

SPECIFICATIONS

PRODUCT CODE	MPCPA
STEEL	G300
THICKNESS	1.6
CORROSION RESISTANCE	Z275
FASTENERS REQUIRED	8 x 35x3.15mm nails 1xTCS12-65 screw
QUANTITY	100

Heavy duty, multi-purpose building brackets.





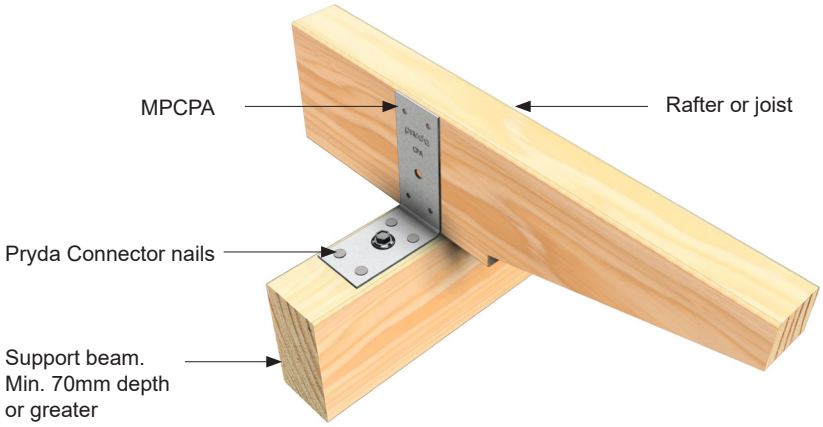
DESIGN CAPACITY

For indoor, dry use conditions and JD5 timber, design wind uplift capacity (ϕNj) for a CPA Angle fixed with 4 nails on each member plus one Pryda TCS12-65 screw into supporting member of minimum 70mm deep is 3.2 kN.

To achieve greater capacity, use the MPCPAH hold-down bracket. Details are available in the connectors and Tie-down guide.

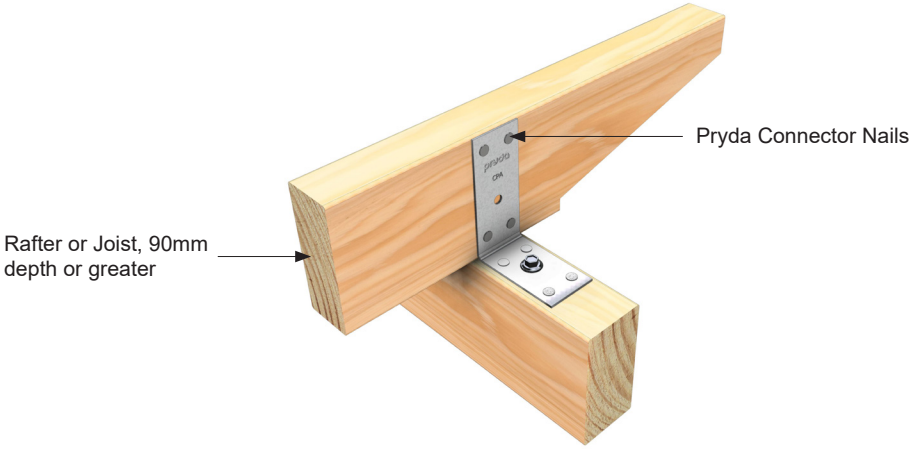
INSTALLATION

STEP 1



- Locate the MPCPA firmly against rafter or joist and directly bearing on the support beam.
- Suggested support beam minimum depth 70mm.
- Fasten MPCPA to support beam with 4 x 35x3.15 Pryda connector nails using the smaller holes and one TCS12-65 screw to larger hole at centre.
- The MPCPA should be positioned centrally on supporting beam width.

STEP 2



- Position rafter or joist firmly against the CPA bracket and directly bearing on support beam.
- Fix the CPA bracket to the rafter or joist with 4x 35x3.15 Pryda Connector nails.
- The selected rafter or joist overall depth should be 90mm or greater.