

CPB BRACKET

FEATURES AND BENEFITS

EASY: Fixed with screws to the truss and uses a 16mm tie down rod for continuous connection straight down to the slab or reinforced blockwork wall.

STRONG: 3.0mm G300 Z275 Steel.

VERSATILE: Can be used for a variety of tie down applications, onto blockwork / timber / steel frames.

SPECIFICATIONS

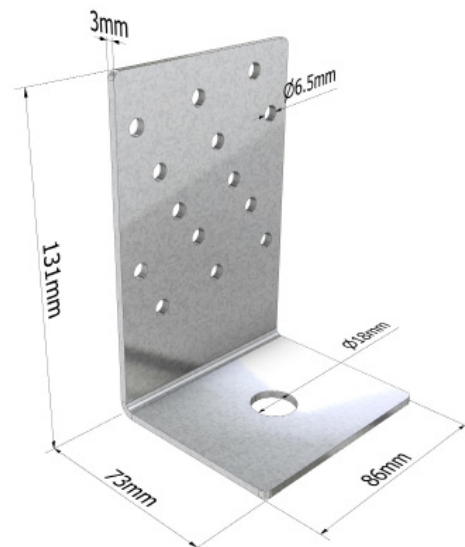
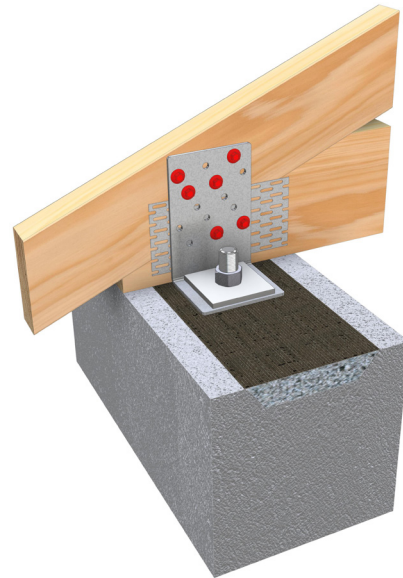
PRODUCT CODE	CPB
STEEL	G300
QUANTITY	20
THICKNESS	3.0mm
CORROSION RESISTANCE	Z275
TRUSS FASTENERS	Pryda painted hex head screws 12G x 35mm (TCS12-35)
ANCHORING FASTENER	M16 Tie-down rod or suitable epoxy set chemical anchor AND 65 x 65 x 5mm square washer/s Note: two washers will be required for high load applications

The strongest L bracket tie down.



AS1684 COMPLIANT

- Designed and tested in accordance with Australian standards (AS1649)
- Minimum G300 Z275 Galvanised Steel



DESIGN CAPACITIES

The design capacities for single or double brackets are tabulated below for use with either six or nine Pryda TCS12-35 screws into truss the chord and M16 tie-down rod into blockwork or steel frame. Note: the six-screw option will require a single 65 x 65 x 5 washer and the nine-screw option requires double washers.

UPLIFT CAPACITIES FOR A SINGLE BRACKET

JOINT GROUP OF TRUSS CHORD	UPLIFT CAPACITY (KN)			
	6 SCREWS/ BRACKET WITH SINGLE WASHER - M16 BOLT	6 SCREWS/ BRACKET WITH DOUBLE WASHER - M16 BOLT	9 SCREWS/ BRACKET WITH SINGLE WASHER - M16 BOLT	9 SCREWS/ BRACKET WITH DOUBLE WASHER - M16 BOLT
JD5	10	10	15	15
JD4	14.4	14.4	16	21.6
JD3	16	20	16	25

UPLIFT CAPACITIES FOR DOUBLE BRACKETS (BACK TO BACK)

JOINT GROUP OF TRUSS CHORD	UPLIFT CAPACITY (KN)			
	6 SCREWS/ BRACKET WITH SINGLE WASHER - M16 BOLT	6 SCREWS/ BRACKET WITH DOUBLE WASHER - M16 BOLT	9 SCREWS/ BRACKET WITH SINGLE WASHER - M16 BOLT	9 SCREWS/ BRACKET WITH DOUBLE WASHER - M16 BOLT
JD5	20	20	30	30
JD4	28.8	28.8	30	43.3
JD3	32	40	30	50

Note: For double brackets, back-to-back installations, ensure to select screw holes that would not clash with opposing face. Alternatively, install brackets with a 5mm offset on opposing brackets to avoid screw clashing.

TIE-DOWN ANCHORS

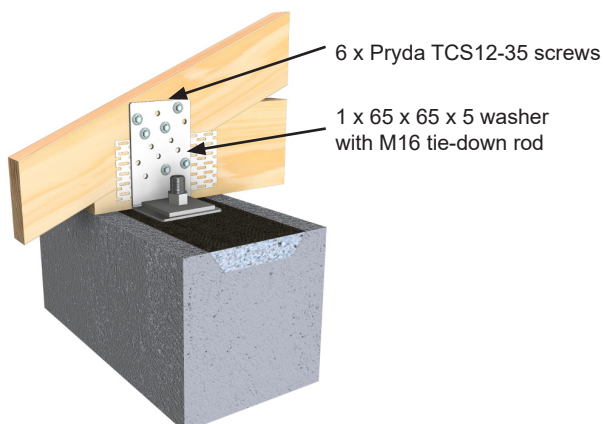
BLOCKWORK

Use an M16 tie-down anchor with single or double 65x65x5 washers, either embedded into masonry or using a suitable epoxy set chemical anchor to achieve the design capacities tabulated above.

STEEL OR TIMBER FRAME

Use an M16 tie-down rod with single or double 65x65x5 washers, anchored directly into the foundation. If fixed to the wall plate, it must be ensured that fixing load path is followed through and the wall plate itself is structurally adequate.

CPB BRACKET (6 SCREWS, SINGLE WASHER)



CPB BRACKET (9 SCREWS, DOUBLE WASHERS)

