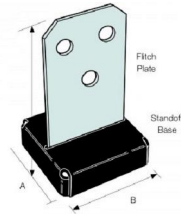
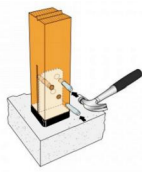


The CPT concealed post base provides a clean, concealed look while providing a 25mm standoff height above concrete. The 25mm standoff reduces the potential for decay at the post end. The CPT can be fixed to concrete base with either M12 chemical or mechanical anchors (sold separately).

FEATURES

Materials

Flitch plate, washers and standoff base are pre-galvanised steel. The standoff base has an additional textured, flat black powder coat finish for aesthetic purposes. The 12mm diameter dowels are mechanically galvanised.



APPLICATIONS

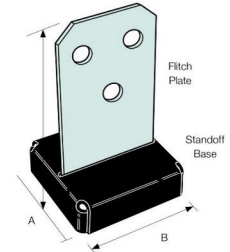


Concrete

Fix timber posts to concrete.

TECHNICAL DATA

Item Codes



References	Timber Post Size [mm]	Connector Dimensions [mm]		Fasteners			
		A	B	Anchor		Dowels & (Supplied)	
				Qty	Diameter	Qty	Specification [mm]
CPT44Z	89 x 89 to 100 x 100	89	89	2	M12	3	Ø12 x 70
CPT66Z	133 x 133 to 150 x 150	133	133	2	M12	3	Ø12 x 121
CPT88Z	184 x 184 to 203 x 203	184	184	2	M12	3	Ø12 x 121

Characteristic Loads

References	Characteristic Capacities [kN]			
	Download & (F ₂)	Uplift & (F ₁)	Lateral & (F ₅ = F ₆)	Lateral & (F ₃ = F ₄)
CPT44Z	59.4	11.2	7.3	3.9
CPT66Z	91.2	16.3	9.1	5.6
CPT88Z	123.1	16.3	9.1	5.6

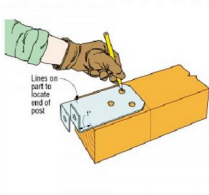
For combined loads:

$$\sum \frac{F_{i,d}}{R_{i,d}} \leq 1$$

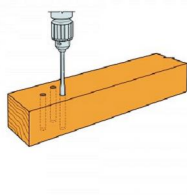
INSTALLATION

Installation Sequence

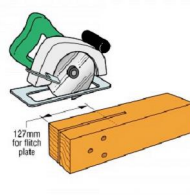
Follow the steps below:



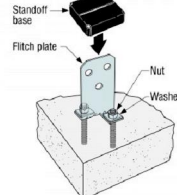
Step 1: Use the flitch plate as a template to mark dowel locations.



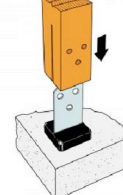
Step 2: Drill 13mm holes perpendicular to the post at marked locations.



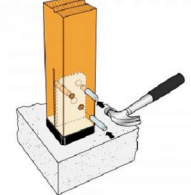
Step 3: Cut a 5mm wide slot on the side adjacent the drilled holes. Check that the flitch plate slides freely.



Step 4: Fix down the flitch plate to concrete foundation and lower the standoff over the flitch plate.



Step 5: Lower the post onto the flitch plate with the drilled holes aligned with the three holes in the flitch plate. Be careful to avoid rotating the post during installation.



Step 6: Drive the dowels into the post. They should be roughly centred within the post.