




18-22 Spencer Road, Nerang, Queensland, 4211 - P: (07) 5645 9555 E: att@ausTT.com.au W: www.AusTT.com.au

MiTek Product	Product Code / Sizes			Fixing Methods "Refer to MiTek Literature for Full Installation Details"	Suitable for Double Top Plates	Minimum Support Width of Frame	Dead Load + Wind Load Uplift Capacity (kN)				Fix with MiTek Nails	Fix with Gun Nails	Fix with MiTek Screws
							JD5 Single Product	JD5 Double Product	JD4 Single Product	JD4 Double Product			
 TrussLok (Screw)	TL150	-	-	Up through 35 mm Top Plate Depth into Truss - See Note 1c	-	-	2.6	-	3.1	-	-	-	-
	TL150	-	-	Up through 45 mm Top Plate Depth into Truss - See Note 1c	-	-	3.1	-	3.8	-	-	-	-
	TL150	-	-	Up through 70 mm (2 x 35 mm) Top Plate Depth into Truss - See Note 1c	Yes	-	4.2	-	5.2	-	-	-	-
	TL150	-	-	Up through 80 mm (35 + 45 mm) Top Plate Depth into Truss - See Note 1c	Yes	-	3.5	-	4.4	-	-	-	-
	TL150	-	-	Up through 90 mm (2 x 45 mm) Top Plate Depth into Truss - See Note 1c	Yes	-	2.8	-	3.5	-	-	-	-
 Cyclone Tie	CT180	-	-	Face Fixed	Yes	-	2.6	5.2	3.1	6.2	Yes	See Note 4	See Note 4c
	CT600	CT900	CT1200	8 Face = Face Fix with 4 x MiTek nails to each leg	Yes	-	5.1	10.2	6.2	12.4	Yes	See Note 4	-
	CT600	CT900	CT1200	12 Face = Face Fix with 6 x MiTek nails to each leg	Yes	-	7.1	14.2	8.6	17.2	Yes	See Note 4	-
	-	CT900	CT1200	16 Face = Face Fix with 8 x MiTek nails to each leg	Yes	-	9.3	18.6	11.2	22.4	Yes	See Note 4	-
	CT600	CT900	-	Wrap Under Wall Frame Top Plate	Yes	-	12.7	25.4	12.7	25.4	Yes	See Note 4	-
	-	-	CT1200	Wrap Under Wall Frame Top Plate	Yes	-	11.2	22.4	11.2	22.4	Yes	See Note 4	-
 Concealed Purlin Cleat	CPC40	-	-	2 x 65mm MiTek Screws into Frame and 2 x 30mm Screws into Truss	Yes	45 mm	3.3	6.6	4.7	9.4	-	-	Yes
	-	CPC80	-	2 x 65mm MiTek Screws into Frame and 4 x 30mm Screws into Truss	Yes	45 mm	6.6	13.2	8.8	17.6	-	-	Yes
	-	CPC80	-	3 x 65mm MiTek Screws into Frame and 4 x 30mm Screws into Truss	Yes	70 mm	6.6	13.2	9.3	18.6	-	-	Yes
	-	CPC80	-	4 x 65mm MiTek Screws into Frame and 4 x 30mm Screws into Truss	Yes	90 mm	6.6	13.2	9.3	18.6	-	-	Yes
	CPC40	-	-	2 x 30mm MiTek Screws into Frame and 2 x 30mm Screws into Truss	-	45 mm	3.0	6.0	3.7	7.4	-	-	Yes
	-	CPC80	-	2 x 30mm MiTek Screws into Frame and 4 x 30mm Screws into Truss	-	45 mm	3.0	6.0	3.7	7.4	-	-	Yes
	-	CPC80	-	3 x 30mm MiTek Screws into Frame and 4 x 30mm Screws into Truss	-	70 mm	4.5	9.0	5.6	11.2	-	-	Yes
	-	CPC80	-	4 x 30mm MiTek Screws into Frame and 4 x 30mm Screws into Truss	-	90 mm	6.0	12.0	7.5	15.0	-	-	Yes
Universal Trip-L-Grip	TGU	-	-	Single Top Plate Fixing - Load Direction A	-	-	2.6	5.2	3.1	6.2	Yes	See Note 4	-

Notes

- Refer to the "Hanger & Tie Down Report" sheets with roof truss layout packages for the designed kN uplift (DL + WL) for each truss, shown as a negative value.
 - Products nominated on "Hanger & Tie Down Report" sheets are typically based on **JD5** timber joint group & can be conservative. ([See Note 3](#))
 - It could be possible to use the kN values in the above table to apply an alternative tie down product to that noted on the "Hanger & Tie Down Report".
 - TrussLok capacities vary for different top plate thicknesses. The "Hanger & Tie Down Report" is typically based on 70 mm top plate thicknesses. Check compliance if thickness differs.
- Use the **JD5** timber joint group values as the default. This joint group is typical of F5 and MGP10 timber grades that are most common in roof trusses & wall frames.
- JD4 timber joint values are also offered in the table above where other timbers listed in the Joint Groups table to the right are applicable.
 - When different timbers are used in the roof truss and supporting wall frame \ beam, select the weaker timber joint group. **JD5** being the weaker.
- MiTek's **Technical Report No: Connections - 01 (Rev B)** has details for allowable gun nailing applications. The **QR** code will link to a copy of the Report.
 - Products that can be fixed with MiTek 30 x 2.8 mm blue galvanised reinforced nails will have these nails supplied by default, unless instructed otherwise.
 - All screws referenced must be MiTek MSA1430 (yellow) or MiTek MSA1465 (blue) anti-split self-drilling HD galvanised screws.
 - CT180 Cyclone Ties can substitute 1 MSA1430 screw for every 2 MiTek nails. Fix screws into pre-punched holes, diagonally across each other. Default supply is nails.
- Tie down capacities can be doubled in many applications, when valid MiTek tie down products are doubled. Refer to the table above for possible values.
- The **MiTek Roof Truss Installation Manual** has product images and installation details. The **QR** code will link to a copy of the Manual.
- For more detailed information about MiTek's Engineered Building Products, the free **MiTek EasyCat App** can be accessed from the **QR** code.
- ATT stock Universal Trip-L-Grips in lieu of Trip-L-Grips, but both products have matching hold down capacities which also match CT180 Cyclone Ties.

Timber Joint Groups

Timber Joint Group	JD5
F5 and MGP10 Pine	JD5
MGP12, MGP15 Pine	JD4
F17 Kiln Dried Hardwood	JD3
E11 and E13 LVL	JD4
Hyne LGL	JD4
GL15 & GL17 Laminated Beams	JD4

