

CycloneTie Stainless Steel

FOR ROOF SECURITY UNDER EXTREME WIND CONDITIONS IN CORROSIVE ENVIRONMENTS

To achieve design capacities, CycloneTies must be fixed with MiTek 30 x 3.15mm annular grooved stainless steel nails.



For durability information, please refer to **Corrosion Resistance of MiTek Metal Connectors**, available on the MiTek website at mitek.com.au

USES

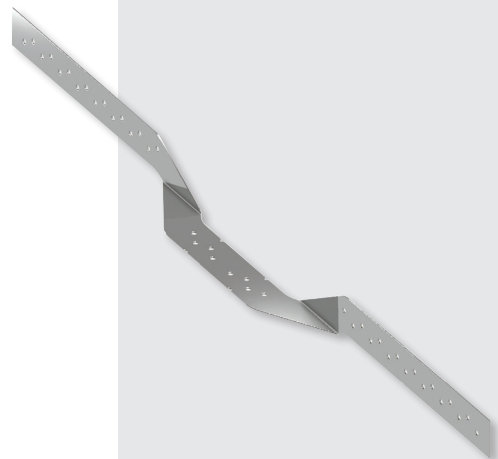
- Stainless steel CycloneTies are used to secure purlins, rafters and trusses to top plates in areas subject to cyclonic and high wind conditions in corrosive environments.

ADVANTAGES

- The stainless steel CycloneTie is available in 600mm lengths.
- The 600mm length suits a wide range of rafter sizes.

SPECIFICATIONS

Steel Grade	Stainless Steel 304-2B
Thickness	0.91mm
Nails	MiTek 30 x 3.15mm annular grooved stainless steel
Product Code	CT600SS



This Certified Engineering Building Product complies with the National Construction Code and Australian Standards.

CYCLONETIE FIXING METHOD

Fixing Method	No. of nails in each leg	Load Case	Limit State Design Capacity (kN)									
			Timber Joint Group of Support									
			J2	J3	J4	J5	J6	JD2	JD3	JD4	JD5	JD6
	4	DL only	4.1	2.9	2.1	1.6	1.2	5.2	4.1	2.9	2.4	1.8
		DL+WL	8.1	5.8	4.1	3.2	2.3	10.1	8.1	5.8	4.9	3.6
	6	DL only	5.4	3.8	2.7	2.1	1.5	7.2	5.7	4.0	3.4	2.5
		DL+WL	10.1	7.7	5.4	4.2	3.1	10.1	10.1	8.1	6.8	5.0

The design values incorporate the Category 1 capacity factor (ϕ) for houses. For other categories, multiply the design capacities by the following factors. Refer to AS1720.1 for a full definition of each category.

Category	1	2	3
Adjustment factor	1.00	0.94	0.88

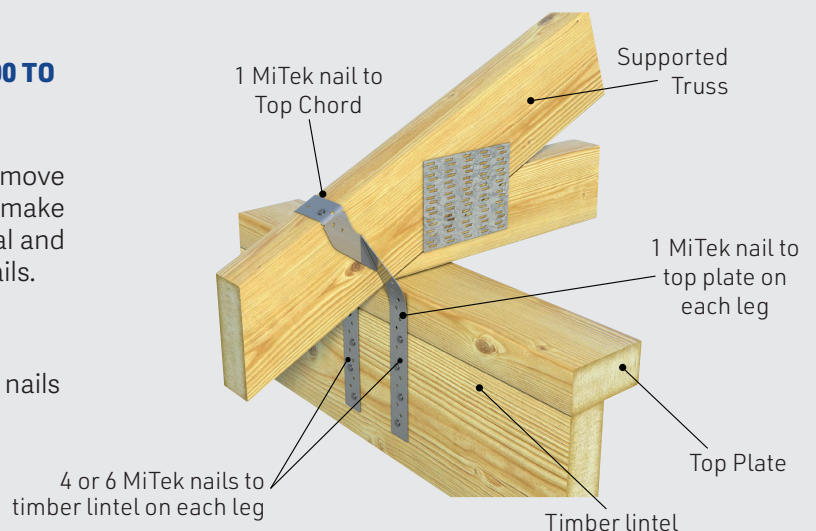
Design capacities have been obtained from laboratory testing and procedures given in AS1720.1.

FACE FIXING STAINLESS STEEL CYCLONETIE 600 TO TIMBER LINTELS

1. Bend CycloneTie over truss top chord, move CycloneTie along top chord until legs make contact with wall top plate. Bend legs vertical and nail each side on top plate with four or six nails.

Note

When fixing CycloneTie to ply-braced walls, nails should be fixed through to timber framing.



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