



Ridge Mount

The Ridge mount is designed to support a television antenna with a drag area up to 0.3m² and a weight up to 5kg on a corrugated iron roof.

The mount is to be fixed to the timber roof purlins through the crests of the corrugated profile. The maximum permissible roof slope is 30°.

The mount may straddle the ridge or be fixed to any suitable location on the roof slope.

The table below shows the maximum and minimum horizontal spacings of the fixing points for various wind classifications. Check that the purlin spacings are suitable before commencing the installation.

Installation steps:

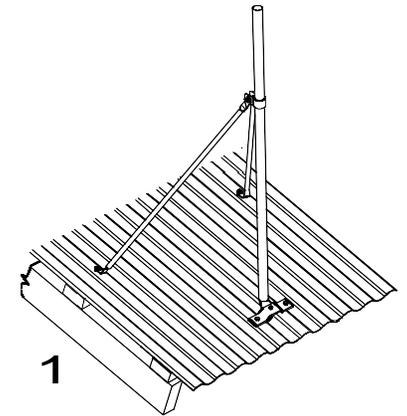
1. For mounting to one sloping surface of the roof, the stays must be fixed upslope from the mast. For ridge mounting, fix the mast through the roof cladding to the timber purlin at one side of the ridge capping as shown in 1.

Use TEKS T17 14-10 x 50mm fasteners for fixing to hardwood timber purlins and TEKS T17 14-10 x 65mm fasteners for fixing to softwood timber purlins. The screws must be fastened through the crests of two adjacent corrugations. Apply a neutral cure silicone sealant to the screw holes and the area under the mast footplate.

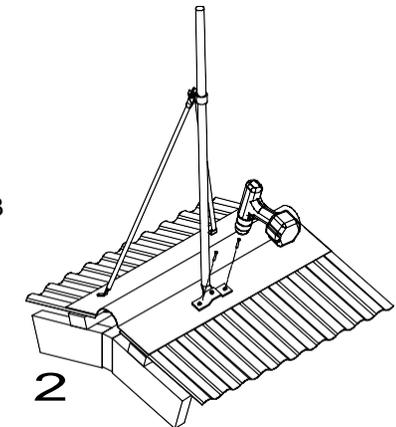
The flattened ends of the mast and stay tubes can be bent to suit the roof slope with an adjustable wrench as shown in 3

2. Fix the two stays to the other side of the ridge capping, or upslope of the mast as shown in 4. The stays must be equally spaced each side of the mast. Apply neutral cure silicone sealant to the screw holes and the areas under the stay tags.
3. Ensure that the mast is vertical and tighten the clamp bolt.

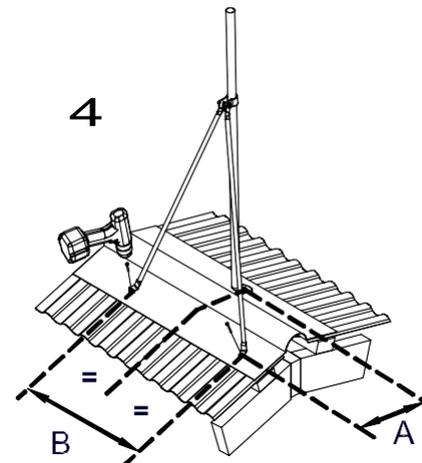
Wind classification		N3/C1 (W41)	N4/C2 (W50)
Dimension A	minimum	225mm	320mm
	maximum	500mm	450mm
Dimension B	minimum	305mm	460mm
	maximum	915mm	760mm



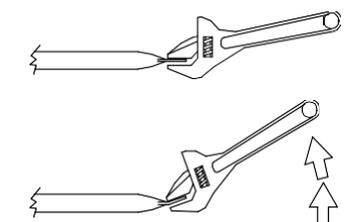
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2



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