

# Installation Guide

## Ancon Staifix Helical Nails for Flat Warm Roof Construction

### Super-8 Headed Helical Nails

Headed helical nails are designed to secure plywood/insulation composite roof decks to timber joists. They are manufactured from zinc coated steel in three standard lengths which suit panel depths from 85mm to 160mm. Other lengths and stainless steel versions are available on request.

Super-8s should be installed at a rate of 6.9 per square metre, using a hammer. The 18mm diameter head simplifies installation.

### Installation of Super-8 Headed Helical Nails

The nails should be hammered vertically, directly through the plywood/insulation composite deck, and be embedded in the joist below.

### Minimum Embedment

Nails should achieve a minimum embedment of 35mm in the joist.

### Density

For applications with joist centres of either 400mm or 600mm, nails are typically installed at a minimum density of 6.9 per square metre:

**400mm Joist Centres** – Fix at every 600mm along the line of the joist

**600mm Joist Centres** – Fix at every 400mm along the line of the joist

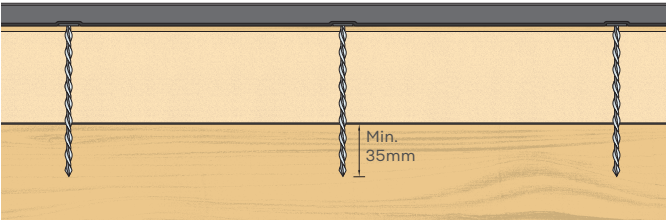


### Recommended Lengths

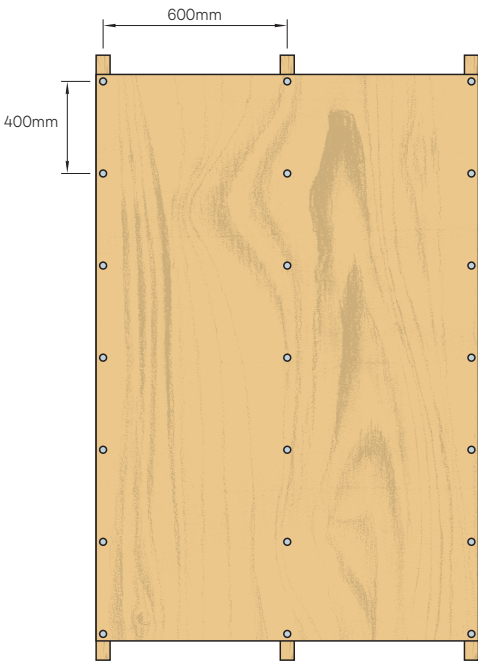
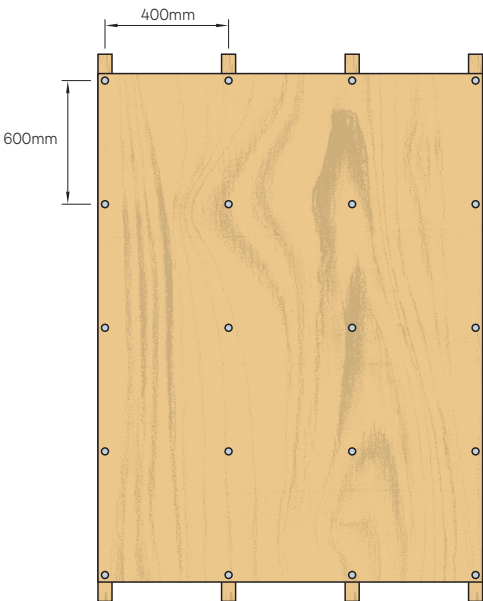
Composite Panel Depth	Recommended Nail Length
85-110mm	145mm
115-135mm	170mm
140-160mm	195mm

Super-8 nails should achieve a minimum embedment of 35mm in the joist.

### Flat Roofs



Headed helical nails fix plywood/insulation composite roof panels to joists.



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