espan® 340



espan® 340 can be used as a residential or commercial roofing solution and is ideal for low pitches. espan® 340 employs a clip fixing system and can be used down to a minimum pitch of 3 degrees.

PROFILE CROSS SECTION



All dimensions

- Note: Oil Canning is an inherent characteristic of gauge cold formed metal products, particularly products with broad flat areas like espan(r). The architect, builder and homeowner needs to be aware that oil canning may affect the overall aesthetic outcome. Please refer to MRM NZ Metal Roof and Wall Cladding Code Of Practice - Section
- 2.3.5 for more information.(www.metalroofing.org.nz).



ULS Design Load: 0.9mm Aluminium



RECOMMENDED FIXINGS

Fixing Patterns – 1 powdercoated clip per sheet per Purlin



Timber:

49

10G Length to suit -minimum embedment into structure 30mm and greater than 6 times the screw thread diame Use load spreading washers if required for expansion.

Steel:

12G self-drilling fastener. Length to suit -minimum steel embedment should be 5 - 6mm beyond the drill point wi minimum of 3 threads beyond the drill point. Use load s_i washers if required for expansion.

Note:

The intermediate spans shown in the graph to the left is 0.9mm Aluminium as the base metal.

To calculate end spans please multiply the intermediate 0.66. Spans are based on unrestricted access and allow concentrated load of 1.32kN.

For alternative metals please contact your local Metalcra branch.

Manufacturing locations:

On-site Nationwide - Available to purchase from all Met $\ensuremath{\mathsf{Branch}}$ Locations.

espan is a revolution in roll forming, depending on proje and location the sheets can be run on site to any length contact your nearest Metalcraft Branch for more informa