



Plywood Substrate Specification

Plywood is used as the substrate for both Eurotray® and Membrane roofing, as well as support for Europanel (Hook and Lock Seam). Correct installation of the plywood is required to minimize the effects of expansion. Damage to the cladding system could be incurred if the ply is incorrectly fitted.

1. Plywood should be CPD (constructed ply, plugged and sanded on the upper face).
2. Plywood must be H3 treated. Treatment must be water based.
3. Plywood substrate should be a minimum of 12.5mm for Eurotray or Europanel and 17mm for Butylclad. It shall be laid with the face grain at right angles to the supports
4. Plywood shall be fixed with 3mm space between sheets to allow for expansion and contraction.
5. Self-drilling countersunk screws must be used. These shall be corrosion resistant, e.g. stainless steel or similar, and must be spaced at 150mm on edges and 200mm on internal purlins. Screws should penetrate purlins by at least 17mm.
6. Under no circumstances should nails, staples or other types of fasteners be used for the fixing of a plywood substrate.
7. For rafters at 900mm centers it is recommended to use 75 x 50mm purlins on flat, at 600mm centers. Dwargs shall be used as required to support the edges of sheets
8. If the butyl is to be used on a trafficable deck, the plywood and substrate must comply with NZS 3604 - 1999.

NOTE: L.O.S.P (LIGHT OIL SOLVENT BASED PRESERVATIVE) MUST NOT BE USED FOR BUTYLCLAD.



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