

# SUBSTRATE CHECKLIST

## Viking WarmRoof

Version 1.0

### Plywood

<b>Date Started</b>	
<b>Approved Applicator Company</b>	
<b>Viking Licenced Installer</b>	
<b>Project Name &amp; Address</b>	
<b>Main Contractor</b>	
<b>Membrane Type</b>	
<b>Add any notes or comments:</b>	

- Framing supports at 400mm centres (in one direction). Alternatively, Viking Roofspec can accept the maximum main support spacing provided in Table 15C of CCH Ecoply Specification Guide. All plywood edges must be supported. Do not use tongue and groove plywood.
- Minimum thickness 17mm, H3.2 treated, F8 structural plywood (not LOSP treated)
- Minimum CD grade with the sanded C face upward.
- Plywood laid with face grain at right angles to supports.
- Plywood is to be laid with staggered joints in a brick-bond pattern with a 3mm expansion gap between sheets.
- Plywood screw-fixed with 10g x 50mm S/S counter-sunk screws at 150mm centres at all sheet edges and 200mm centres through the body of the sheet. All screws to be counter sunk 1-2mm.
- Chamfer all external edges where membrane will be detailed over with a minimum radius of 5mm.
- Plywood is to be kept dry at all times during construction. Blow/torch drying the plywood surface prior to membrane application does not comply. Plywood and framing supports to be at no more than 20% moisture content
- No cavity ventilation is required when the cavity is fully sealed and encapsulated by the thermal envelope and where
- minimum R-value of thermal envelope meets the requirements of the relevant climate zone.
- All outlets and overflows are membrane compatible. Note that TPO membranes cannot be welded to stainless steel scuppers or sumps. Drains must have clamped grates

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- Ensure compliant falls. E2/AS1 8.5.1. limitations state 2 for roofs (1:30 or 34mm/mt), 1.5° for decks (1:40 or 25mm/mt) and 1:100 (10mm/mt) for internal gutters

Please ensure you have ordered the correct membrane, colour and thickness for your project

### NOTES:

- Cover the substrate to keep it dry, ensuring the waterproofing membrane can be installed when needed.
- Communicate early with your Viking Approved Applicator on the project scheduling to ensure weather exposure is kept to a minimum.
- Correct substrate installation is critical to durability and performance of the membrane.
- Failure to strictly comply with substrate specification may affect product warranty.
- All constructions should comply with the New Zealand Building Code. Contact your local council for further advice.
- Communication between the Applicator and Construction Company will assist to ensure specification is met.

Information regarding our products, specifications and warranties is available at [www.vikingroofspec.co.nz](http://www.vikingroofspec.co.nz) If you have a query regarding this substrate specification, please call Viking on 0800 729 799

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