

- StrandSarking, 3.600 x .800mt x 16.3mm, square edge H3.1 treated substrate, refer BRANZ Appraisal No. 946
- For use as a roof substrate with a minimum slope of 2°. Can be used for internal gutters with 1:100 falls. Not for use under trafficable decks. Not for use as a diaphragm roof structure
- Framing supports at 400mm centres maximum (in one direction). **All sheet edges must also be supported**
- StrandSarking sheets must be laid continuous over at least two spans (three framing members). When used over a single span, then blocking (nogs) must be used under each unsupported edge
- Plywood is to be laid with staggered joints in a brick-bond pattern with a continuous bead of suitable construction adhesive on top of timber supports. Sheet edges to be carefully glued with a continuous bead of suitable construction adhesive (no spot gluing) and tight butt-jointed. Once sheets have been placed together remove any excess adhesive by scraping the joint with a chisel. Ensure joints and sheets are not walked on within two hours of application. When fully cured remove excess and sand off joints
- Leave a 5mm minimum expansion gap around the perimeter of the plane and any other elements protruding through the roof such as vent pipes. Greater clearances than this may be required around flues and chimneys
- The fixing specification allows for a maximum 50m² without expansion joints (dependent on design). 5mm expansion joints should be used on areas over 50m². **For further information regarding placement of expansion joints for your design, please contact Viking Roofspec**
- Screw-fixing requirements, 10g x 50mm S/S counter-sunk screws, to be counter-sunk 1-2mm, no closer than 10mm from the sheet edges. **For screw spacings refer to Table 3 of the StrandSarking BRANZ Appraisal No. 946**
- 'Very-High and Extra-High' wind-zones **100mm centres** throughout body of sheet, 150mm centres at all sheet edges
 - 'High' wind-zone 150mm centres throughout body of sheet, 150mm centres at all sheet edges
- Chamfer all external edges with a minimum radius of 5mm
- For roofs and roof decks over living spaces, all insulated cavities must be ventilated in accordance with E2/AS1 8.5.2. No cavity ventilation is required for a Viking WarmRoof system that meets or exceeds the minimum R-value requirements of the climate zone
- StrandSarking is to be kept dry at all times during construction.** Blow/torch drying the surface prior to membrane application does not comply. Substrate and framing supports to be at maximum **20% moisture content**
- StrandSarking has a maximum exposure period of eight weeks, before being clad with the roofing membrane. It is recommended for the waterproofing membrane to be installed as soon as the StrandSarking is laid
- All outlets and overflows are membrane compatible. Note that TPO membranes cannot be welded to stainless steel scuppers or sumps. Outlets and overflows must have clamped grates
- 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** If you have a query regarding this substrate specification please call Viking on **0800 729 799**