

STRANDSARKING SUBSTRATE CHECKLIST – Enviroclad, Rubber membranes & WarmRoof

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

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

To be laid with **staggered joints in a brick-bond pattern with a 3mm expansion gap** between all sheet edges. 5mm minimum clearance must be left between Strandsarking panels and any other elements protruding through the roof such as vent pipes. Greater clearances than this may be required around flues and chimneys

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 & Extra-High'** 100mm centres at intermediate supports, 150mm centres at all panel ends.
- **'High'** 150mm centres at intermediate supports, 150mm centres at all panel ends.

Chamfer all external edges with a minimum radius of 5mm

Angle Fillets min. 20mm **at the base of all upstands for rubber membranes only.**

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

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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.vikingroofspect.co.nz

If you have a query regarding this substrate specification, please call Viking on 0800 729 799