

# Viking EcoStar

Version: 1.1

## StrandSarking

<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>EcoStar Profile</b>	
<b>Add any notes or comments:</b>	

- StrandSarking, 3.600 x .800mt x 16.3mm, square edge H3.1 treated substrate for EcoStar. Mass 11kg/m<sup>2</sup> BRANZ Appraisal No. 891.
- Ensure that the roof trusses or framing provides a level surface prior to fastening.
- Minimum roof pitch EcoStar: 15°
- Framing supports at maximum 900mm centres (with maximum cladding weight of 50kg/m<sup>2</sup>).
- StrandSarking laid at right angles to supports, over at least two spans (three framing members).
- StrandSarking sheets laid with staggered joints in a brick-bond pattern, with a 3mm expansion gap around all edges.
- 5mm min. clearance must be left between Strandsarking sheets and any other elements protruding through the roof such as vent pipes. Greater clearances than this may be required around flues and chimneys.
- 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.
- Block or nog sheet edges at the ridge, gutter, and valleys and where a lower roof meets a wall. No timber support is required at sheet joins, between main supports or throughout the body of the roof.
- Fixing requirements, use 65mm x 2.8mm ring-shank Galv. or Stainless nails. Fixings must be positioned no closer than 10mm from the sheet edges. Fixing Centres for following Wind-zones...
  - 'Very High & Extra-High' 100mm centres throughout body of sheet, 150mm centres at all sheet-ends.
  - 'High' 150mm centres throughout body of sheet, 150mm centres at all sheet-ends.

- Ventilation. A continuous gap of 25mm is required between the underside of the StrandSarking sheet and insulation. Construct substrate to allow ventilation to be equally distributed at the eave intake and ridge vent; this will ensure free airflow directly under the substrate. Ensure a minimum 25mm ventilation gap along all ridges.
- Ensure the StrandSarking does not protrude into the spouting and that it is capped with a metal drip-edge flashing as per Viking Roofspec's standard Drip-edge / spouting detail.
- The maximum exposure period for the StrandSarking before being clad with the roofing system is 8 weeks. It is recommended for the roofing system to be installed as soon as the StrandSarking is laid.
- When fixed in accordance with the technical literature, StrandSarking is suitable for use in all NZS 3604 building wind zones, up to, and including, Extra High. 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 installation is critical to the durability and performance of the Ecostar system.
- Failure to strictly comply with the Substrate Specification may result in the voiding of the product warranty. Refer to Viking Roofspec for further details.
- All construction must comply with the New Zealand Building Code. 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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