

strandsarking®

Factsheet

Strandsarking®

Strandsarking® is a high density reconstituted wood panel manufactured from strands of radiata pine which are randomly layered to form a strong / rigid roofing substrate.

Strandsarking® is specifically designed for use as a sarking under roofing materials that require continuous support.



Product Facts

- CodeMark certification for Strandsarking® low sloped roofs and Strandsarking® pitched roofs.
- Strandsarking® is BRANZ appraised No. 946 (2022) for low slope roofs and No. 891 (2022) for pitched roofs.
- CodeMark will allow for substitution of plywood with no amendment or delay costs.
- Each individual strand of Strandsarking® is treated prior to bonding, resulting in a full penetration treatment removing the requirement for retreating cut edges during the installation process.
- Can be used in wind zones up to and including Extra High as specified in NZS 3604.
- 3600mm x 800mm makes the board easier to pass up between the trusses. The extra length spans an extra truss reducing the double fixing at sheet ends.
- Double sided which results in a faster, easier installation and can be laid in any direction resulting in less wastage.
- Strandsarking® is Red List Free and holds Declare certification.
- Strandsarking® is manufactured in New Zealand, is FSC certified and meets the E0 formaldehyde emissions level.

Applications

- As an underlayment to providing wind and strength roofing support.
- As an additional layer within a roof that insulates or reflects heat.
- As an underlayment to allow different roof types such as torch on bituminous, butynol and TPO membrane roofs.

Product range

| Sheet Size | Nominal Mass Per Panel | Nominal Mass Per M ² (kg) |
|-----------------|------------------------|--------------------------------------|
| 3600x800x16.3MM | 32 | 11 |

Physical Properties

| Property | Units | Manufacturing Mean* | AS/NZS min/max |
|---------------------------------|-------|----------------------|----------------------|
| Bens Strength (MoR) | MPa | >19.0 | 28.2 MPa |
| Modulus of Elasticity (MoE) | MPa | >2750 | 3634 MPa |
| Internal Bond | MPa | >0.55 | 0.78 MPa |
| Thickness Swell | % | <8.0% | 4.44% |
| Thickness Stability | % | <14.0% | 16.7% |
| Glue bond Quality | MPa | >8.6 | 13.35% |
| Wet bending Strength (Method C) | MPa | >4.2 | 8.83 MPa |
| Surface Water Absorption | M/2 | <150g/m ² | 117 g/m ² |

*Tested by the EWP AA in accordance with AS/NZS 4266.1

Note: All measurements shown are nominal.



Download the Strandsarking® Technical Manual at laminex.co.nz

