

**Sarking Membrane**

- 1. General  
The membrane to reduce the risk of condensation in building system while delivering fire performance to comply with requirements of National Construction Code NCC 2019.
- 2. Fabrication  
The product can be multi or single-layered. Multi-layered product should pass fire tests for every layer separately as prescribed in NCC 2019.
- 3. Application  
Sarking wall wrap to be Class 3 or 4 vapour permeable and act as a barrier to air, radiant heat, draughts and dust penetration.
- 4. Climate zoning  
Zone 5, 6, 7 and 8 climate zones.
- 5. Compliance  
The product should be compliant with NCC 2019 Deemed-To-Satisfy provisions for non-combustible constructions Volume 1 C1.9, Volume 2 Part 3.7.1.1, AS/NZS 4859.1:2018 and AS/NZS 4200.1:2017.
- 6. Product thickness  
Product thickness can vary from 0.1mm up to 1mm. Thickness shall not exceed 1mm.
- 7. Vapour control  
Should satisfy requirements of ASTM E96 for class 3 and 4.
- 8. Vapour permeance  
Should satisfy requirements of AS/NZS 4200.1 table 4, vapour control membrane classification, appropriate to the climate zone.
- 9. Tensile strength  
Tensile strength shall be in accordance with AS 1301.448s-91 with the below values.
  - 9.1 Tensile Strength Machine Direction value: Min 13 kN/m
  - 9.2 Tensile Strength Lateral Direction value: Min 10.5 kN/m
- 10. Water control  
The wall wraps selected need to have a water barrier classification to ensure they prevent water penetrating through them.
- 11. Air control  
In accordance with ISO 6536/5-2003 vapour permeable sarking should be classified as an air barrier.
- 12. Shrinkage  
In accordance with AS/NZS 4201.3:1994 shrinkage of vapour permeable barrier should be less than 0.5%.
- 13. UV exposure  
Resistance to UV exposure to be in accordance with requirements of AS/NZS 4200.1 cl.A2.
- 14. Fixing and joining  
Sarking layers to be fixed to the substrate and join one to another with fixing types compliant with requirements of NCC 2019 and AS/NZS 4200.2.
- 15. Storage  
Rolls may be stored flat or upright on a clean, level surface and kept under cover.
- 16. Warranty  
Product warranty should be no less than 10 years.

NOTES:

TITLE	MATERIAL SPECIFICATION SARKING	
CLADDING	ALL	
SUBSTRATE	ALL	Rev
DWG NUMBER	000-AC-GF-DWG-0101	4