



B-4S

Solairforce B-4 is suitable for - Residential Metal Roofs, Residential Tile Roofs, Commercial Metal Roofs as well as walls and floors. Easy to use in sheds, houses and commercial applications.

Solairforce B-4 is a multipurpose 2-in-1 insulation, this reduces labour costs significantly. It offers a water barrier and insulation all in one.

Solairforce B-4 has a R Value of R0.15 and comes in 48m² rolls, majority of similar products only come in 30m² rolls.

Solairforce B-4 has been independently tested to Australian Standards. AS/NZS 4859.1:2002.

- ✓ Quick and easy to install
- ✓ Fibre free, clean & safe, non irritant
- ✓ Reduces energy costs
- ✓ Reduces greenhouse gases
- ✓ Highly durable, hail resistant, anti tear
- ✓ Anti-fungal, anti bacterial
- ✓ Resists rodents and nesting
- ✓ Water Barrier
- ✓ Thermal Break
- ✓ Independently Tested
- ✓ Aust. Standard Compliant AS/NZS 4859.1:2002

Product Name	SolairForce B-4S
Product Thickness	5 mm
Bubble Diameter	10 mm
Foil Thickness	7 microns
Foil Purity	99.00%
Reflectance	Reflective: 97%
Emittance	Reflective: E0.03
Roll Size	1240 mm x 40 m (48m ²)
Roll Diameter	440 mm
Weight	11 kg
Pliability	No cracking
Fungi Growth Ability	Nil
Shrinkage	≤ 0.5%
Edge Tear Resistance	Lateral 299N, Machine 308N
Aparent Thermal Conductivity	0.03434 W/m.K
Material Thermal Resistance	R0.15 m ² K/W

R0.15

*The contribution of this product to R Value depends on installation and environmental conditions. The R Value will be reduced in the event of the accumulation of dust on upward surfaces in those cavities that are ventilated.

Test	Standard	SolairForce B-4S -Result
Corrosion Resistance	AS/NZS 4859.1 Appendix 1	Pass
Flammability	AS 1530.2	Low (Index ≤ 5)
Ignitability Index	AS 1530.3	0 - PASS
Spread of Flame Index		0 - PASS
Heat Evolve Index		0 - PASS
Smoke Development index		0-1 - PASS
Thermal Resistance	ASTMC518	R0.15
Emittance	ASTM-E408	Reflective: E0.03
Vapour Transmission	ASTM-E96	Medium
Dry Delamination	AS/NSZ 4201.1	Pass
Wet Delamination	AS/NSZ 4201.2	Pass
Shrinkage	AS/NSZ 4201.3	≤ 0.5%
Water Penetration	AS/NSZ 4201.4	Water Barrier Classification HIGH
Edge Tear	AS 4200.1 6.1.3	Lateral 299N, Machine 308N