

Technical Specifications	Details
Composite name	Sun Decking Elite™ Composite Board
General description	A Wood Polymer Composite WPC board with a PE capped surround. Wood embossed finish both sides, rebated profile for non direct fixing options. Colours available on web/site by enquiry.
Physical composition	55% FSC wood, 35% recycled PET plastics, bonding agents, UV stabilisers, colouring agents, colour stabilisers. Shell PE plastic, UV inhibition agents.
Board dimensions mm	140 x 23 x 5400mm
Approx M <sup>2</sup> per board laid	0.76
Board weight	21.7kg for 5400mm length.
Density	1.38 g/cm <sup>3</sup> 4.06kg per lineal meter. 1,380kg/M <sup>3</sup>
Slip resistance	AS4586:2013 Wet slip test. Rated P5 in Aug 2020.
Thermal expansion	Intertek tested at 44.2x10 <sup>-6</sup> per °c change. This is a 6.4mm overall linear expansion from 25 to 55°C (30°C change) on a 5400mm board.
UV stability	UV stabilisers added in manufacturing.
Fire rating	B <sub>fl</sub> S0 as ISO 9239-1 at ≥ 11kw/m <sup>2</sup> . Re testing to AS3959 appendix F
Warranty	15 years product failure limited warranty against rot, splintering and termite infestation.
Fasteners	Moulded ABS fastener for 5.5mm gap. 3mm gap 314 stainless clips. Stainless 304 screws.
Recommended installation	Maximum 450mm joist centres domestic use. Max 350 centres heavy use, commercial installations. Always use stainless or ABS plastic clip system for warranty.
Environmental	Recycled plastic and wood powders make up 90% of the materials.
Water absorption	Minimal, less than 0.5% after 28 day submerge test.
Suitable for	Outdoor uncovered decking, outdoor covered decking, public areas, external walkways, swimming pool surrounds, salt effected environments. External ramps greater than 1;14 and swimming pool ramps.