FloorSure™ FLOORSURE CEMENT FLOOR BOARDS

Supplied by Ecobuild Solutions

www.floorsure.au

STRONG - STABLE - SAFE - SMART

A new class of high strength structural flooring for residential & commercial projects

What is FloorSure?

A 30mm high-strength cement floor board engineered to deliver superior load strength & capacity, stability, safety, smart performance and installation efficiency at an affordable price - Thereby, outperforming, concrete, AAC and fibre cement panels.

Attribute	FloorSure Board 30mm	Concrete Floor Panel 35mm	AAC Floor Panel 75mm	Fibre Cement Panel 22mm
Bending Strength (mean) - Dry	> 20 MPa	< 4 MPa	< 2 MPa excl steel reinforcement	>16 MPa
Bending Strength (mean) - Wet	> 14 MPa	< 4 MPa	N/A	>9 MPa
Max. Point Load at Joist Centre = 450mm: Residential (350mm²) / Commercial (0.01m²)	2.7 kN / 4.5 kN	1.8 kN / 2.7 kN	1.8 kN / 2.7 kN	1.8 kN / 3.6 kN
Max. Point Load at Joist Centre = 600mm: Residential (350mm²) / Commercial (0.01m²)	2.7 kN / 4.5 kN	1.8 kN / 2.7 kN	1.8 kN / 2.7 kN	1.8 kN / 2.7 kN
Max. UDL* at Joist Centre = 450mm	7.5 kPa	3.0 kPa	5 kPa	5 kPa
Max. UDL* at Joist Centre = 600mm	7.5 kPa	1.5 kPa	5 kPa	5 kPa

* = Uniformly Distributed Load

Thermal Mass (approx.)	60 kJ/m².K	50 kJ/m².K	42 kJ/m².K	26 kJ/m².K
Crystalline Silica Content	< 1%	< 1%	< 4%	< 10%
Cost (indicative) - Materials	$$	$$	$	$$$$
Cost (indicative) - Installation	$$	$$$	$$$$	$$

Why FloorSure Outperforms Concrete, AAC & Fibre Cement Panels

- Much higher strength (up to 5×)
- Superior load capacity at all joist spacings
- Easier & faster installation; superior flatness
- Delivers significantly higher thermal mass
- Safer (less than 1% silica)
- Competitively priced with lower installation costs
- Excellent, test-verified stability for long-term performance confidence









For more information, contact Ecobuild Solutions at 02 9981 3900 or floorsure@ecobuildsolutions.com.au / Website: www.floorsure.au

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Board Sizes:

- **Standard: 2700 x 600 x 30mm** – Weight per piece: 61kg
- Special Order: 2400 x 600 x 30mm – Weight per piece: 54kg

STRONG – Exceptional Structural Performance

- Independently tested and certified to meet NCC/BCA deemed-to-satisfy structural requirements for floor loadings to AS/NZS 1170.1 Table 3.1
- Excellent bending strength (MOR) when dry (>20 MPa) or wet (>14 MPa)
- High concentrated and uniformly distributed load ratings at 450 mm & 600 mm centres
- Outperforms concrete, AAC and fibre cement panels on strength metrics

STABLE – Durable & Sustainable

- Passed water permeability, frost resistance, heat-rain & soak-dry testing
- Stable in internal, external & wet area applications
- Very low moisture movement - on par with fibre cement
- Low-carbon production
- Low silica, long service life
- Highest in class thermal mass - ideal for NatHERS/BASIX

SAFE – Non-Combustible and Safe to Cut & Handle

- Non-combustible (AS 1530.1)
- Zero flame spread / zero ignitability (AS 1530.3)
- No asbestos
- Less than 1% crystalline silica - safer to cut and not subject to strict SafeWork rules
- No chloride ions, low VOC, no fungal growth

SMART – Versatile, Cost Effective & Easy to Install

- Highly versatile across a wide range of applications:
  - Residential and commercial construction
  - Internal, external and wet area applications
- Minimises overall cost of floor supply and installation
- High thermal mass improves energy efficiency and reduces heating/cooling costs
- Installation benefits:
  - Tongue and groove edges for rapid installation
  - Accurate manufacturing ensures a flat, uniform surface and minimises levelling work
  - Install using screws or nail-gun
  - Weight: 38 kg/m^2 - easy to handle
  - Takes all major floor coverings
  - Waterproofing-ready for wet and external areas

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