

THE LATEST INNOVATION IN CEMENT FLOOR BOARDS

Based on the latest advancements in cement and fibre-reinforcement technology, OxyMag 16mm & 19mm floor boards are **STRONGER, LIGHTER & CHEAPER** than Fibre Cement boards. More specifically, OxyMag floor boards have a greater flexural bending strength than thicker, heavier Fibre Cement (FC) boards. This results in a load capacity that is greater than FC boards.

- Independently tested and **certified to meet NCC/BCA DEEMED-TO-SATISFY structural requirements** for floor loadings to AS/NZS 1170.1 Table 3.1. See Oxymag Design & Load Tables* for more information
- Suitable for **RESIDENTIAL & LIGHT COMMERCIAL** applications - see Design & Load Tables*
- Suitable for **INTERNAL, EXTERNAL and WET AREA** applications
- **NON-COMBUSTIBLE** per AS 1530.1
- **Tongue-and-grooved** for easy installation
- Can be fixed with **screws or a nail-gun**
- **Green and eco-friendly** production
- **Non-toxic**
- **Mould, rot and termite resistant**
- **Free of potentially corrosion inducing chloride ions**
- For **residential applications**, OxyMag boards can be **installed with either the rough side or the smooth side up**. For commercial applications, installation must be with the rough side up.
- **Tested to relevant Australian Standards** - see Physical Properties Schedule*

*visit www.itiaustralia.com.au for more information



For more information, contact:

ITI NSW – Sydney: 02 8805 5000
John Cook & Sons – Sydney: 02 9833 0355
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 ITI QLD – Brisbane: 07 3436 8400

ITI VIC – Melbourne: 03 9392 8400
 ITI SA – Adelaide: 08 8447 0400
 ITI WA – Perth: 08 9256 5700

- **STRONGER**
- **LIGHTER**
- **CHEAPER**



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DEEMED-TO-SATISFY structural requirements

OXYMAG FLOOR BOARDS OUTPERFORM TYPICAL FIBRE CEMENT FLOOR BOARDS

- **Stronger** - OxyMag floor boards are fibreglass reinforced and, thus, have a superior flexural bending strength relative to typical FC floor boards. As a result, OxyMag offers floor solutions using both 16mm and 19mm thick boards which are comparable to thicker FC floor boards - See tables below.
- **Lighter** - OxyMag floor boards are up to 7kg lighter per board than comparable, thicker FC floor boards. This results in easier handling and faster installation
- **Cheaper** - By replacing FC floor boards with OxyMag floor boards, the builder can benefit from significant material cost savings. Easier handling and faster installation will also reduce labor costs.
- **More Versatile** - 16mm and 19mm OxyMag floor boards can be used internally, externally and in wet areas. Both OxyMag board thicknesses can be used for residential applications while 19mm OxyMag boards can also be used for light commercial applications. One board - multiple applications
- **Greener Production Process** - OxyMag floor boards have significantly less embodied energy than FC boards
- **Less Hazardous** - FC boards contain high levels (up to 60%) of crystalline silica (CS). When inhaled as dust particles, CS is classified as a hazardous chemical. It can lead to silicosis and/or contribute to lung cancer. OxyMag boards contain only trace elements of CS which do not pose a health risk

Board Type	Thickness mm	Max Joist Spacing mm	Modulus of Rupture (MOR)-Wet MPa	Concentrated Load on 450mm Joist Spacings Residential kN/350mm ²	Concentrated Load on 450mm Joist Spacings Commercial kN/0.01m ²	Uniformly Distributed Load on 450mm Joist Spacings kPa	Weight kg/m ²	% Heavier Than OxyMag
OxyMag 16mm Floors Internal & External	16	450	>16	1.8	N/A	3	20.0	
Typical Fibre Cement Boards	19	450	>7	1.8	N/A	2	24.5	23%

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OxyMag 19mm Floors Internal & External	19	450	>13	1.8	2.7	4	23.7	
Typical Fibre Cement Boards	19	450	>7	1.8	N/A	2	24.5	3%
Typical Fibre Cement Boards	22	600	>7	1.8	3.6	5	28.3	19%

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