

## 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 bending strength than thicker, heavier Fibre Cement (FC) boards. This results in a load capacity that is far 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](http://www.itiaustralia.com.au) for more information



For more information  
contact ITI NSW:

Sydney: 02 8805 5000

Newcastle: 02 4953 7666

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



Independently certified to meet NCC/BCA  
DEEMED-TO-SATISFY structural requirements

## OXYMAG FLOOR BOARDS OUTPERFORM TYPICAL FIBRE CEMENT FLOOR BOARDS

- **Stronger** - 16mm OxyMag floor boards outperform typical 19mm FC floor boards and 19mm OxyMag floor boards outperform typical 22mm FC floor boards. As shown in the table below, typical 19mm FC floor boards have an average wet MOR (Modulus of rupture) of >7 Mpa (megapascal). 16mm OxyMag floor boards have a wet MOR >16 Mpa. As a result, OxyMag floor boards can substitute thicker FC boards while still achieving a stronger floor solution.
- **Lighter** - OxyMag floor boards are up to 7Kg lighter than equivalent, thicker FC floor boards. This results in easier handling and faster installation
- **Cheaper** - By substituting thicker FC floor boards with thinner OxyMag floor boards, the builder can benefit from significant 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. They can also be used for residential and 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 Span mm	Modulus of Rupture (MOR)-Wet MPa	Concentrated Load on 450mm Joist Spans Residential kN/350mm2	Concentrated Load on 450mm Joist Spans Commercial kN/0.01m2	Uniformly Distributed Load on 450mm Joist Spans kPa	Weight Kg/m2	% Heavier Than OxyMag
<b>OxyMag 16mm Floors Internal &amp; External</b>	<b>16</b>	<b>450</b>	<b>&gt;16</b>	<b>1.8</b>	<b>2.7</b>	<b>21</b>	<b>20.4</b>	
Typical Fibre Cement Boards	19	450	>7	1.8	N/A	2	24.5	20%

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<b>OxyMag 19mm Floors Internal &amp; External</b>	<b>19</b>	<b>600**</b>	<b>&gt;13</b>	<b>2.7</b>	<b>3.6</b>	<b>25</b>	<b>24.2</b>	
Typical Fibre Cement Boards	19	450	>7	1.8	N/A	2	24.5	1%
Typical Fibre Cement Boards	22	600	>7	1.8	3.6	5	28.3	17%

\*\*For residential applications only

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