

OXYMAG

EXTREME STRENGTH - LIGHT WEIGHT

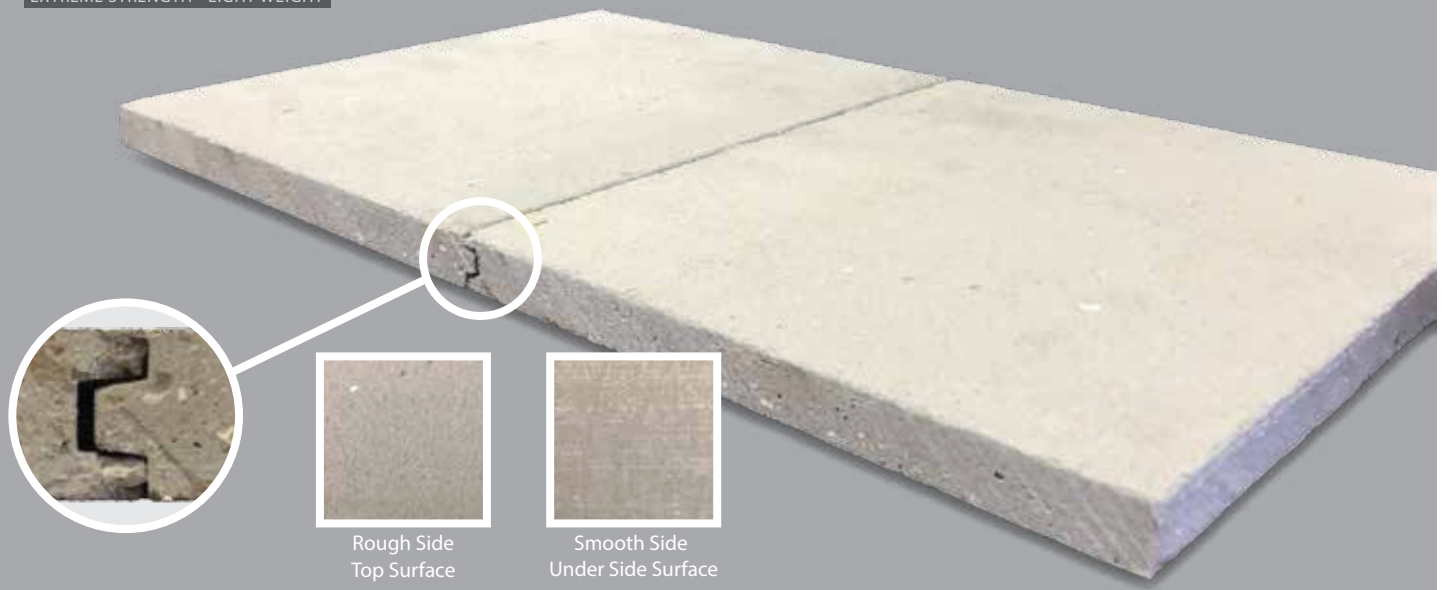
THE LATEST INNOVATION IN CEMENT FLOOR BOARDS

Based on the latest advancements in cement and fibre-reinforcement technology, Oxymag 16mm & 19mm floor boards offer EXTREME STRENGTH that is LIGHT WEIGHT and COST EFFECTIVE. 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.

Oxymag floor boards offer a "one size fits all" solution to the floor substrate market.

- Suitable for **RESIDENTIAL & LIGHT COMMERCIAL** applications - Refer Design/Load Tables
- Suitable for **INTERNAL, EXTERNAL** and **WET AREA** applications
- **NON-COMBUSTIBLE** per AS/NZS 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**
- **Tested to Australian Standards** – Refer to Physical Properties schedule.

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**For more information
contact:**

John Cook & Sons
Sydney: 02 9833 0355



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- **EXTREME STRENGTH**
- **LIGHT WEIGHT**
- **COST EFFECTIVE**



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 exceeding 19 MPa – 2.7 times greater than typical 19mm FC boards. 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 20% lighter than equivalent, thicker FC floor boards. This results in easier handling and faster installation
- **More cost effective** – 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
- **Eco-friendly Production** – Oxymag’s primary ingredient is magnesium oxide which is derived from magnesite. This is a naturally occurring mineral available in huge deposits and is easily accessible. FC floor boards contain Portland cement. The production of Portland cement is estimated to be responsible for 7% to 10% of the world’s CO2 emissions. This is second only to electricity generation.
- **Less Hazardous** – FC boards contain high levels (up to 60%) of crystalline silica (CS). When inhaled as dust particles, crystalline silica is classified as a hazardous chemical. It can lead to silicosis and/or contribute to lung cancer. Oxymag boards are comprised almost entirely of non-hazardous materials.

Board Type	Thickness	Max Joist Span	Modulus of Rupture (MOR)-Wet	Concentrated Load on 450mm Joist Spans Residential	Concentrated Load on 450mm Joist Spans Commercial	Uniformly Distributed Load on 450mm Joist Spans	Weight	% Heavier Than Oxymag
<i>Unit</i>	<i>mm</i>	<i>mm</i>	<i>MPa</i>	<i>KN/350mm2</i>	<i>KN/0.01m2</i>	<i>KPa</i>	<i>Kg/m2</i>	<i>%</i>
16mm Floors Internal & External	16	450	>19	1.8	2.7	10	20.4	
Typical Fibre Cement Boards	19	450	>7	1.8	N/A	2	24.5	20%

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Oxymag	19	600*	>16	2.7	3.6	12	24.2	
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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