

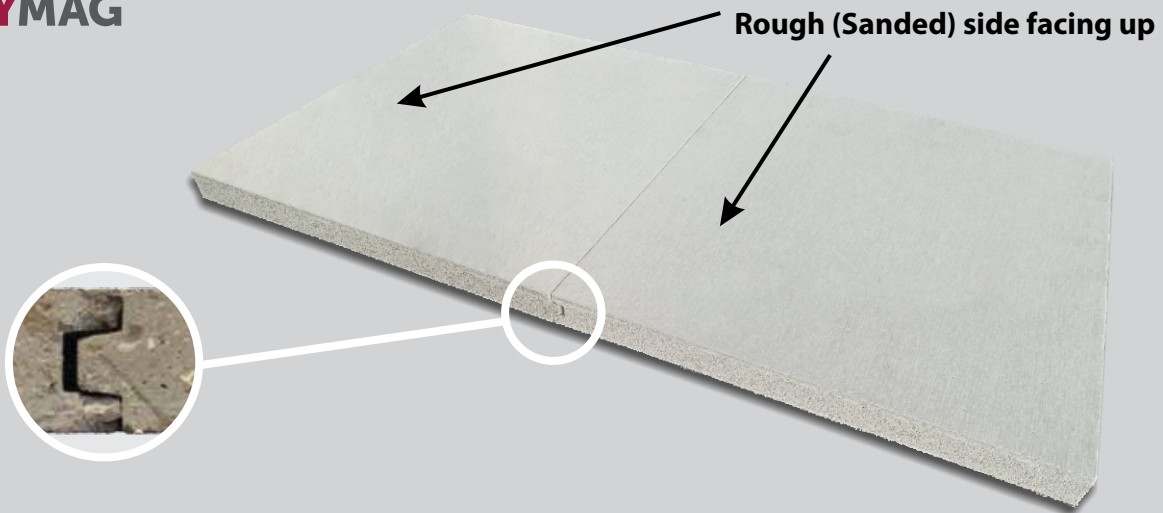
THE LATEST INNOVATION IN CEMENT FLOOR BOARDS

Based on the latest advancements in cement and fibre-reinforcement technology, OxyMag 16mm, 19mm and 22mm floor boards are **STRONGER, LIGHTER, CHEAPER & SAFER** than **Fibre Cement boards**. Notably, 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 & COMMERCIAL** applications - see Design & Load Tables*
- Suitable for **INTERNAL, EXTERNAL and WET AREA** applications
- **NON-COMBUSTIBLE** per AS 1530.1
- **Less than 1% Crystalline Silica** - Thus, safe/non-hazardous for workers to use/cut and not subject to Safe Work Australia's stringent work requirements.
- **Tongue-and-grooved** for easy installation
- Can be fixed with **screws or a nail-gun**
- **Green and eco-friendly** production
- **Mould, rot and termite resistant**
- **Free of potentially corrosion inducing chloride ions**
- **Tested to relevant Australian Standards** - see Physical Properties Schedule*

INSTALLATION NOTE: OxyMag floor boards incorporate an advanced cement formulation designed to provide improved resistance to moisture-related degradation during normal installation periods. This does not remove the requirement for temporary weather protection during installation which remains the responsibility of the builder / installer in accordance with the OxyMag Installation Guide*

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



For more information, contact:

ITI NSW – Sydney: 02 8805 5000
ITI NSW – Newcastle: 02 4953 7666
ITI QLD – Brisbane: 07 3436 8400

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



itiaustralia.com.au

Brands to build with®

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



Independently certified to meet NCC/BCA
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 cement floor boards 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.
- **Less than 1% Crystalline Silica (CS) = Not Hazardous** - CS, when inhaled as dust particles, is a significant health hazard to workers which can lead to serious lung diseases such as silicosis and lung cancer. Fibre Cement boards contain significant levels of respirable CS and, thus, their use must adhere to the stringent work requirements issued by Safe Work Australia in order to keep workers safe. In contrast, OxyMag boards contain less than 1% CS and, thus, they are safe for workers to use/cut and Safe Work Australia's stringent work requirements do not apply.
- **More Versatile** - OxyMag floor boards can be used internally, externally and in wet areas. All OxyMag board thicknesses can be used for residential applications while 19mm and 22mm OxyMag boards can also be used for commercial applications. One board - multiple applications
- **Greener Production Process** - OxyMag floor boards have significantly less embodied energy than FC boards

Cement Floor Board - Thickness	Joist Centres mm	Bending Strength (MOR) - Wet MPa	Concentrated Action - Residential kN/350mm ²	Concentrated Action - Commercial kN/0.01m ²	Uniformly Distributed Action kPa	Weight kg/m ²
OxyMag - 16mm	450 (max)	>19	1.8	N/A	3	20.0
Typical FC - 19mm	450 (max)	>7	1.8	N/A	2	24.5
OxyMag - 19mm	450 (max)	>16	1.8	2.7	4	23.7
Typical FC - 22mm	450	>7	2.7	3.6	5	28.3
OxyMag - 22mm	450	>15	2.7	4.5	7.5	27.5
Typical FC - 22mm	600 (max)	>7	1.8	2.7	4	28.3
OxyMag - 22mm	600 (max)	>15	1.8	2.7	4	27.5

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