

**NEW Addition to FireCrunch product range**

**Tongue & Groove High Density Structural Flooring & Decking Board**



## Introducing "NEW HIGH DENSITY" 20mm Magnesium-Oxide (MgO) Internal/External Tongue & Groove STRUCTURAL FLOORING & DECKING



Australian Certified



### Key Benefits

- ABCB standard CodeMark certified.
- 120 minutes fire resistance level (FRL).
- Bush Fire BAL FZ (Flame Zone) approved & certified.
- Competitively priced.
- About 30% less in both weight and in cost than compressed fibro flooring per square metre.
- Provides a tough surface.
- Tongue & Groove edges.
- Install at up to 600mm centres.
- Water resistant & termite proof.
- The smooth finish makes it suitable for a variety of finishes including flooring paints, textured coatings and tiles.
- Adds acoustic insulation.
- 10 Year Product Warranty.
- 20mm thick, 2700mm long & 600mm or 900mm wide.
- Can use normal timber building tools. No special blades or tips.
- No pre-drilling required.
- Manuals, span tables and assistance all available from the [firecrunch.com.au](http://firecrunch.com.au)
- Easy to use.
- Non toxic and mould resistant.

Our new HD 20mm T&G FireCrunch is superior structural flooring and decking for use in tiled, wet, semi-wet and dry Areas and costs considerably less than compressed fibro flooring. and of course, like all FireCrunch, it's certified Fire Resistant for all Bushfire Attack Levels to the **MAX BAL (FZ) "Flame Zone"** .

Designed for serious floors and decks, FireCrunch HD 20mm T&G Board, is stronger, light weight, easy to use and install, and doesn't need to be exterior sealed at installation.

FireCrunch HD 20mm T&G board has been manufactured with embedded water retardants and designed to be used in both external and internal applications such as structural flooring under tiles, marble, slate or granite in wet and dry areas.

FireCrunch is an Australian certified magnesium oxide board. There are many benefits to using FireCrunch for all your sheeting needs. Flooring and decking are just two of the many uses this versatile and innovative product offers... check out our website for more ways FireCrunch can perform for your project.

### FireCrunch Span Table - External Flooring/Decking

Load deflection performance of FireCrunch 20mm High Density (HD) floor sheeting over timber joisting at 600mm centres and unsupported along the edges (spans of 600mm).

For full info email: [sales@firecrunch.com.au](mailto:sales@firecrunch.com.au) or [technical@firecrunch.com.au](mailto:technical@firecrunch.com.au)

Panel No.	Deflection @ 1.8kN per mm	Deflection @ 2.7kN per mm	Deflection @ 4.5kN per mm	Load @ 1.0mm Deflection	Load @ 1.5mm Deflection	Load @ 3.0mm Deflection	Load Failure	Effective kN / Newtons
1	1.4	2.2	4.7	1.3	1.9	3.4	5.3	5.3
2	1.3	2.0	3.6	1.4	2.1	3.9	-	5.8
3	1.4	2.1	4.4	1.4	2.0	3.6	5.6	5.6

\* Load rating data provided by Brick & Mortar Research Laboratory - Melbourne VIC - October 2014



### WET AREA SAFE

FireCrunch HD is an extremely dense, hard-wearing and long lasting building sheet that is resistant to permanent water damage when installed and maintained correctly. This makes it the smart choice for laundries, kitchens, bathrooms, floors and decking in both domestic and commercial projects. FireCrunch is also ideal as a substrate for tiling, marble, slate or granite in wet and dry areas.



### FIRE ZONE APPROVED

FireCrunch is totally fire resistant. It will not burn in a fire storm. FireCrunch is applicable in **BAL 12.5 to 40 and FZ flame zone** regulation areas when used to protect exposed timber framing, eaves, joists etc. Tested by the CSIRO to worst case scenario fire storm conditions. **Meets AS/NZS 1530.1, 1530.2, 1530.3, 1530.4, 1530.8.1 & 8.2, AS/NZS 3959 and AS/NZS 3837.**



### TERMITE FREE

One of the biggest issues for Australian homes is Termites. FireCrunch is made from an uniquely formulated, non-toxic fibre composite mix so is impervious to termites and insects. (TOTALLY PROTECTS EXPENSIVE TIMBER FRAMING)



### ENVIRONMENTAL

Cement board and plasterboard manufacturing use kiln temperatures in excess of 1300°C. FireCrunch is produced at temperatures around 650°C therefore producing 50% less CO 2 and during the manufacturing process, in carbonation, FireCrunch draws back 90% of the CO 2 used to produce it and makes it a virtually carbon neutral product.

### CERTIFICATION

FireCrunch has been tested by the CSIRO.

### FIRECRUNCH AVAILABILITY

FireCrunch is available now in NSW, QLD and VIC from selected Mitre 10 and commercial stockists. ( Enquiries)

our website for more details. [www.firecrunch.com.au](http://www.firecrunch.com.au)  
[sales@firecrunch.com.au](mailto:sales@firecrunch.com.au)



For more information please contact us

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