



FACT SHEET

Direct product COSTS

1. CFC value comparisons in 16mm to 20mm sheeting flooring and decking substrate FCA is approx. 40% less in cost
 2. CFC in 10mm is similar in price Blue board Villa board etc however cuts with timber tools not expensive diamond tipped water cooled saws and routers, cuts expensive labour installation time
- **Maintenance**
- 3 MgO magnesium oxide is Impervious to termites
 - 5 Paper based plaster board harbors bacteria and allows mildew and mould to grow
 - 6 Paper based plaster board will degrade in water or flooding, high labour replacement cost
 - 7 MgO FireCrunch will dry out in a few days and with light sand and re seal can be repainted
 - 8 Mgo FireCrunch is 10 times stronger then plaster board and unaffected by usual high impact plaster board type damage.
 - 9 MgO FireCrunch provides a class 5 top grade commercial finish with primer sealer and two top coats
- Unique Quality (Non corrosive Mchl2)
- 10 **Fire Crunch unlike all other MgO products does NOT any contain corrosive magnesium chloride (Mchl2) which has caused issues in some areas of construction. Fire crunch has replaced (Mchl2) with an alternative (IP) mineral product which eliminates steel corrosion in concrete form work.**
- ### Health
- 11 MgO kills bacteria, ideal for homes schools hospitals medical centres retirement homes etc
 - 12 Eliminates infestation of insects termites and mould in wet and humid areas
- **All Australian Certification**
- 13 FireCrunch is CSIRO tested to max bush fire BAL FZ and well beyond in FRL 90/90/90 and meets AS 1530.4-2005, Group 1 highest Australian rating Load bearing

- 14 FireCrunch is NATA Laboratory load bearing and deflection tested by Brick and Mortar Melbourne to 5.3 kN over 600mm joists and 6.2kN over 450mm
- 15 FireCrunch is a NATA tested approved product for Non asbestos Content by Clearsafe NSW

Eco Benefits

- 16 Low Co2 greenhouse emission during manufacture, kiln temperatures for MgO 650 deg c compared plaster board cement 1300 deg c, so 50% less Co2 created during Mfg , but during 21 day curing in carbonation MgO draws back 90% of the Co2 created making FireCrunch almost carbon neutral. (New Scientist / USA) magnesia products

17 Helps meet Federal Government policy undertakings of alternative low emission Co2 target



Firecrunch PRODUCT COMPARISON

| Attributes | FireCrunch | Gypsum Board | Plywood/OSB | CFC Cement |
|-------------------------------------|------------|--------------|-------------|------------|
| Fire Resistant & Non-Combustible | ✓ | ✗ | ✗ | ✓ |
| Water & Moisture Resistant | ✓ | ✗ | ✗ | ✓ |
| Mold & Mildew Free | ✓ | ✗ | ✗ | ✓ |
| Insect Resistant | ✓ | ✗ | ✗ | ✓ |
| Nail / Screw | ✓ | ✓ | ✓ | ✓ |
| Cut/Saw – Use timber tools | ✓ | ✓ | ✓ | ✗ |
| Wallpaper over | ✓ | ✓ | ✗ | ✗ |
| Tile Backer | ✓ | ✗ | ✗ | ✓ |
| Insulation | ✓ | ✗ | ✗ | ✓ |
| Sound & Heat | ✓ | ✗ | ✗ | ✗ |
| Environmentally 'Green' & Non-Toxic | ✓ | ✗ | ✗ | ✗ |
| Strong & Durable | ✓ | ✗ | ✓ | ✓ |
| Light Weight | ✓ | ✓ | ✗ | ✗ |
| Recyclable | ✓ | ✗ | ✗ | ✗ |

FIRECRUNCH BOARD

For more information go to www.firecrunch.com.au

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