

## TECHNICAL DATA SHEET (TDS)

### Description

Firezone is a non combustible panel, when used in the Firezone system can achieve a FRL60/60/60. Ideal for town house developments and construction where a fire rated party wall is required. Firezone uses the innovative shiplap technology to simplify the construction process, saving time and costs.

#### ADVANTAGES

- No specialised or expensive tools required
- Lightweight
- Simple installation
- No need for specialised trades

#### USES

- Townhouses
- Intertenancy walls
- Party walls
- Cladding

### Installation

To meet all tested and approved regulations, Firezone must be installed as per the latest install guide available for download from the CBMA website. Failure to install as per the install guide will void any product warranty.

### Product Properties

Firezone panels are tested and developed to meet the Australian markets. Firezone is developed using Magnesium Oxide technology, which not only provides high fire resistance, but also, impact and mould resistant. Firezone panels are embedded with fibreglass mesh to provide additional strength.

PROPERTIES	SPECIFICATION	MANUFACTURING TOLERANCE	STANDARD
Dimensional - Overall Coverage	2730mm x 630mm x 22mm 2700mm x 600mm x 22mm	Width: +/- 1.5mm Length: +/- 1.5mm	AS2908.2
Profile	Shiplap - 30mm all edges		
Characteristics	Pink in colour		
Weight (Approx)	26.5kg / m <sup>2</sup>		
Modulus of Rupture (Wet)	7.5 MPa		AS2908.2

All panels are tested for Asbestos (not present) and other hazardous properties. Firezone contains less than 2% of crystalline silica. Please refer to the Safety Data Sheet for more information.

## TECHNICAL DATA SHEET (TDS)

### Cutting, Drilling and Sanding

Firezone panels contain Fibreglass mesh, that may cause irritation or adverse effects when in contact with skin or inhaled.

CBMA highly recommend that precautions are taken while cutting and handling panels. CBMA recommend that all state and/or site health and safety requirements are followed when using the panels or working on site.

Firezone contains less than 2% of crystalline silica and the user must ensure that full work and safety requirements are followed. For dust levels exceeding the NES (exposure standards) / TWA limits further safety controls must be taken such as increased respirator or dust control.

When carrying or handling Firezone panels, it is recommended to wear gloves and long sleeves, to eliminate irritation from panels rubbing against skin. This is important when handling high volumes of products.

It is recommended that dust masks or respirators are worn when cutting or drilling panels, and/or a dust extraction unit attached to the saw, to avoid inhaling airborne particles.

#### DO

- Use dust extractors when cutting panels
- Use protective gloves
- Use eye protection when cutting panels
- Use long sleeves when handling panels.

#### DO NOT

- Cut panels in enclosed places
- Cut panels in areas with no air flow
- Rub panels on raw skin
- Cut panels facing into the wind

### Carrying and Storing

When carrying panels, good health and safety practice should be engaged. When moving the panels should be carried on the edges. They should not be carried flat. Avoid rubbing of the panel on skin as this may cause skin irritation, this is important when handling high volumes of product.

Store all panels on a flat surface and avoid contact with ground. Where possible, leave the product in its original packaging until required.

When left in the weather, it is recommended to cover the products from the elements, such as rain. When installed, the Firezone system is to be protected from the weather within 6 months. Firezone panels are not to be immersed in water. Slabs where Firezone is installed should be designed and poured to avoid any pooling of water.

### Disposal

All panels can safely be disposed of at approved council landfills. Do not dispose of illegally. A Material Safety Data Sheet (MSDS) can be requested by contacting CBMA.