

**Non-combustible  
roof and wall insulation**  
**Class 4 Vapour Permeable**  
For use in Type A and B  
fire resisting constructions  
In ABCB Climate Zones 2-8

Australian Patent Pending



CeaseFire™ is an advanced vapour permeable wall and roof membrane designed specifically as a non-combustible pliable building membrane for use in Type A and B fire resisting constructions and in all construction types where superior passive fire performance and vapour permeability is a priority.

Classified as Class 4 Vapour Permeable, the advanced hydrophobic infusion blocks liquid water and air movement while allowing water vapour diffusion through the wall structure. CeaseFire™ also contributes to a well-sealed building for maximum energy efficiency. The E-Glass weave provides an Extra Heavy Duty and is not deemed combustible.

- > Non-combustible
- > Class 4 Vapour Permeable
- > Ember-proof and suitable for all BAL zones
- > Water and Air Barrier
- > High strength and puncture resistant
- > Chemically inert / long life components

### Application

CeaseFire™ is suitable for all NCC building classes in commercial and single or multi-storey residential fire resisting external wall constructions in regions of Australia south of the Tropic of Capricorn (ABCB Climate Zones 2-8), where both condensation management (*NCC 2019 Vol. One F6.2*) and non-combustible construction (*NCC 2019 Vol. One C1.9 and Vol 2, C3.7.1.1*) are required.

For ABCB climate zone 1 and north of the Tropic of Capricorn in Climate Zone 2, substitute with FireSark™ Vapour Barrier sarking and wall wrap.

### Vapour Control

CeaseFire™ has the following vapour control properties when tested in accordance with *AS/NZS 4200.1:2017*.

Vapour Permeance: 1.5767 µg/N-s  
Vapour Resistance: 0.634 MN-s/g  
WVTR: 191.32 g/m<sup>2</sup>-24hr

A detailed hygrothermal analysis is recommended for moisture control in building design.

### Construction

CeaseFire™ is a flexible single-layer membrane made with non-combustible E-glass fabric and treated with a hydrophobic flame and chemical resistant polymer infusion. The infused micro-structure enables CeaseFire™ to achieve Class 4 Vapour Permeable classification, while preventing the passage of liquid water, and air movement.



> Single layer impregnated E Glass fabric

### Declared Total System R-Values

#### Residential Roof

22° pitch  
with CeaseFire™, unventilated

Winter **R<sub>t</sub> 0.57**

Summer **R<sub>t</sub> 0.74**

#### Profile Metal Cladding

fixed to battens  
with CeaseFire™ + R2.7 fibrous batt

Winter **R<sub>t</sub> 2.82**

Summer **R<sub>t</sub> 2.68**

R-values apply to typical conditions for mainland Australian capital cities and have been calculated by an independent consulting engineer, in accordance with *AS/NZS 4859.1:2018*. For detailed design of building systems readers are advised to seek advice from a qualified engineer, based on actual site conditions.

The contributions of this product to the total system R-value depends on installation and environmental conditions.

