



Foamed Vermitex is a site mixed inorganic cementitious based product, primarily designed to impart the fire resistance to structural elements. It has been tested in accordance with Australian Standards AS 1530 Parts 3 and 4: Methods for fire tests on building materials, components and structures.

## FOAMED VERMITEX

### Composition and Manufacture

Foamed Vermitex is an expensive lightweight aggregate; a water based aerated foam, inorganic hydraulic binders and special additives used to impart unique rheological properties.

All components are manufactured under factory controlled conditions. They are delivered in 'batch' form to the site for mixing to the required consistency before application. Please Note: The product will foam on site.

### Accessories

A suitable mixer, foam generator and Mono/Secom type pump should be employed. The Plant should conform to designs specified by L & A Fazzini Manufacturing Pty Ltd.

### Density

The density of the product can be varied according to service requirements and method of placement.

### Typical Test Results kg/m<sup>3</sup>

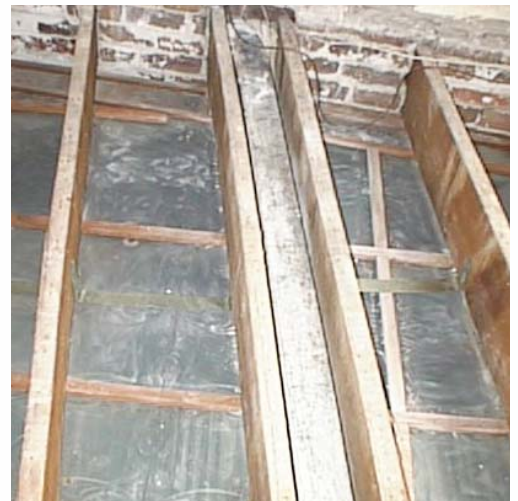
Wet mixed and placed: 250-400

Cured and air dried: 200-350

Air dried densities up to 500kg/m<sup>3</sup> are possible by varying the mix design.

### Appearance

When wet mixed, it appears as an off-white thixotropic foam, similar in flow behaviour to 'shaving foam'. Cured and air dried, Foamed Vermitex forms a solid, off-white honeycombed matrix.





## FOAMED VERMITEX

### Fire Resistance

Fire resistance tests have also been performed successfully to AS 1530 Part 4 (1990) on building structures and components fire protected with Foamed Vermitex, using the void filling technique.

Tests on various timber floor construction systems treated with Foamed Vermitex confirmed that it provided such protection that the floor satisfied stability, integrity and insulation criteria for one (1) hour.

### Storage

Foamed Vermitex bags must be kept dry until ready for use, and can be stored for up to 6 months under good, dry conditions. The bags should be stored covered, off the ground, and away from wet or damp surfaces or areas of very high humidity.

### Health Statement

Foamed Vermitex has been successfully screened for Asbestos and other fibres. It presents no known health and safety hazard before, during or after application. The normal precautions relevant to handling plaster based products apply; a dust mask and eye protection should be worn, and sensitive skin should be covered.

For more information on Foamed Vermitex and other products in our range, please contact:

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