

## Technical Data Sheet

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**Product Name:**

# FireWool™

**Description:**

FireWool™ ceramic fiber blanket for applications requiring thermal management, and passive fire protection. It is widely used in the construction sector, power generation facilities, iron and steel, Aluminum /non-ferrous metal, glass, ceramic, and aerospace industries to prevent high temperature thermal and acoustic transfer.

**Typical Use:**

Firestopping to the roofline and end wall connections of central barrier intertenancy walling systems.

**Features:**

- Low thermal conductivity
- Good heat and chemical stability
- Thermal shock resistance
- Tensile strength
- Good thermal insulation
- Noise reduction
- Fire proof
- Easy installation

**Technical Data:**

Thickness:	25mm	50mm
Length:	7.2 Lm	3.6 Lm
Width:	100mm	
Type:	Ceramic fibre blanket	
Classified temperature:	1260	
Working temperature:	1050	
Colour:	White	
Density:	128 kg / m <sup>3</sup>	
Linear shrinkage:	- 4	
Chemical Composition:	Al <sub>2</sub> O <sub>3</sub> - 46%	
Al <sub>2</sub> O <sub>3</sub> + SiO <sub>2</sub>	97%	
FE <sub>2</sub> O <sub>3</sub>	< 1.0	
Na <sub>2</sub> O + K <sub>2</sub> O	< 0.5	
Testing:	CSIRO firelab, Melbourne, Australia. Non - combustible according to Clause 3.4 of AS 1530.1-1994.	

**General information:**

Material must remain dry, or if it gets wet allow to dry before installing into an enclosed space. Install immediately prior to wall and roofing installation.

**Environmental and Safety**

Ensure that any excess product is disposed off at the appropriate Refuse Stations. The ceramic blanket fibres are an irritant and appropriate PPE must be worn at all times when handling. Protect all exposed skin.

**PPE** - Gloves, goggles, mask, disposable arm wraps.

Material Safety Data Sheets are available upon request or access directly from <https://reseneconstruction.co.nz/technical-library/safety-data-sheets/>