

# FIREPRO CENTABUILD

HEAD OFFICE: AUCKLAND (09) 579 0367  
 WELLINGTON (04) 568 7086 • CHRISTCHURCH (03) 379 9364  
[www.firepro.co.nz](http://www.firepro.co.nz) [sales@firepro.co.nz](mailto:sales@firepro.co.nz)



**Bradford**  
 Insulation™

## Fibertex-820 Rockwool

## Data Sheet

### Product Description

Bradford Fibertex-820 is a robust, high density mineral wool semi-rigid sheet with remarkable resistance to shrinkage at elevated temperature levels. It is manufactured from a molten mixture of natural rock and recycled blast furnace waste products, bonded with a thermosetting resin.

When tested in accordance with AS 1530: Part 3 – 1976, Fibertex-820 has the following Early Fire Hazard Indices:

|                 |   |
|-----------------|---|
| Ignitability    | 0 |
| Spread of Flame | 0 |
| Heat Evolved    | 0 |
| Smoke Developed | 0 |

### Application

Lightweight furnace lining, fire protection of plant and equipment, insulation component of fire-rated bulkheads and deckheads, thermal insulation of plant and equipment operating at temperatures between 650°C and 820°C.

weld pins and securing with speed clips. Because of the semi-rigid nature of Fibertex-820, it does not easily conform to curved surfaces. Slitting, kerfing or cutting into segments may be necessary.

Bradford Fibertex-820 is easily installed by impaling the sheets on

For safe handling instructions please refer to MSDS sheet.

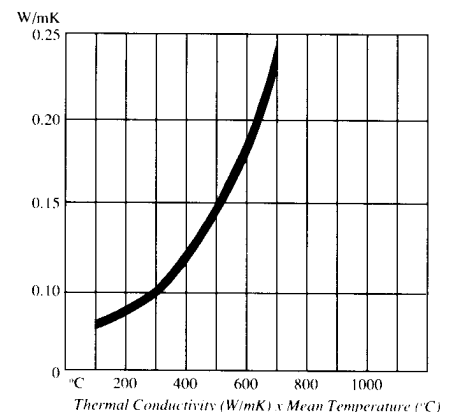
### Standard Sizes and Packaging

| Thickness (mm) | Nominal Weight per m <sup>2</sup> (kg) | Sheet Size (mm x mm) | Pieces/Pack |
|----------------|--|----------------------|-------------|
| 38             | 4.18                                   | 1500 x 900           | 4           |
| 50             | 5.50                                   | 1500 x 900           | 3           |
| 75             | 8.25                                   | 1500 x 900           | 2           |

### Thermal Conductivity and Maximum Service Temperature

The thermal conductivity of Bradford Fibertex-820 varies with the mean temperature of the insulation as shown in the graph. The curve is based on the measurements made in accordance with BS 874 – 1973.

Maximum service temperature is 820°C.



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## Moisture Resistance

Exposure of Fibertex-820 to a controlled atmosphere of 50°C and 95% relative humidity for 96 hours results in moisture absorption of less than 0.2% by volume.

Should Fibertex-820 become wet, full thermal efficiency will be restored on drying out.

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## Corrosion Resistance

Bradford Fibertex-820 is faintly alkaline and incapable of corroding steel. To maintain this condition, protection must be provided against contamination from external sources.

When tested in accordance with BS 3958: Part 5 – 1969, Fibertex-820 has a pH of 7.5-9.0.

## Firepro Centabuild Ltd

8 Botha Road, Penrose, Auckland, Ph 09 5790367, Fax 09 5792511.  
Unit 8A, 33 Pito-One Road, Korokoro, Wellington, Ph 04 5687086, Fax 04 5860974.  
23 Byron Street, Sydenham, Christchurch, Ph 03 3799364, Fax 033799380.

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