

FIREPRO CENTABUILD

HEAD OFFICE: AUCKLAND (09) 579 0367
CHRISTCHURCH (03) 379 9364

www.firepro.co.nz 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. It is available as semi-rigid sheets.

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.

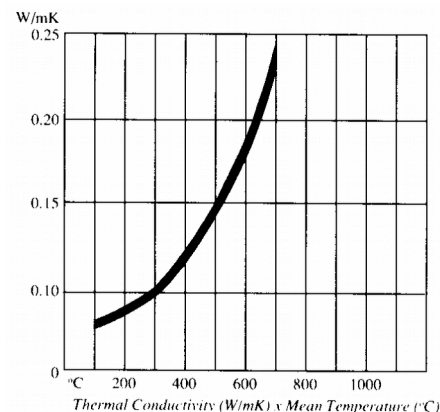
Standard Sizes and Packaging

| Thickness (mm) | Nominal Weight per m ² (kg) | Sheet Size (mm x mm) | Pieces/Pack |
|----------------|--|----------------------|-------------|
| 50 | 5.50 | 1200 x 600 | 3 |
| 75 | 8.25 | 1200 x 600 | 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.

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.

NOTE: The technical information and suggestions for use and application presented herein represent the best information available to us and are believed to be reliable. If used beyond the situations detailed on this datasheet we advise confirming their suitability before installation. All dimensions are nominal.

We reserve the right to make changes or to withdraw designs and products without notice.