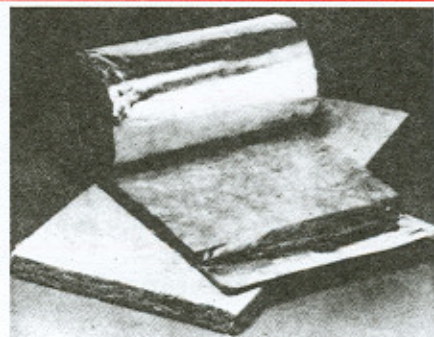


**CSR****Bradford  
Insulation****Fibertex-B60 Building Blanket**  
**Fibertex-R60 Rigid Board****Rockwool Data Sheet****Product Description**

Fibertex-B60 and R60 are lightweight mineral fibre for thermal and acoustic insulation, specially designed for building application. They consist of long, fine fibres spun from molten natural rock bonded by thermosetting resin.

Fibertex-B60 is supplied in flexible roll form for ease of installation over large areas.

Fibertex-R60 is supplied as semi-rigid sheet for applications where a stiffer, more rigid product is desirable.

*Fibertex-B60, R60 Rockwool***Applications**

Fibertex-B60 provides superior thermal and acoustic performance when installed under metal sheet roof and wall cladding to reduce heat gaining and rain noise.

Fibertex-R60 should be used as resilient layer in floating floor in order to absorb impacts induced vibration through building structure.

Both products should be used for filling in concrete soffit, external wall, spandrel panel, cavity partition, and lining as sound absorbent of machine room enclosure.

**Standard Sizes & Packaging**

Thickness (mm)	Sheet Size (mm x mm)	Pieces/ Pack	Blanket Size (mm x mm)	Pieces/ Pack
30	1200 x 600	10	7500 x 1200	1
40	1200 x 600	6	7500 x 1200	1
50	1200 x 600	6	7500 x 1200	1
60	1200 x 600	5	5000 x 1200	1
70	1200 x 600	4	5000 x 1200	1
80	1200 x 600	3	2000 x 1200	1
90	1200 x 600	3	2000 x 1200	1
100	1200 x 600	3	2000 x 1200	1
120	1200 x 600	2	2000 x 1200	1
150	1200 x 600	2	2000 x 1200	1

**Note:** Not all of these standard sizes are held in stock. Some are subject to minimum order quantities. Standard packaging is shrink-wrapped.

**Factory Applied Facings**

Both products are available to order with wide ranges of factory facings such as various grades of aluminium foil, fibreglass cloth, flex-skin (polyester) laminate.

**Nominal Density**

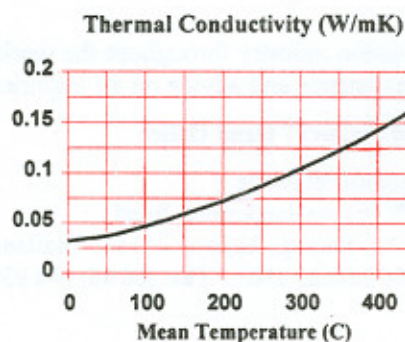
60 kg/m<sup>3</sup> (3-3/4 lb/ft<sup>3</sup>).

**Maximum Service Temperature**

Recommended operating temperature up to 350 °C (662 °F)  
Capability of handling intermittent temperature up to 1000 °C (1832 °F)

**Thermal Conductivity**

0.034 W/mK at 20 °C mean temperature (0.235 Btu in/ft<sup>2</sup>h°F at 68 °F)



Thickness (mm)	Thermal Resistance	
	m <sup>2</sup> K/W	ft <sup>2</sup> h°F/Btu
50	1.47	8.4
60	1.77	10.0
70	2.06	11.7
80	2.35	13.4
90	2.65	15.0
100	2.94	16.7

**Microbial Resistance**

Bradford Rockwool should not support microbial growth such as bacteria and fungi.



## Fire Performance

Fibertex-B60, R60 achieve four zero of Early Fire Hazard Indices when tested with AS 1530:Part 3;1976 (same as BS 476:Parts 5, 6 and 7;1967) for non-combustible material.

Ignitability	(0-20)	0
Spread of Flame	(0-10)	0
Heat Evolved	(0-10)	0
Smoke Developed	(0-10)	0

## Moisture Resistance

Exposure to an atmosphere of 50 °C and 95% relative humidity for 96 hours results in moisture absorption of less than 0.2% by volume. Should insulation become wet, full thermal efficiency will be restored on drying out.

## Corrosion Resistance

Fibertex-B60, R60 are faintly alkaline and not accelerated with steel, copper, or aluminium. When tested in accordance with BS 3958: Part 5; 1969, results in range of pH 7.5 to 8.0. They contain less than 15ppm soluble chlorides.

## Acoustic Properties

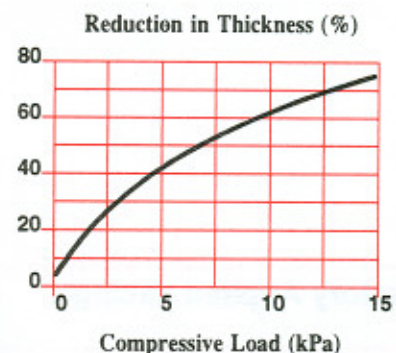
When tested in accordance with AS 1045;1971 will get sound absorption coefficient:

Thickness (mm)	Centre Frequency (Hz)							NRC <sup>+</sup>
	125	250	500	1000	2000	4000	5000	
25	0.18	0.29	0.69	0.86	1.05	1.20	1.16	0.71
50	0.29	0.70	1.19	1.04	1.14	1.06	1.07	0.93

NRC<sup>+</sup> is the average sound absorption coefficient between 180 to 2800 Hz

## Compression Resistance

Fibertex-B60, R60 are resilient material which readily returns to original shape after removal load. The result between reduction in thickness (%) versus compressive load (kPa) following BS-2972;1975 :



CSR Bradford Rockwool technology is well accepted and recognised by the insulation industry throughout the world. Our sales and technical executives are well trained and always prepared to offer assistance and advice on all inquiries.

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## HELPING THAILAND CONSERVE ENERGY

CSR web site : <http://www.csr.com.au>

CSR's policy is one of continual product development. Therefore, details as published may be subject to change.