Bradford™
for smarter environments

# FIBERTEX 820 ROCKWOOL

## Introduction

Bradford Fibertex 820 is a specialty purpose industrial insulation for use on high temperature furnace and hydrocracker insulation as well as for use in marine and building application for fire protection. It is a heavy duty thermal and acoustic insulation suitable for continuous operation up to 820˚C and exhibits minimal shrinkage.

## Product Description

Bradford Fibertex 820 Rockwool is robust and a very high density insulation product. Fibertex 820 is manufactured from spinning a molten mixture of natural rock and recycled products into fine wool like fibers. The inorganic fibers are bonded together using a thermosetting resin to form the final product. The product can be identified by its dark green/black appearance.

## Applications

Fibertex 820 can be used in applications where operating temperatures do not exceed 820˚C such as process temperature control, energy conservation, condensation prevention, acoustic absorption treatment and personnel protection from plant and equipment. Typical applications include;

- Lightweight furnace lining
- fire rated bulkheads and deck-heads
- large diameter piping
- reactors
- ovens
- kilns
- autoclaves
- boilers
- heat exchangers

Bradford Fibertex 820 is easily installed by impaling the batts or blankets on weld pins and securing with speed clips. Please note because of the semi-rigid nature of Fibertex 820, it does not easily conform to curved surfaces.

The un-faced surface of the Rockwool Batt or Blanket is to be applied to the hot surface to be insulated.

## Benefits

- Highly durable insulation product
- Able to be used at very high temperatures
- Excellent and cost effective thermal insulation
- Performance is not adversely effected from contact with water
- Non combustible
- Low chloride content resulting in less corrosion of insulated steel process equipment
- Biosoluble and safe to use product

## Available Facings

Fibertex 820 is available as either un-faced Semi-rigid boards or Flex-Skin faced blankets. Flex-Skin blankets incorporate a non woven fabric facing that enhances flexibility, handling and tensile strength. For mesh faced products please refer to Bradford Fibermesh range of products. Please note a range of facings are available for Fibertex 820 that meet your requirements - contact Bradford for more information.

## Health and Safety

This product is manufactured from Rockwool. For further information refer MSDS sheet on Bradford website.

## SKU Table

| | Thickness (mm) | Length (mm) | Width (mm) | Pieces per Pack | Nominal M2 per pack |
|---|---|---|---|---|---|
| Board | 25 | 1500 | 900 | 6 | 8.1 |
| | 25 | 1500 | 1200 | 6 | 10.8 |
| | 38 | 1500 | 900 | 4 | 5.4 |
| | 50 | 1500 | 900 | 3 | 4.1 |
| | 50 | 1500 | 1200 | 3 | 5.4 |
| | 75 | 1500 | 900 | 2 | 2.7 |

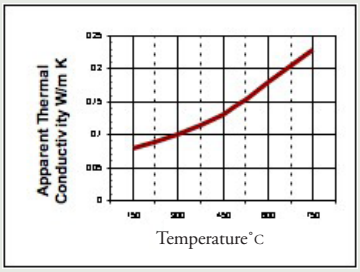
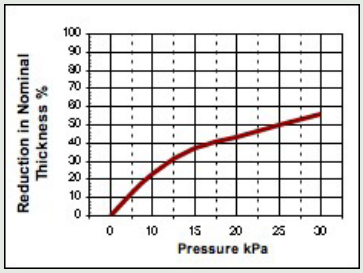
Standard packaging is polythene bags Note: not all sizes are held in stock. Some are subject to minimum order quantities. Published weights are for product only and do not include packaging.

FIBERTEX 820 ROCKWOOL – DATA SHEET

CSR

# FIBERTEX 820 ROCKWOOL

## Physical Properties

| Density | kg/m³ | 110 |
|---|---|---|
| **Maximum Service Temperature** | | 820˚C<br>Flex Skin Surface: 180˚C |
| **Thermal Conductivity** | Based on measurements obtained with guarded hot-plate apparatus in accordance with BS874-1973 |  |
| **Fire Hazard Properties** | AS/NZS 1530.3:1999 | • Ignitability: 0<br>• Spread of flame 0<br>• Heat Evolved 0<br>• Smoke Developed 0 |
| **Compressive Resistance** | Based on measurements obtained under compressive load measured in accordance with BS2972-1975 |  |
| **Corrosion Resistance** | BS 3958 part 5- 1969 | pH 7.5-9.0 |
| **Moisture Absorption** | When placed in a controlled atmosphere of 50°C and 95% relatively humidity for 96 hours. | Less than 0.2% by volume. |
| **Sample Specification** | | Install Bradford Fibertex 820 in accordance with manufacturers written installation instructions. |

FIBERTEX 820 ROCKWOOL – DATA SHEET

Publish date: 01/09 Doc ref: D R FTEX 820 - B

Bradford™
for smarter environments

**CSR Bradford Insulation**
55 Stennett Rd, Ingleburn NSW 2565 Australia.
**Telephone** (02) 9765 7000 **Facsimile** (02) 9765 7002
**www.bradfordinsulation.com.au**



CSR