Bradford™ rockwool fibertex

TECHNICAL DATASHEET

Revision level C

Fibertex 820 Rockwool

INTRODUCTION

Bradford Fibertex 820 is a general purpose industrial insulation for use on process equipment, vessels, tanks & reactors. It is light duty thermal and acoustic insulation suitable for continuous operation up to 820°C .

PRODUCT DESCRIPTION

Bradford Fibertex 820 Rockwool is a lightweight medium density insulation product. Fibertex 820 is manufactured from spinning a molten mixture of natural rock and recycled product into fine wool like fibers. The inorganic fibers are bonded together using a thermosetting resin to form the final product.

APPLICATIONS

Fibertex 820 can be used in applications such as process temperature control, energy conservation, condensation prevention, acoustic absorption treatment and personal protection from plant and equipment.

Bradford Fibertex 820 is easily installed by impaling the batts or blankets on weld pins and securing with speed clips. The un-faced surface is to be applied to the hot surface to be insulated. On small vessels the insulation may be simply retained by wire mesh or metal bands. For acoustic panel applications ensure cavity dimension is equal or less than product thickness.

BENEFITS

- Lightweight highly durable insulation product
- Easily forms shape of equipment to be insulated
- Excellent cost effective solution
- Non-combustible
- Low chloride content
- Bio-soluble & safe to use product

AVAILABLE FACINGS

Fibertex 820 is available as either un-faced board or blanket. Facing is available by request; foil facing can enhance the flexibility, handling and tensile strength of the product.

HEALTH & SAFETY

This product is manufactured to the latest Fiber Biosoluble (FBS-1) Rockwool formulation and is not classified as hazardous according to the criteria of the ASCC guidelines. For further information refer to the MSDS sheet.

SKU TABLE

THICKNESS (mm)	LENGTH (mm)	WIDTH (mm)	PIECES PER PACK	M² PER PACK	PRODUCT CODE
PLAIN BOARD					
25	1200	600	12	8.64	114095
50	1200	600	6	4.32	114096
75	1200	600	4	2.88	114097
PLAIN BLANKET					
25	4000	600	2	4.8	118493
50	4000	600	1	2.4	452374
75	4000	600	1	2.4	118495
THICKNESS (mm)	**LENGTH (mm)**	**WIDTH (mm)**	**PIECES PER PACK**	**LINEAL M PER PACK**	**PRODUCT CODE**
PLAIN STRIP					
13	750	225	60	45	16356

*Fibertex 820 strip (13mm) replaces Fireseal Damper strips, product code remains the same.

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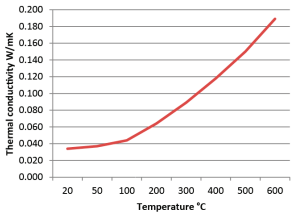
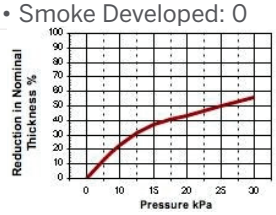
Fibertex 820 Rockwool

PHYSICAL PROPERTIES

DENSITY	kg/m2	110
MAXIMUM SERVICE TEMPERATURE		820°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 • Spread of flame: 0 • Heat Evolved: 0 • 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; Less than 20ppm soluble chlorides
MOISTURE ABSORPTION	ASTM C1104	Less than 0.2% by volume.
SAMPLE SPECIFICATIONS	Install Bradford Fibertex 820 in accordance with manufacturers written installation instructions.	

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