

Fibermesh 650 Rockwool

INTRODUCTION

Bradford Fibermesh 650 is a general purpose industrial insulation for use on process equipment, vessels, tanks & reactors. It is a heavy duty thermal and acoustic insulation suitable for continuous operation up to 650°C. It has a stitched Stainless Steel mesh that allows it to fit irregular shaped surfaces or fast insulation repair work.

PRODUCT DESCRIPTION

Bradford Fibermesh 650 Rockwool is a robust high density insulation product stitched on one side with a 25mm stainless steel wire mesh. Fibermesh 650 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 and the mesh is then stitched to the base Rockwool to form the final product.

APPLICATIONS

Fibermesh 650 can be used in applications where operating temperatures do not exceed 650°C such as process temperature control, energy conservation, condensation prevention, acoustic absorption treatment and personal protection from plant and equipment.

The Mesh facing provides additional strength and flexibility allowing the product to form and hold form around process equipment, ductwork and large diameter piping.

Typical applications include boilers, heat exchangers, reactors, ovens, kilns, autoclaves and large diameter

piping.

Bradford Fibermesh 650 is easily installed by impaling the batts or blankets on weld pins and securing with speed clips. The mesh joints may be laced together for extra strength if required.

BENEFITS

- Highly durable insulation product
- Facilitates forming and holds shape of equipment to be insulated
- Able to be used at higher temperatures
- Excellent cost effective solution
- Non-combustible
- Low chloride content
- Bio-soluble & safe to use product

AVAILABLE FACINGS

Fibermesh 650 is available faced with Stainless Steel Mesh. Stainless steel Fibermesh is used in corrosive environments.

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 SUI sheet.

SKU TABLE

FIBERMESH 650 - 100KG PER CUBIC METRE				
THICKNESS (mm)	LENGTH (mm)	WIDTH (mm)	PIECES PER PACK	M ² PER PACK
25	5000	600	1	3
50	5000	600	1	3
75	3000	600	1	1.8
100	2000	600	1	1.2

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PHYSICAL PROPERTIES

DENSITY	kg/m ³	100
MAXIMUM SERVICE TEMPERATURE		650°C
THERMAL CONDUCTIVITY	ASTMC177	
FIRE HAZARD PROPERTIES	AS/NZS 1530.3:1999	<ul style="list-style-type: none"> • 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.
FLOW RESISTIVITY		5 x 10 ⁴ mks Rays/m.
SAMPLE SPECIFICATIONS	Install Bradford Fibermesh 650 in accordance with manufacturers written installation instructions.	

