Bradford™ rockwool fibermesh

TECHNICAL DATASHEET

Revision level A

Fibermesh 350 Rockwool

INTRODUCTION

Bradford Fibermesh 350 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 350oC . It has a stitched stainless steel mesh that allows it to fit to irregular shaped surfaces or fast insulation repair work.

PRODUCT DESCRIPTION

Bradford Fibermesh 350 Rockwool is a lightweight medium density insulation product stitched on one side with a 25mm stainless steel wire mesh. Fibermesh 350 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 and the mesh is then stitched to the base Rockwool to form the final product.

APPLICATIONS

Fibermesh 350 can be used in applications where operating temperatures do not exceed 350˚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 storage tanks, heat exchangers, reactors, air conditioning ductwork, refridgeration equipment and large diameter piping. Bradford Fibermesh 350 is easily installed by impaling the batts or blankets on weld pins and securing with speed clips. The mesh joins may be laced together for extra strength if required.

BENEFITS

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

AVAILABLE FACINGS

Fibermesh 350 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 MSDS sheet on Bradford website.

SKU TABLE

FIBERMESH 350 - 60KG PER CUBIC METRE				
THICKNESS (mm)	LENGTH (mm)	WIDTH (mm)	PIECES PER PACK	M² PER PACK
50	5000	600	1	3
75	5000	600	1	1.8
100	5000	600	1	1.2

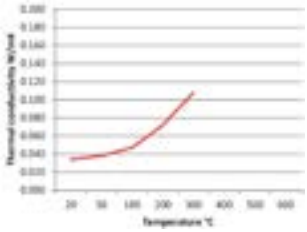
POTTER INTERIOR SYSTEMS

www.potters.co.nz
0800 POTTERS | info@potters.co.nz
Auckland, Hamilton, Wellington + Christchurch

CSR

Fibermesh 350 Rockwool

PHYSICAL PROPERTIES

DENSITY	kg/m^3	60
MAXIMUM SERVICE TEMPERATURE		350°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
CORROSION RESISTANCE	BS 3958 part 5- 1969	pH 7.5-9.0; Less than 20ppm soluble chlorides
MOISTURE ABSORPTION	When placed in a controlled atmosphere of 50°C and 95% relatively humidity for 96 hours.	Less than 0.2% by volume.
FLOW RESISTIVITY		2.2 x 10^{4}mks Rayls/m.
FRL	For systems that require fire resistance levels such as pusblished by CSR Gyprock or CSR Hebel, refer to specific system details for performance.	
SAMPLE SPECIFICATIONS	Install Bradford Fibertex 820 in accordance with manufacturers written installation instructions.	

Publish date: 07/16 Doc Ref: RW Fibermesh 350

Bradford™ more than insulation

CSR Bradford
Locked Bag 1345 North Ryde BC NSW 1670
csrbradford.com.au
Email: bradfordenquiries@csr.com.au

For further information call **1300 850 305** or visit **bradfordinsulation.com.au**

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