



ACOUSTIC BAFFLE

Introduction

Bradford Fibertex Acoustic Baffles are used to absorb noise within a building. The baffles are hung from roofs and are specially designed to absorb airborne noise.

Product Description

Bradford Fibertex Acoustic Baffles are manufactured from Rockwool rigid batts enclosed in a thin white plastic film. The products are suspended from ceilings by “S” hooks. Bradford Fibertex Acoustic Baffles come in two variations:

- 602 has a cardboard ridge across the top for applications where the level of humidity is normal.
- 602P has been developed with a plastic ridge across the top to repel moisture absorption, where humidity is higher than normal.

Applications

Fibertex Acoustic Baffles may be used to suppress noise in any building in which there is excessive reverberant sound. Typical examples include;

- bottling plants
- canneries
- general machine shops.

Fibertex Acoustic Baffles have special applications where hygiene is of vital importance as the absorber is fully enclosed in a plastic film that can be wiped clean. Examples are in food and beverage processing plants.

Fibertex Acoustic Baffles may be easily installed in new or existing industrial buildings. They can be effectively arranged to avoid interference with existing lighting and other roof mounted services. They can also be suspended vertically in an open grid to permit unwanted heat to escape through the roof. Fibertex Acoustic Baffles have an attractive appearance which can be further enhanced by imaginative layout. They can be installed at various heights and spacings to build any desired pattern.

Benefits

- Highly durable insulation product
- Excellent and cost effective sound absorption insulation
- Easily installed and moved to meet new process requirements
- Performance is not adversely effected from contact with water
- Special systems for use in highly humid applications
- Biosoluble and safe to use product

Available Facings

Bradford Fibertex Acoustic Baffles are sealed in a white plastic film.

Health and Safety

This product is manufactured to the latest Fibre Bio-Soluble (FBS-1) Rockwool formulation and is not classified as hazardous according to the criteria of the ASCC (formally NOHSC) guidelines. For further information refer MSDS sheet on Bradford website.

SKU Table

Thickness (mm)	Length (mm)	Width (mm)	Pieces per Pack	Nom coverage (sq.m) with 15% compression factor
50	1200	500	1	0.6

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.

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Physical Properties

Density	kg/m ³	60
Corrosion Resistance	BS 3958 part 5- 1969	pH 7.0-8.0; Less than 20ppm soluble chlorides; Incapable of corroding steel
Moisture Absorption	When placed in a controlled atmosphere of 50°C and 95% relative humidity for 96 hours.	Less than 0.2% by volume.
Sample Specification		Install Acoustic Baffle 602 wall insulation in accordance with manufacturers written installation instructions.

Sound Absorption

Sound Absorption (NRC)	When tested in a reverberation chamber in accordance with AS 1045:1988	Thickness	Frequency (Hz)							
		mm	125	250	500	1000	2000	4000	5000	NRC
		50	0.17	0.41	0.87	1.22	1.12	0.95	0.90	0.91