

Flexible Noise Barrier

product code: FB-WH-05

[Note 1]

Technical Data Sheet

Description

This flexible noise barrier is a high-density mineral loaded thermoplastic polymer plasticised with phalate esters and containing mineral fillers. Black in color, ecologically neutral and recyclable.

Features

- Available in Sheet or Roll Form
- Flexible and Easily Cut
- Easy to handle and install



Application

- Temporary noise barrier at construction site
- install in ceiling void/dry wall partition tackling Cross-talk problem
- install as pipe lagging application, to reduce the noise problem generated by pulsation of water
- install as airduct lag application (improve the low frequency noise breakout from airduct surface)

Physical Information

Barrier weight	: 5 kg/m ²
Nominal thickness	: 2.0mm
Roll Width	: 1,200 mm
Roll Length	: 5,000 mm

Technical Information

Tensile Strength	: 88 kPa
Indentation Hardness:	: 156N
Operating Temperature	: (Static) -30 to 65 °C

Fire Resistance Properties

BS 476 Part 5:1979 (Ignitability) -P
BS 476 Part 12:1997 (Ignitability) - No Sustained Ignition
Flammability (FMVSS302) - Self Extinguishing

Note 1- This product is supplied/ manufactured by Wilhams Insulation Group. All material warranty shall be provided by the manufacturer, and limited by the clauses and conditions of warranty.

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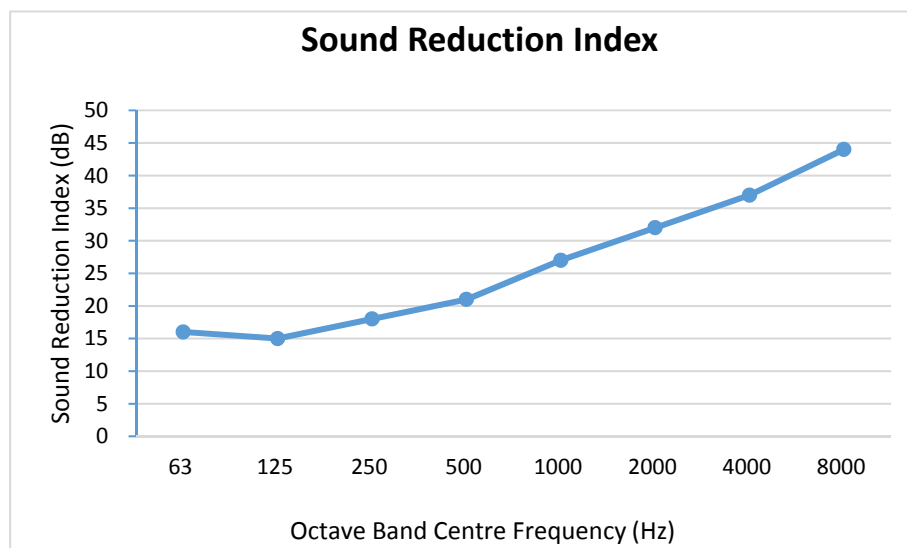
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Acoustic Performance

This flexible noise barrier is a high performance acoustic material capable to reduce sound effectively. Sound Reduction Index (SRI) for material at respective density is shown below.

Octave Band Centre Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	Ave.SRI
Sound Reduction Index (dB)	16	15	18	21	27	32	37	44	26 dB

* Notes: Rw - rating according to BS EN ISO 717-1: 1997



Disclaimer:

The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories by the Manufacturer (Wilhams Insulation Group). They are indicative only of the results obtained in such tests, and should not be considered as guaranteed maximums, minimums or any form of performance. Specification and data are subject to change without notice. Mason Acoustics Limited is not liable for any loss regard to the data and information stated in this literature.

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