

# FBF1M Acoustical Foam/Barrier Composite

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## Description

FBF1-M panels are designed to cut/paste to the interior walls of an enclosure built around a stationary noise source. The composite sandwiches the ultra thin sound barrier dB-Bloc membrane with 2 layers of class A fire rated melamine foam. On one side is the thicker foam panel that faces in towards the noise source, on the opposite side is a thinner foam panel that becomes the surface you glue to your inner walls to decouple vibrations. The net value back with this product is that it serves to block sound bleed out, decouple vibrations against the walls of the enclosure, and absorb the sound pressures built up inside the enclosure.



## Applications

Use to reduce noise and vibration and improve sound transmission loss in:

- \*Engine Compartments
- \*Machine Guards
- \*Truck/Tractor Cabs
- \*Lining Machine Enclosures
- \*HVAC Equipment, Ductwork
- \*Home Appliances

## Features

Class A fire rated Melamine Foam  
Easy to Handle and Install  
Barrier Cast Directly Onto Foam Forms Strong, Durable Bond Between Layers

## Independent Laboratory Test Results

Noise Reduction Coefficient (NRC) = 0.85		Sound Transmission Class (STC) = 29	
Freq.(Hz).	Abs. Coefficient	Freq.(Hz)	Transmission Loss (B)
125	0.33	125	20
250	0.24	250	21
500	0.63	500	25
1000	1.23	1000	28
2000	1.35	2000	32
4000	1.14	4000	42