



ACOUSTIC PRODUCTS DIVISION

ULTRA BARRIER™ PLUS

DESCRIPTION

ULTRA BARRIER™ PLUS is a industrial grade sound blocking/absorbing composite of 2 layers of polyether foam, a layer of high mass vinyl barrier and a reinforced foil facing. The first ¼ inch layer of foam acts as a decoupler that dramatically reduces vibration of the vinyl layer, ultimately, making the vinyl layer more effective in stopping the transfer of sound. The next layer of one inch foam acts as a broad range sound absorber. The final layer of reinforced foil acts as a heat reflective surface and provides a easy clean surface that is oil and dirt resistant.

ULTRA BARRIER™ PLUS is available with an pressure sensitive adhesive for an easy peel and stick application

APPLICATIONS

Use ULTRA BARRIER™ PLUS in any situation where problematic noise occurs. Our product can be installed over a variety of surfaces with either the PSA backing version or our Hanger Pin kits. For a comprehensive explanation on installation instructions, visit our website, www.soundprooffoam.com. Apply our Reinforced Foil Tape for a seamless appearance. Common applications for ULTRA BARRIER™ PLUS include; engine compartments, compressor enclosures, utility rooms, electronic enclosures, HVAC enclosures and various marine applications.

PRODUCT AVAILABILITY:

- 4 x 4 ft. sheet (Part#: VBFD114X4RAL)
- 4 x 4 ft. sheet with PSA (Part#: VBFD114X4RALPSA)

TECHNICAL DATA:

SOUND TRANSMISSION LOSS

Freq. Hz	125	250	500	1000	2000	4000	STC
Material	15	17	19	26	37	50	24
Mounted*	23	26	26	31	50	62	32

* The material was mounted to a 16ga. steel panel.

CHARACTERISTICS

Physical Property	Value
Color	Silver (facing)
Thickness	1.35 in.
Decoupler	0.25 in. Polyether Urethane Foam
Barrier	1 lb/ft² Urethane
Absorber	1 in. Polyether Urethane Foam Faced with Reinforced Alum. Polyester
Temperature Range (Peak Performance)	-29°F to 199°F
Flammability	
UL 94 HBF (Faced Foam)	Meets
FMVSS 302	Meets

The information contained herein is typical and based upon the results of controlled laboratory tests. The information is accurate to the best of American Micro Industries, Inc.'s knowledge. Product performance may vary based on the particular application and installation techniques utilized.

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