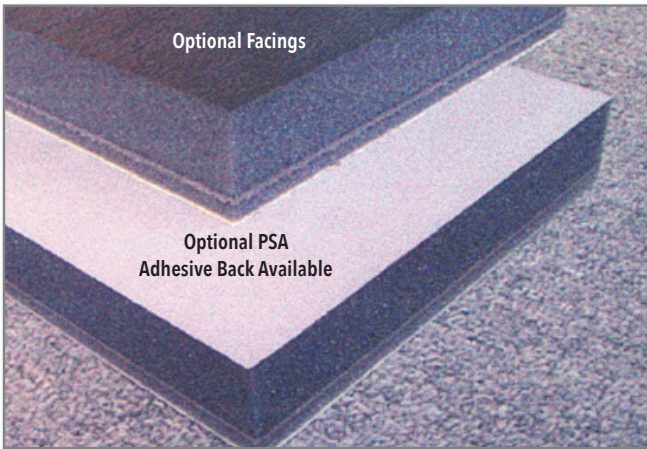


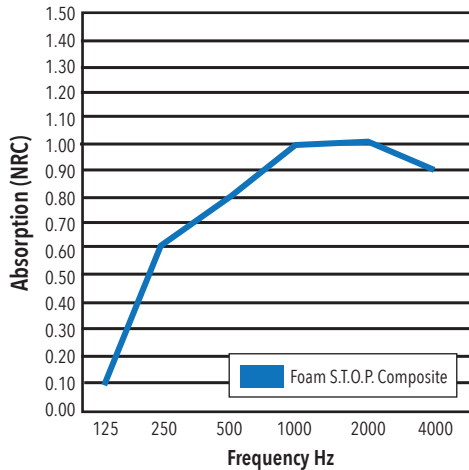
Noise S.T.O.P. Barrier/Absorber Polyurethane Composite™

Polyurethane Foam Composite Sound Containment System



FEATURES & BENEFITS

- Sound Absorber
- Noise Barrier
- Optimal Noise Containment
- Decoupler Isolates Vibration



Test Reports & Additional Information Can be Found at:

https://www.acousticalsurfaces.com/foam_stop/poly_comp.htm



ACOUSTICAL | SURFACES, INC.

Celebrating Over 40 Years - SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION SPECIALISTS!

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MATERIAL

Polyurethane Acoustical Foam Bonded to 1 lb/sq ft mass loaded Vinyl Noise Barrier with Polyurethane Foam Vibration Decoupler.

PATTERNS

Flat Surface.

APPLICATIONS

This polyurethane board is ideally suited to line equipment enclosures. Commonly used to line walls and ceilings of utility or mechanical rooms to absorb and contain the noise source. Use this polyurethane insulated foam panel where sound absorption, noise blocking control are needed.

SIZES

24" x 48". Special sizes available upon request.

THICKNESS

1-3/8".

COLORS

Charcoal (unfaced).

FACING OPTIONS

Aluminized Mylar, Black or Grey Tuftane, Tedlar, Aluminized Mylar, Paint available for Polyurethane Board upon request. PSA Adhesive Back available.

ELONGATION

ASTM-D-412-DIE C = 325%.

TENSILE STRENGTH

ASTM-D-412-Die C = 358.2lbs. psf. Class C10.

FLAMMABILITY

UL-94/HFI - Pass. ASTM E84 - Unrated.

WARNING: Polyurethane Foam is Flammable. Flame Spread > 400; Smoke Developed: > 480. ASTM E84.

INSTALLATION

Acoustical Adhesive or pressure sensitive adhesive backing. Use Polyurethane insulated foam panel's mechanical attachment for overhead installations.

Polyurethane Composite Foam Sheet - Sound Absorption Coefficients

Type B Mounting - ASTM C423-90a							
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
Polyurethane Composite	0.13	0.60	0.81	0.97	1.00	0.90	0.85

Polyurethane Composite Foam Sheet - Sound Transmission Data

ASTM E90-75; ASTM E413-73							
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
Polyurethane Composite	17	22	20	32	31	43	28