

SMACBARRIER®

Noise & Vibration Reduction Solution



SMACBARRIER® is a flexible acoustic barrier solution designed to reduce sound transmission in demanding environments. Composed of a heavy layer of viscoelastic material, it can be equipped with a self-adhesive layer to facilitate installation on interior panels.

Engineered to meet stringent requirements for flammability, smoke sensitivity, and toxicity, SMACBARRIER® ensures a high loss of transmitted sound in interior spaces. It remains stable across a wide temperature range, from -55 °C to +210 °C (-67° F to +410° F).

Ideal for aeronautical, railway, military, and space applications, SMACBARRIER® is used for acoustic insulation in aircraft, helicopters, submarines, military vehicles, and spacecrafts.

Advantages :



Flame Resistance



Excellent temperature stability

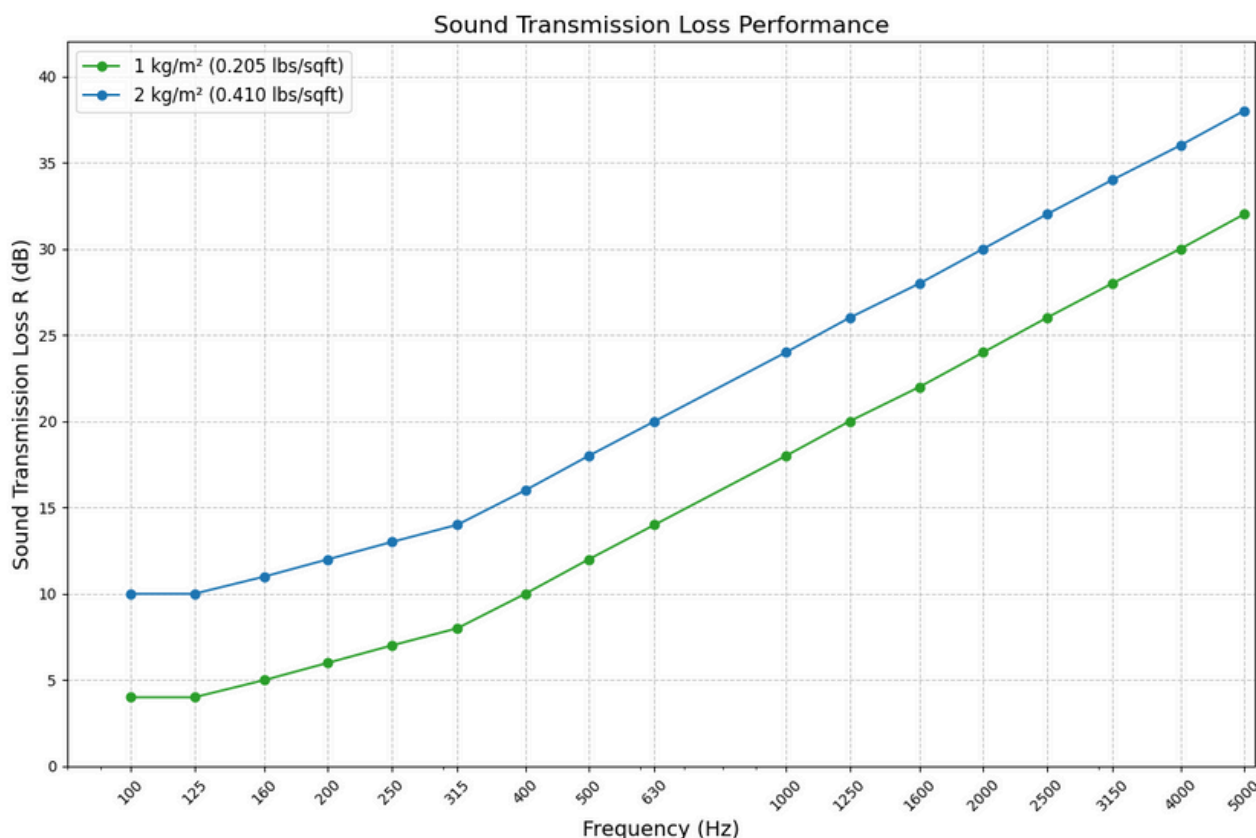


High-Efficiency Acoustic Insulation

Specifications :

- Surfacic weight: 1,0 kg/m² (0.20 psf) or 2,0 kg/m² (0.41 psf) (Ask us for other thicknesses)
- Thickness: 0,59 mm (0.023 in) to 1,47 mm (0.058 in)
- Width: 1000 mm (39.4 in)
- Available with adhesive on one side
- Kit manufacturing to customer drawings

SMACBARRIER Range:



Product Range

Product Manufacturing code	Name	Surfacic weight	Thickness	Properties	Color
100599-01	SMACBARRIER EX	2,0 kg/m ² (0.41 psf)	1,33 mm (0.052 in)	  	Clear Blue
101711-01	SMACBARRIER EX	1,0 kg/m ² (0.20 psf)	0,66 mm (0.026 in)	  	Clear Blue
101712-01	SMACBARRIER ST	2,0 kg/m ² (0.41 psf)	1,17 mm (0.046 in)		Dark Blue
100600-01	SMACBARRIER ST	1,0 kg/m ² (0.20 psf)	0,59 mm (0.023 in)		Dark Blue

Options : Adhesive can be laminated to one side of the product. Please ask for the reference

 TEST PASSED: Flammability & flame propagation

TEST METHOD : AITM.2.0053

TEST STANDARD : FAR 25§856 (a)

 TEST PASSED: Flammability & flame propagation

For embedded configurations, consult us

 TEST PASSED: Smoke density

TEST METHOD : AITM.2.0007

TEST STANDARD : ABD0031

 TEST PASSED: Smoke toxicity

TEST METHOD : AITM.2.0007

TEST STANDARD : ABD0031