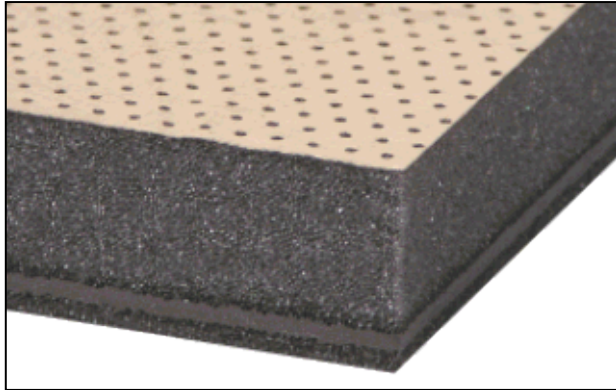


Barymat BV-14C

Noise Barrier / Vinyl Barrier Composite



Barymat BV-14C is a composite noise barrier / absorption material protected with a perforated vinyl film facing. The composite consists of perforated vinyl scuff wear and contamination resistance, 1.0 inch of acoustic polyurethane foam for sound absorption, a filled, flexible 1.6 lb. per sq. ft. barrier for transmission loss and a .25 inch polyurethane foam decoupler layer. It is suitable for moderately dirty environments where it is not exposed to contaminants such as direct oil or water spray.

PERFORMANCE

Frequency (Hz)	Transmission Loss (dB) BV-14C
80	22
100	22
125	23
160	22
200	22
250	22
315	22
400	27
500	32
630	35
800	40
1000	44
1250	47
1600	51
2000	50
2500	48
3150	53
4000	56
5000	59
6300	59
STC	34

APPLICATION & PRODUCT DATA

USES

Noise Enclosure Liners Engine Compartment Liner
Wall Barrier Absorber

Barymat BV-14C is easy to apply and can be cut with common utility knives. For secure and permanent installations use specified adhesives - available from AcoustiGuard™ - WILREP LTD.

THICKNESS

BV-14C: Approx 1.25 in. - overall composite thickness

STANDARD DIMENSIONS

Sheet: 54" x 72", untrimmer (27 sq.ft.)

CUSTOM DIE CUT CAN BE PROVIDED

TYPICAL PHYSICAL PROPERTIES

Composite: 1.9 lb. / sq. ft.

Flammability: MVSS 302 – Passes.

Foam Density: ASTM D4-64 - 200%

Thermal Conductivity of Foam at 75°F (21°C):

ASTM C518 - 0.27 Btu. in. / hr. ft² °F

NOTICE: Stated data is based on recognized testing methods. Product performance can be affected by field conditions and installation methods. Users of these products are responsible for determining suitability for their application and compliance with any legal provisions including those relating to health and safety.

