

Noise Barrier / Absorption Composite

BARYMAT BTMM-14C

BARYMAT BTMM-14C is a versatile and durable noise barrier / absorption material. The composite consists of (from top down) a metallized mylar facing that has high contamination resistance and light reflectivity, 1.0 in. of acoustic urethane foam for sound absorption, a loaded, flexible 1.6 lb. per sq. ft. barrier for transmission loss and a .25 in. urethane foam decoupler. It is suitable for very dirty, wet or oily environments and can be exposed to direct spray.

Frequency (Hz)	Transmission Loss (dB) BTMM - 14C
80	23
100	23
125	23
160	22
200	22
250	22
315	22
400	25
500	29
630	34
800	40
1000	45
1250	48
1600	51
2000	49
2500	48
3150	53
4000	56
5000	59
6300	59

STC	34
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APPLICATIONS AND PRODUCT DATA

USES

•Noise Enclosure Liner •Engine & Generator Compartments •Marine Applications
 BARYMAT BTMM-14C is easy to apply and can be cut with common utility knives. For secure and permanent installations use specified adhesive – available from Wilrep Ltd.

THICKNESS

BTMM-14C: Approx. 1.25 in. – overall composite thickness.

STANDARD DIMENSIONS

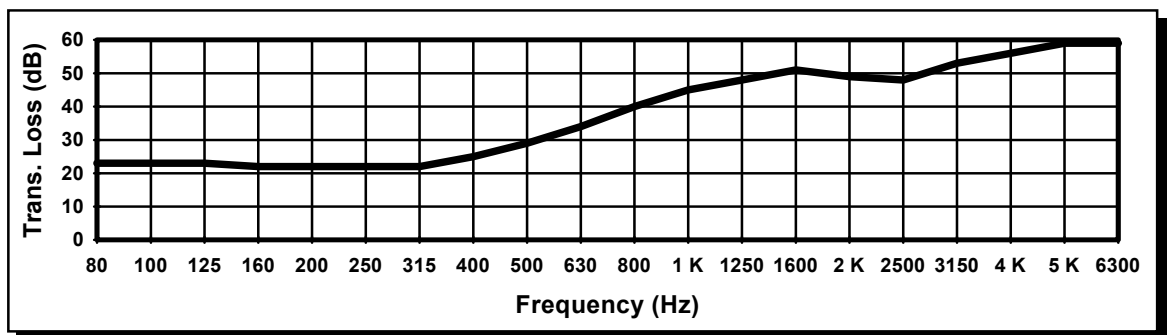
Sheets: 54" wide X 72", untrimmed (27 sq. ft.)
 CUSTOM TRIMMING AND DIE CUTTING CAN BE PROVIDED

TYPICAL PHYSICAL PROPERTIES

Composite Weight: 1.8 lb. / sq. ft.
Flammability: MVSS 302 – Passes
Foam Density: ASTM D 3574-86 – 1.8 - 2.2 lb. / cu. ft.
Thermal Conductivity of Foam at 75°F (24°C):
 ASTM C 518 – 0.27 Btu. in. / hr. ft.² °F

PERFORMANCE DATA

Performance data is an extract from NRC - Ottawa report on tests according to ASTM E 90-90 with material adhered to 16 ga. steel.



NOTICE Stated performance 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.

WILREP LTD.

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