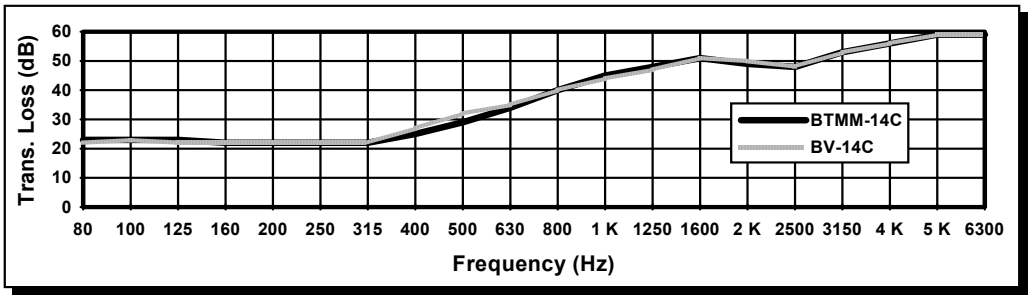
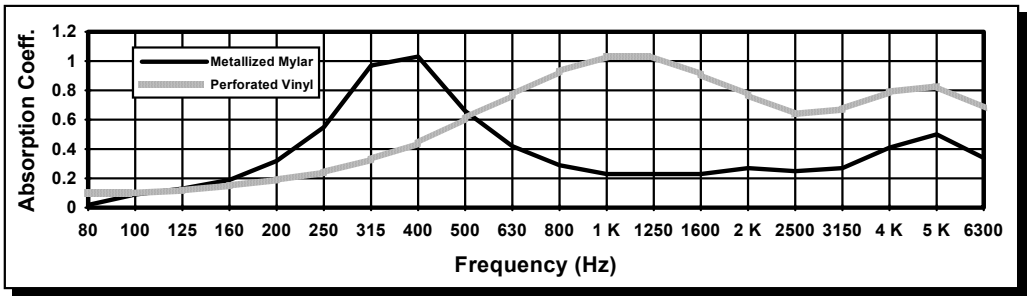
PERFORMANCE DATA

In addition to environmental conditions, individual application requirements will determine choice of composite. These transmission loss and absorption performance charts can be used to make the appropriate selection.

STC **– TRANSMISSION LOSS CAPABILITIES FOR DECOUPLED BARRIER COMPOSITES (BTMM-14C & BV-14C)**



NRC **– ABSORPTION CHARACTERISTICS FOR 1.0 IN. ACOUSTIC FOAM LAYER WITH INDIVIDUAL COVERINGS.**



MATERIAL SPECIFICATIONS

THICKNESS
BTMM-14C and BV-14C
Approx. 1.25 in. – Overall Composite Thickness.

STANDARD DIMENSIONS
Sheets – 54" X 72"
(27 sq. ft.)

COMPOSITE WEIGHT
BTMM-14C – 1.8 lb./ sq.ft.
BV-14C – 1.9 lb./ sq.ft.

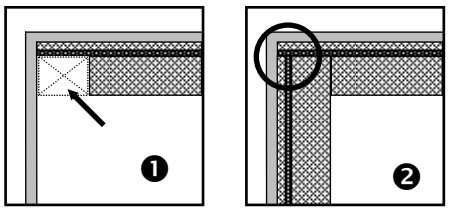
FLAMMABILITY
MVSS 302 – Passes

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

INSTALLATION RECOMMENDATIONS

Composite material is glued directly to the entire interior surface of the enclosure. Sheet metal should be degreased and plywood must be primed for best adhesion. To maintain an unbroken barrier layer, care must be taken when fitting material into corners at the horizontal and vertical edges of the enclosure structure.



❶ Cut away section of absorption layer on all edges where composite pieces meet at right angles.

❷ Cut and fit adjacent pieces accurately to ensure there are no gaps in the barrier.

ADDITIONAL APPLICATION REFERENCE

Data Sheets Available:	Sheet Number
TECHNICAL DATA SHEET – BV-14C	**3.502**
TECHNICAL DATA SHEET – BTMM-14C	**3.503**
USE OF BAFFLE CHAMBERS IN ENCLOSURES	**3.802**
RECOMMENDED ADHESIVES, ADHESIVE TAPES USING 1099 ADHESIVE	**3.901, 3.903 3.902**

For complete application assistance contact direct,
www.wilrep.com

WILREP LTD.
1515 Matheson Blvd. E., Unit C-10, Mississauga, Ontario, Canada L4W 2P5
Tel. (905)625-8944 Fax (905)625-7142 **e-mail: wilrep@idirect.com**