

Barymat M-100D & M-600D

Sound Barrier Floormat



Barymat M-100D & M-600D both consist of a deep embossed vinyl “carpet like” wear surface on top of high transmission loss, 1.0 lb and 2. lb per sq. ft. flexible barrier with a 0.25 in. for the M-100D and a 0.375 in. closed cell modified PVC/nitrile rubber foam decoupling layer. The scuff resistant surface provides durability while the closed cell foam delivers excellent vibration isolation for maximum comfort. Baymat M-100D & M-600D is easy to install, effective treatments which require water and oil absorption resistance.

PERFORMANCE

Frequency (Hz)	Transmission Loss (dB) M-100D	Transmission Loss (dB) M-600D
80	23	25
100	22	25
125	23	24
160	22	25
200	22	25
250	22	27
315	21	27
400	24	28
500	28	28
630	32	29
800	37	32
1000	41	37
1250	45	43
1600	47	46
2000	47	47
2500	47	47
3150	51	51
4000	55	53
5000	58	56
6300	58	58
STC	33	35

APPLICATION & PRODUCT DATA

USES

Vehicle Floors & Fire Wall Barrier Control Room Floors
Vibration Isolation

Barymat M-100D & M-600D is easy to apply and can be cut with common utility knives. For secure and permanent installations use specified adhesives - available from WILREP LTD.

THICKNESS

M-100D: 0.375 in. - overall composite thickness.

M-600D: 0.56 in. - overall composite thickness.

STANDARD DIMENSIONS

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

CUSTOM DIE CUT CAN BE PROVIDED

TYPICAL PHYSICAL PROPERTIES

Composite Weight: M-100D - 1.2 lbs./ sq. ft.

M-600D - 2.3 lbs// sq. ft.

Flammability: MVSS 302 – Passes.

Thermal Conductivity of Foam at 75°F (24°C):

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

Water Absorption: ASTM D 1056 - 10% Maximum

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.

