

# AcoustiGuard™ ML

AcoustiGuard™ Mineral Liner is a high quality, rigid, acoustic mineral fiber board with a facing of tough, smooth, mat black, non-woven glass. It is manufactured from flame attenuated fibers and bonded with a thermosetting binder. The board is available in black or cloth covered on special order. It should be used when a premium appearance, superior acoustic performance and tough surface finish is desired.

## Acoustic Board

### SPECIFICATION COMPLIANCE

- ASTM C 1071**  
Standard Specification for Thermal and Acoustical Insulation  
(Fiber, Duct Lining Material).
- NFPA 90 A**  
Standard for the Installation of Air-Conditioning and Ventilating Systems.
- NFPA 90 B**  
Standard for the Installation of Warm Air Heating and Air-Conditioning Systems. (Material is approved by the Canadian Coast Guard for use in Canadian registered ships).

Frequency (Hz)	Absorption Coefficient	
	ML-100	ML-200
125	0.30	0.48
250	0.51	0.83
500	0.77	1.16
1000	0.94	1.16
2000	1.03	1.11
4000	0.82	0.87
<b>NRC</b>	<b>0.80</b>	<b>1.05</b>

### APPLICATIONS AND PRODUCT DATA

- USES**  
•Theatre and Studio Walls & Ceilings •Enclosure liner •Fan Plenums and Air Ducts  
AcoustiGuard™ ML is easy to apply and can be cut with common utility knives. For secure and permanent installations use mechanical fasteners or specified adhesives – available from Wilrep Ltd.

**THICKNESS**  
ML-100: 1.0 in., ML-200: 2.0 in.

**STANDARD DIMENSIONS**  
Sheets: 24" x 48"

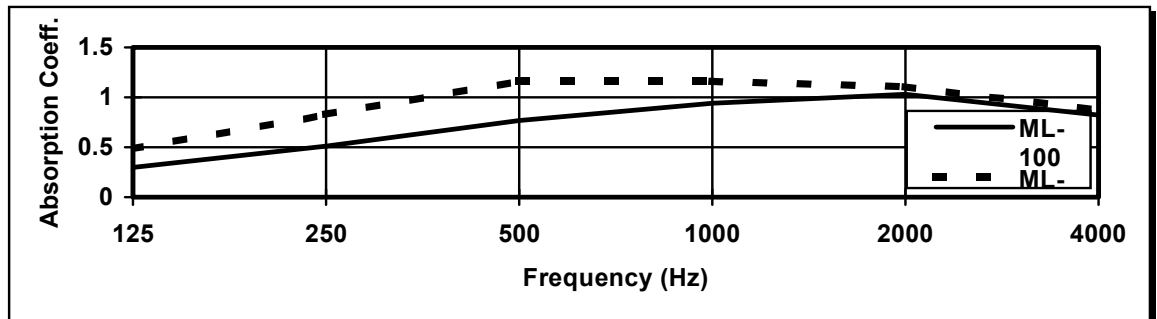
CUSTOM TRIMMING AND CUTTING CAN BE PROVIDED

### TYPICAL PHYSICAL PROPERTIES

- Thermal Conductivity:** ASTM C 518 – 0.27 Btu. in. / hr. ft<sup>2</sup>. °F
- Flammability:** MVSS 302 – Passes, UL94 HF-1 – 800° F
- Elongation (%):** ASTM D 3574-86 – 200 minimum
- Compression Set:** ASTM D 3574-86 – Maximum 15% at 70°F(21° C)
- Tensile Strength:** ASTM D 3574-86 – 15 psi, minimum
- Density:** ASTM D 3574-86 – 4 lb. / cu. ft.
- Tear Strength:** ASTM D 3574-86 – 2.0 lb. / in. minimum

### PERFORMANCE DATA

Performance data on test according to ASTM C 423-90, F 25 Mounting.



**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.

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