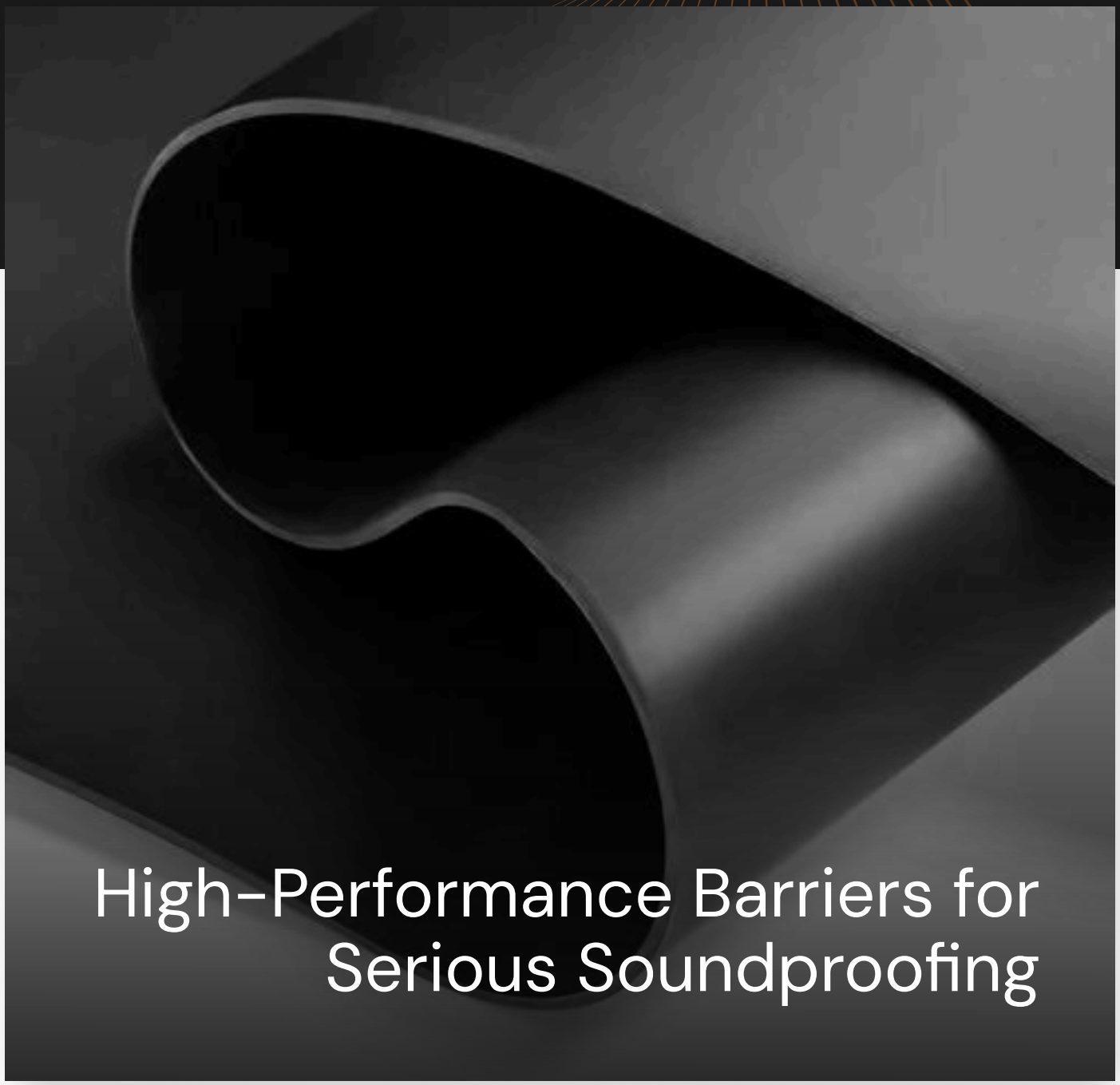
NHUUR

MLV



High-Performance Barriers for Serious Soundproofing

NHUUR

Mass Loaded Vinyl

is a high-density, flexible soundproofing barrier designed to block unwanted noise in walls, ceilings, floors, and enclosures. It is great for blocking frequencies from 4000 hz all the way down to 125 hz. It blocks by adding mass and density to walls, ceilings, and floors. Known for its flexibility and high STC (Sound Transmission Class) rating, MLV is widely used in both residential and commercial applications.

Acoustic Performance
STC 10 - 22

Fire Resistant
Class A

Easy to Install
Quick Installation

INSTALLATION

Ceiling, Wall & Floor:

- For optimal results, MLV is often installed between drywall layers, under flooring, or behind decorative wall panels.
- Sealing seams and edges with acoustic caulk further enhances its soundproofing capabilities.
- Combining MLV with other acoustic treatments like resilient channels or sound clips can maximize noise reduction.

APPLICATION

Mass Loaded Vinyl is a versatile solution for those seeking noise cancellation solutions without significant structural alterations. Its ability to deliver robust sound-blocking makes it a preferred choice in both professional and residential applications.

Corporate Offices | Theatres | Auditorium | Hospitality Spaces | Clubs | Stadiums | Gym | Super Markets | High Rise Floor Swimming Pool | Recording Studios

PRODUCT SPECIFICATIONS

Composition: Rubber, Viny I **Outer Finish:** Black Rubber | **Fire resistance:** ASTM E84 standards

Thickness	Dimension	STC	Tensile Strength	Tear Strength	Temperature
3mm	1x5m	10-12	400 p.s.i.	7.0 kg/ sqm	Range /-40 deg.F to 180 deg. F
5mm	1x1m	18-22	400 p.s.i.	10.0 kg/ sqm	Range /-40 deg.F to 180 deg. F

FEATURES

Non-Porous & Moisture-Resistant

Resists water, mold, and mildew — ideal for damp areas like basements or utility rooms.

Fire-Resistant (Class A Rated)

Meets ASTM E84 standards; suitable for commercial and residential use.

Excellent Soundproofing Performance

Improves Sound Transmission Class (STC); can add 20–25 STC points when combined with drywall.

Durability

Resistant to moisture, chemicals, and wear, MLV offers long-term performance with minimal maintenance.

Thin Yet Effective

Typically 1/8" to 1/4" thick; provides sound isolation without adding bulk

Flexible and Easy to Install

Can be cut, bent, and shaped around pipes, studs, and irregular surfaces.

NHUUR

“Where sound finds *harmony*”

NHUUR ACOUSTICS

Dubai

+971-501036656

info@nhuuracoustics.com

http://www.nhuuracoustics.com