

Mass Loaded Vinyl

SoundBlanket : Underlay Membrane

MMT Acoustix® Sound Blanket : Isolation Underlay is a super density MLV rubber membrane produced with an engineered mixture of 5 types of rubbers and resins. The membrane comes in a roll form and can be easily installed on floors, walls and ceilings as a primary layer for sound isolation. The sound is unable to pass through the super density surface of the product and provides required soundproofing. It can be easily installed with nails and adhesives. The products is sold in rolls. Each roll is 12 sqm (10000 x 1200 mm) / 128 sqft (32 x 4 ft) with a straightness ≤ 20 mm/10 m. This product can also be sold in pallets, each pallet with 28 rolls. For optimum results the sound blocking membrane should be installed between two layers



PRODUCT SPECIFICATION

Size :	4 x 32.5 Feet (12 sqm)
Thickness :	3 / 5 / 8 / 10 mm
Colour :	Black
Flammability :	Thermal Resistant (-30° C to 100° C)
Material :	Rubber Synthetic
Weight :	> 60 kgs ++
STC :	> 36 DB ++
Application Area :	Walls, Floor, Ceiling



PRODUCT PROPERTIES

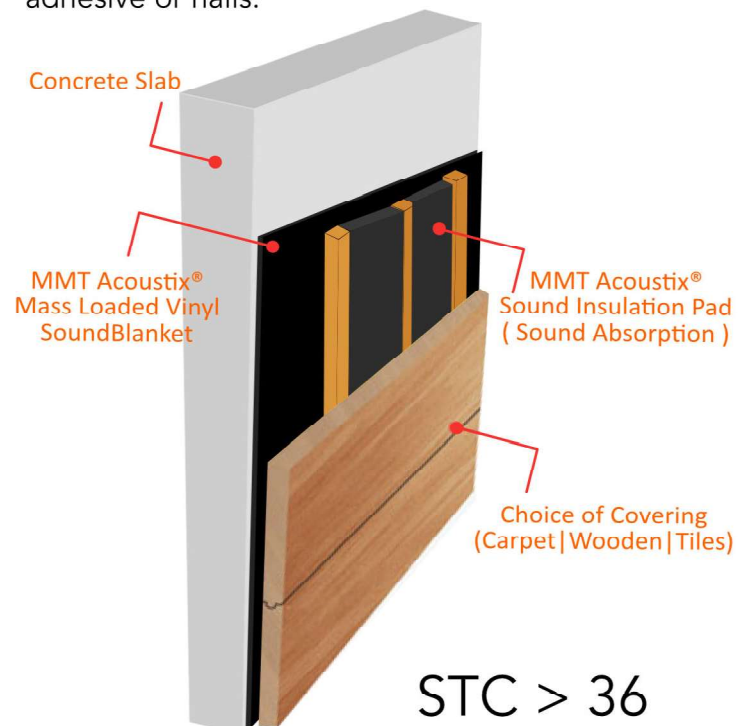
- Isolates and blocks the sound
- Can be applied on walls, ceiling and floor
- Comes in roll, easy to install
- Blocks vibrations
- Control high, medium and low frequencies
- High Density > 2100 kg/m³
- Takes minimum space due to low thickness
- Water resistant and fire resistant
- Anti - Microbial
- Can be easily covered with Carpets, Wooden Flooring, gypsum or cement

APPLICATION REFERENCE

- Residence - To avoid furniture movement and footstep vibrations
- Studios, Cineplexes, Home Theatres, Gyms & Auditorium walls and floors.
- Hotels and shopping complex
- Discotheques, nightclubs and bars

APPLICATION GUIDE

Open Lay the Sound blanket roll on Walls, ceiling and floor for sound isolation using SR adhesive or nails.



Technical Specifications

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.5	DIN 53508	1.5
HARDNESS	ASTM D2240	70± 5 Sh A	DIN 53505	70 ± 5 Sh A
TENSILE STRENGTH(min)	ASTM D412	600PSI	DIN 53504	40kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	225 %	DIN 53504	225 %
COMPRESSION SET (70 ⁰ C/ 24 HRS/ 25% SET) (max)	ASTM D395 METHOD B	35%	DIN 53517	35%
TEAR RESISTANCE (Angular) min	ASTM D624	85 Lbs/ Inch	DIN 53515	15 Kg/cm
CHANGE IN PROPERTIES HEAT AGEING (72 hrs AT 70 ⁰ C)	ASTM D390			38
	ASTM D573			
---HARDNESS (Pts)		+5(Max)		+5 (Max)
---TENSILE STRENGTH (%)		+10/-25		+10/-25
---ELONGATION AT BREAK (%)		+10/-30		+10/-30
VOLUME SWELL : AT 70 ⁰ C FOR 72 HRS/ IN	ASTM D471			
ASTM OIL NO. 1		+2%		+2%
ASTM OIL NO. 2		+12%		+12%
ASTM OIL NO. 3		+35%		+35%
POLYMER CONTENT (Chloroprene)		30%		30%
CHEMICAL RESISTANCE				
---OZONE	ASTM D1149	FAIR		FAIR
---DILUTE ACIDS AND BASES		GOOD		GOOD
---CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
---OILS		FAIR		FAIR
---SOLVENTS		FAIR		FAIR
TEMPRATURE RANGE		-30 ⁰ C to +100 ⁰ C		-30 ⁰ C to +100 ⁰ C
COLOUR		BLACK		BLACK

Major Application Area

Cineplex



Stadium



Offices



Auditorium



Hotels



Recording Studio

