



HV Acoustic

Innovative Acoustic Solution



MLV (Mass Loaded Vinyl)

Mass Loaded can cut down the sound transmission through walls, ceilings, floors and other areas where sound management is necessary. This odorless and eco-friendly flexible MLV material is simple to install on a variety of surfaces. Our MLV is simple to cut with knife and scissors and may be used to soundproof flooring, walls, pipelines, and other areas. It can be used for various applications such as basements, flats, workplace, studios, classrooms, medical facilities, automobiles and many more. Due to its flexibility, MLV sheets come in a roll shape, making them easy to handle and fix at any curve. It can also be used to reduce airborne noise within partitions.

HV ACOUSTIC Mass Loaded Vinyl (MLV) used for reducing sound transmission through Walls, flooring & ceiling by providing noise isolation from unwanted sources

Specification

Material : Mass Loaded Vinyl

Finish : Smooth finish

Max. Dimensions : Length - 10 Mtr

Thickness : 3MM , 4MM & 5MM

Width : 1.2 Mtr

Desnsity : 1900 kgs / M

Dimension stability : <0.4%

flexibility 10 MM Mandrel Test : Pass

Flame Spread : Class 1

Installation : Material can be glued, Nailed, stapled, screwed and can be reinforced and hung like curtain.

Advantages

Very High density product leading to high acoustic insulation.

Roll form which is easy to handle.

flexible, so easy to install on most of the surfaces.

Easy to cut with general accessories like knife and scissors.

Thermal resistance leading to high heat insulation.

Easy to install as it can be pasted with adhesive or Nailed.

Excellent ageing resistance.

Sound Transmission Class	
Frequency(HZ)	Db Value
100	8
125	12
160	15
200	20
250	23
315	30
400	37
500	40
630	42
800	48
1000	49
1225	54
1600	55
2000	57
2500	58
3150	58
4000	56
STC	36

Product	Thickness	Roll Size	STC (ASTM E- 413)	Weight
MLV	3 MM	1.2 x 10 Mtr	27	60 Kg
MLV	5 MM	1.2 x 10 Mtr	32	100 Kg
MLV	8 MM	1.2 x 10 Mtr	36	160 Kg
MLV	10 MM	1.2 x 10 Mtr	40	197 Kg
MLV	12 MM	1.2 x 10 Mtr	45	236 Kg

If you have any kind of query,
please don't hesitate to
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