



TRANQUIL[®] BLOCK



Mass Loaded Vinyl



High performance
sound deadening
membrane.



Roll form offers ease to install.
Easy fixing at any curvature
due to its flexibility.

Tranquil Blocks is flexible Mass Loaded Vinyl (MLV) used for reducing sound transmission through WALLS, FLOORING & CEILING by providing noise isolation from unwanted sources.

INTRODUCTION

TRANQUIL BLOCK is flexible 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 m,
- ▶ Thickness:1 /1.5/2/3mm
- ▶ Width:1.22 / 2m
- ▶ Density: 1900 kgs / m
- ▶ Dimension Stability:< 0.4%
- ▶ Flexibility 10mm Mandrel Test: Pass
- ▶ Flame Spread: Class 1
- ▶ Installation: Material can be glued, nailed, stapled, screwed and can be reinforced and hung like a 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

STANDARD

- ▶ IS: 9901 (Part 111)-1981,
- ▶ DIN:52210 Part IV-1989,
- ▶ ISO: 10140 (Part I) - 2016 "Measurement of sound insulation in building and of building elements"
- ▶ Part III: Laboratory measurements of airborne sound insulation in building and of building elements



APPLICATION

Walls | Ceilings | Flooring

- ▶ Used as high sound isolation material, can be installed on walls, ceilings and floorings.
- ▶ Used within partitions for reducing airborne noise.
- ▶ Noise created by impact on floors can be reduced by using it below flooring or below floating floors.
Can be used in industries for sound insulation of machines, pipes and etc.
- ▶ Block can be used to wrap columns or pipes, duct work and etc.,

SOUND TRANSMISSION CLASS

1/3 Octave Band Centre Frequency (HZ)	Airborne Sound Transmission Loss (dB)
	3 mm thick Tranquil Block Density: 1900 kg/m ³
100	08
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



INSTALLATION OF SOUND ISOLATION

