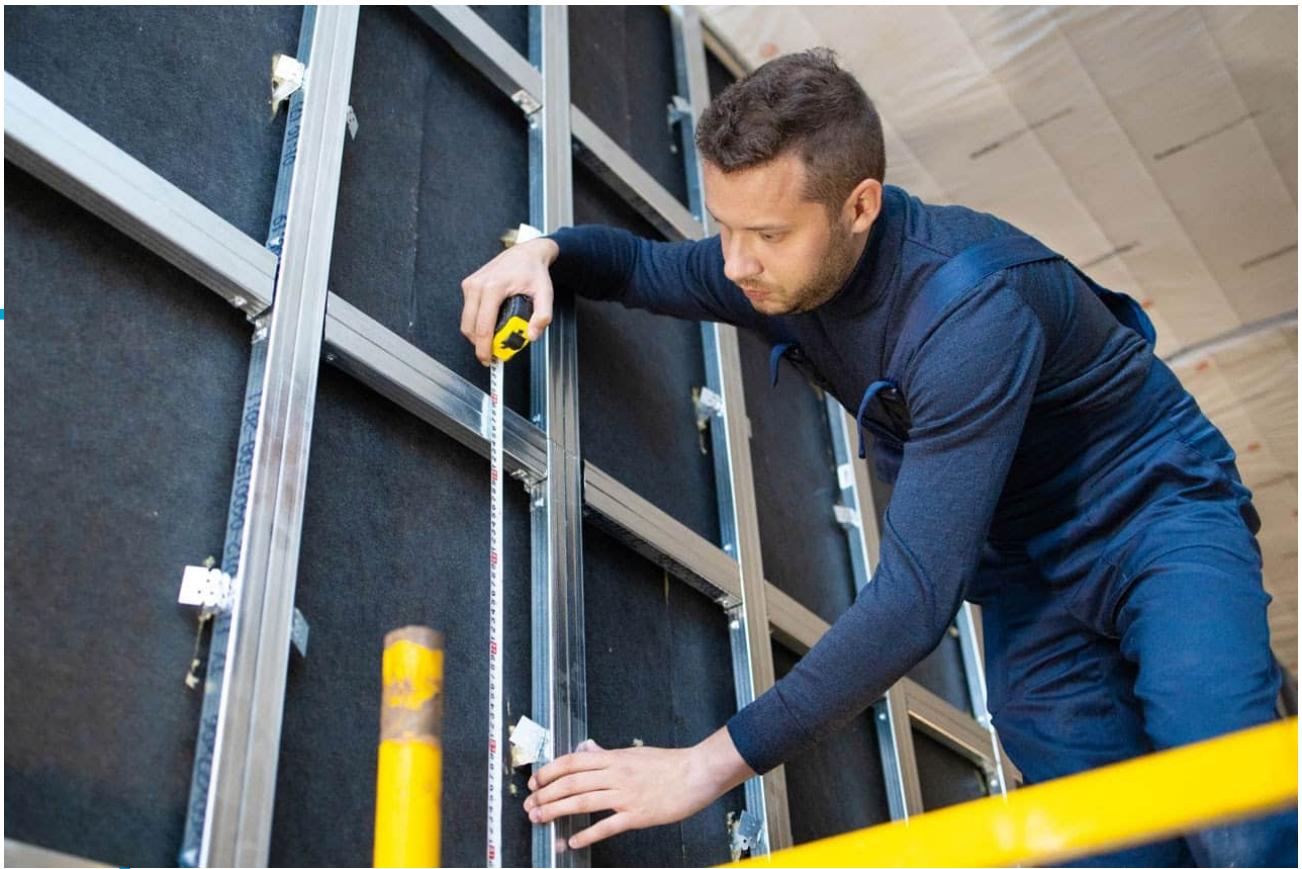


01

ULTRA MUTE™ Sound Barrier



Solace Acoustic Products

Address- E-28, Export Promotion Zone, Side-5 Industrial Area, Kasna, Greater Noida- 201308

Email- enquiry@solaceacoustic.com

Website- www.solaceacoustic.com

 ULTRA MUTE™

ULTRA MUTE™

Sound Barrier

Ultra Mute is a polymer-based sound barrier made of mass-loaded vinyl with high-density thermoplastic components. With an advanced chemical composition of the viscoelastic polymer, the Ultra-Mute sound barrier offers high sound insulation in both industrial and architectural construction elements without increasing the thickness.

ADVANTAGE

- High density
- Ageing resistance
- Fire and water resistance
- Flexible and adaptable to uneven surfaces
- Use in both industrial & architectural projects
- Easy to install, can cut with a knife or scissors
- High performance soundproofing membrane.
- Rot proof, no damage from termites, rats, and insects
- Made of viscoelastic polymer-based mass-loaded vinyl

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APPLICATIONS

- Soundproofing against airborne noise in ceilings and floor
- Reduction of drumming noise level in laminated floors and steel structure
- Combined with sound-absorbent materials, it offers solutions with high acoustic performance
- Damping of noise caused by weathering such as rain and hail noise in metal deck roofs
- Increases airborne noise insulation on surfaces with low surface mass (plasterboard partitions, wooden partitions)
- Its applications in the industrial field cover from the soundproofing of booths to the acoustic insulation of machine rooms, cowling of engines, and pipelines, sound-damping of metal sheets, etc



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TECHNICAL DATA SHEET

Material Type	Mass-loaded vinyl sound barrier sheet with thermoplastic polymer compound.
Color	Black
Environmental Aspects	The material is free of lead, unrefined aromatic oils, and bitumen
Thickness	2,3,4 & 5 mm
Sheet/Roll Size	Width- 1 & 1.2 Meter; Length- 5 & 10 Meter

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TECHNICAL PROPERTIES

Characteristics	Ultra-Mute	Unit	Test Method
Density	2000	Kg/m ³	
Service Temperature Range	-10 to 80	°C	
Tensile Strength	1.5	MPA	NT67
Elongation	140	%	NT67
Water Vapor Resistance	$\mu \geq 1792$	-	UNE-EN 1931 met B
Fire Classification	B-s2-d0/B-s1-d0	-	EN 13501; 2010
Shore A Hardness	85	Shore A	NT74
Odor	Smell free	-	-
TVOC after 28 days	≤ 50	$\mu\text{g}/\text{m}^3$	EN16516

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SOUND

REDUCTION

Product Name	Test Standard	Weighted Sound Reduction Index- Rw (in dB)	Equivalent Sound Transmission Class- STC (in dB)
ULTRA MUTE 2	EN ISO 10140-2, ASTM- E413	22	25
ULTRA MUTE 3	EN ISO 10140-2, ASTM- E413	26	29
ULTRA MUTE 4	EN ISO 10140-2, ASTM- E413	30	33
ULTRA MUTE 5	EN ISO 10140-2, ASTM- E413	32	35

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