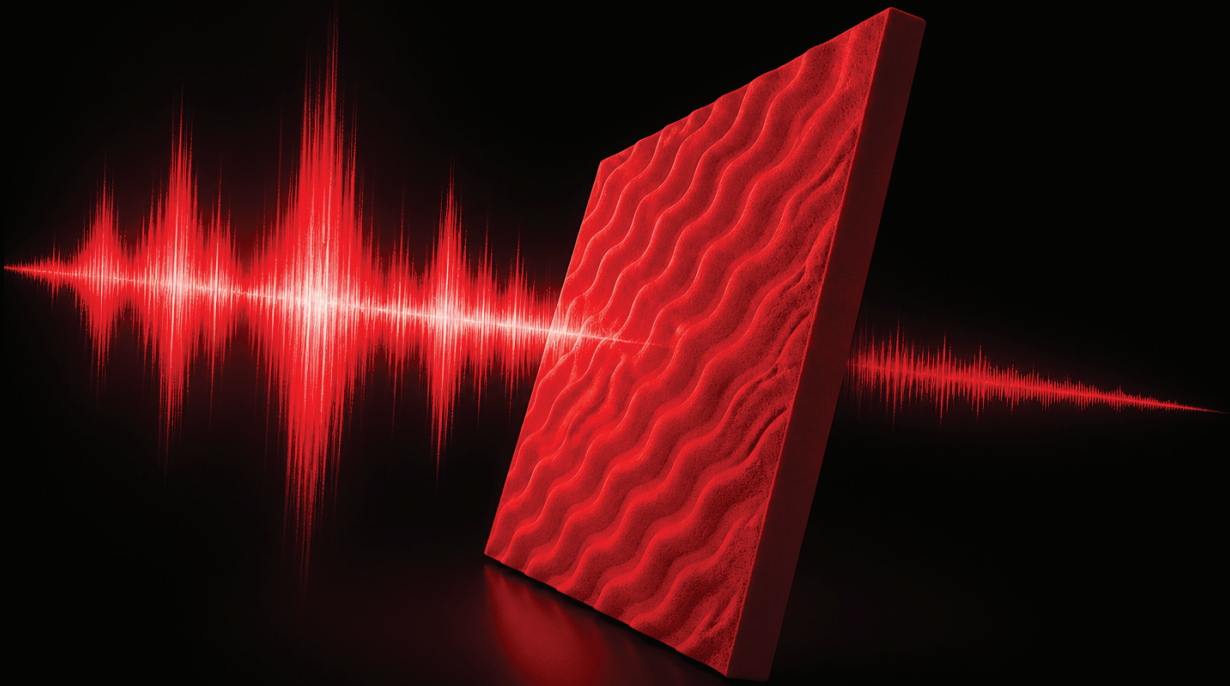


ADVANCED ACOUSTIC SYSTEMS

High Performance Sound Barriers



Healthcare
Facilities



Transportation
& Logistics



Industrial
Applications



Residential &
Commercial



Oil & Gas

incotec

www.soundtech.com

Reducing Noise.Improving Life:

Soundtech delivers advanced acoustic solutions engineered to control noise, enhance comfort, and improve efficiency across residential, commercial, and industrial environments. Our systems are designed for HVAC applications, machinery noise control, and building acoustics.

Key Benefits:

-  **Effective Noise Reduction:** Reduces unwanted noise for quieter, more comfortable spaces.
-  **Thermal Insulation:** Minimizes heat transfer for better temperature control efficiency.
-  **Energy Efficiency:** Optimizes performance to reduce energy usage and costs.
-  **Improved Comfort & Productivity:** Creates comfortable environments that enhance focus and productivity.

Our Acoustic Solutions:

- **Sound Absorbers & Duct Liners:** Reduce airborne noise inside HVAC ducts and systems.
- **Impact Sound Protection:** Minimize vibration and structural noise transmission.
- **Sound Barriers & Lagging:** Control noise from pipes, drainage, and machinery.



Sound Absorbers & Duct Liners:

DL Series – Acoustic Duct Solutions

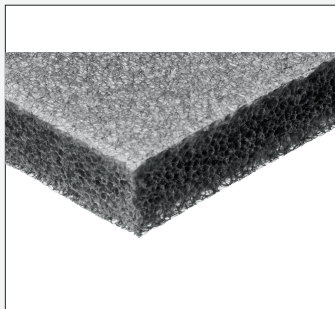
High-performance materials designed to absorb sound waves within HVAC systems while improving thermal efficiency.

Product Overview:



1. DLN

Flexible elastomeric foam with excellent condensation resistance.



2. DLX

Lightweight cross-linked polyethylene foam for acoustic performance.



3. DLXF

Fire-resistant foam with aluminum foil facing.



4. DLNBF

Eco-friendly recycled NBR foam with high durability.

Performance:



Improves airflow efficiency



Reduces airborne noise in ducts.

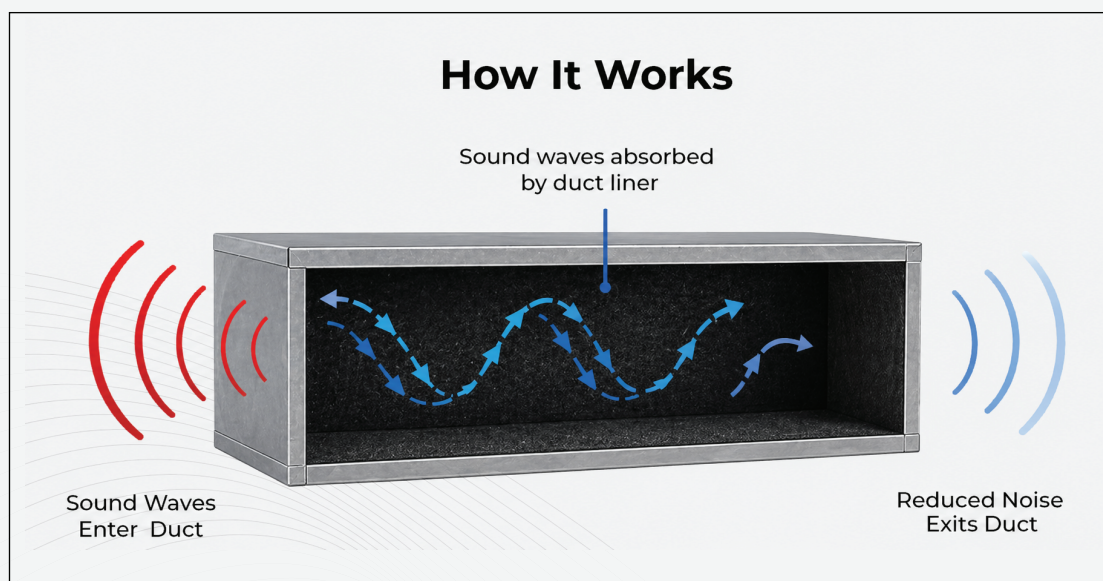


Prevents condensation on duct surfaces



Supports durable, long-lasting HVAC performance

How It Works



Technical Data-Sound Absorbers & Duct Liner

Standard Specifications

Properties	DLN	DLX	DLXF	DLNBF
Density (kg/m³)	60-85	25-35	25-35	80-120
Thermal Conductivity	0.034 W/m-K	0.033 W/m-K	0.033 W/m-K	0.038 W/m-K
Temperature Range	-183 °C to +104 °C	-40 °C to +93 °C	-40 °C to +93 °C	-40 °C to +100 °C
Water Absorption	Low	Low	Low	Moderate
Fire reaction	Meets UL 94	Meets UL 94	Meets UL 94	Meets UL 94
Noise Reduction Coefficient	Up to 0.70	Up to 0.75	Up to 0.75	Up to 0.85
Moisture Resistance	Excellent	Excellent	Excellent	Moderate
Mold Resistance	Resistant	Resistant	Resistant	Resistant

NRC Data

Thickness(mm)	DLN	DLX	DLXF	DLNBF
5	0.12	0.12	0.13	0.15
10	0.22	0.22	0.24	0.28
12	0.26	0.27	0.29	0.32
15	0.32	0.33	0.35	0.38
20	0.42	0.45	0.47	0.48
25	0.50	0.55	0.56	0.55
30	0.55	0.60	0.61	0.60
35	0.58	0.64	0.65	0.65
40	0.62	0.68	0.69	0.72
45	0.66	0.72	0.73	0.78
50	0.70	0.75	0.75	0.85

Impact Sound Protection:

ISP Series – Floor Noise Control

Designed to reduce impact noise such as footsteps and vibrations in flooring systems.

Product Overview:



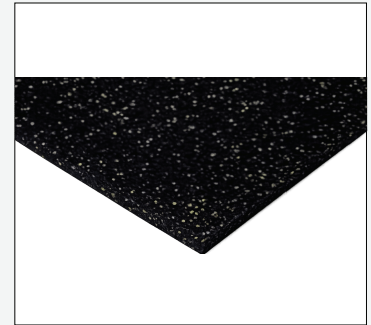
1. ISP AEM

NBR-based floor underlay



2. ISP AXM

XPE based floor underlay



3. ISP ARM

Recycled rubber floor underlay

Performance:



Improves acoustic comfort between floors



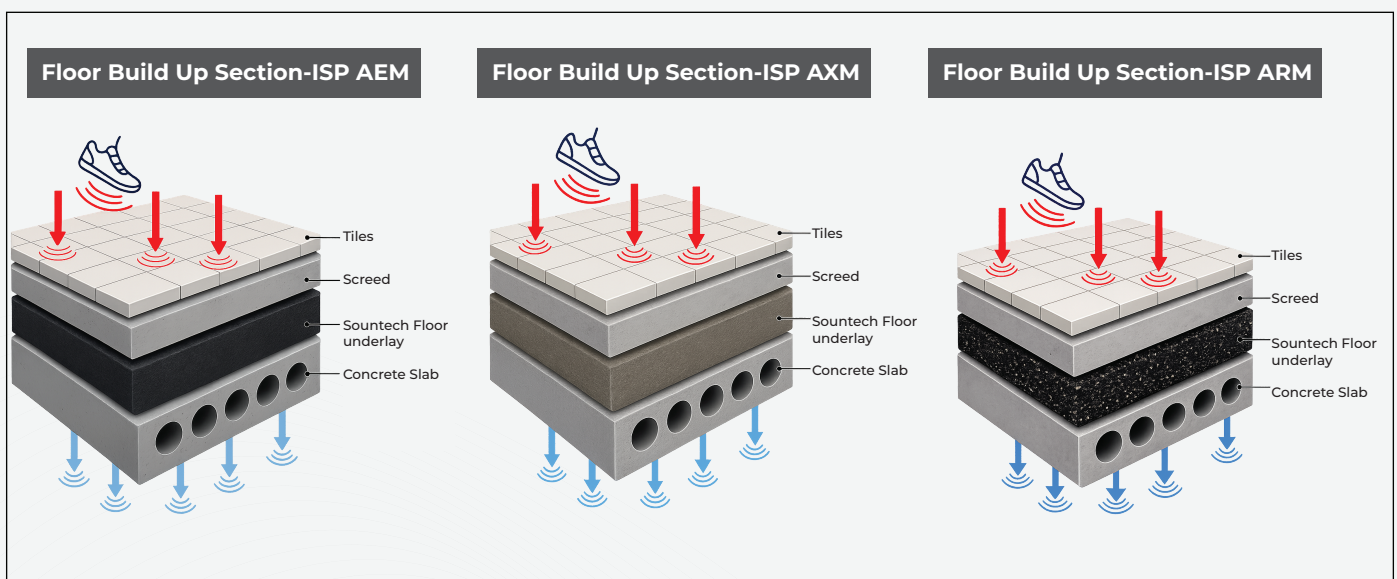
Reduces structure-borne noise.



Suitable for residential & commercial use



Supports durable, long-lasting HVAC performance



Technical Data-Impact Sound Protection

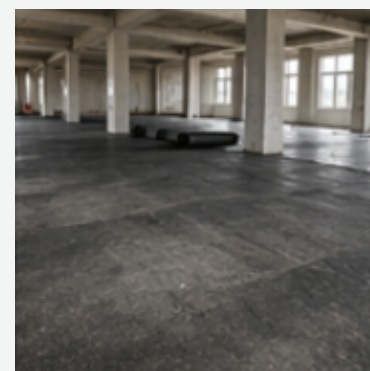
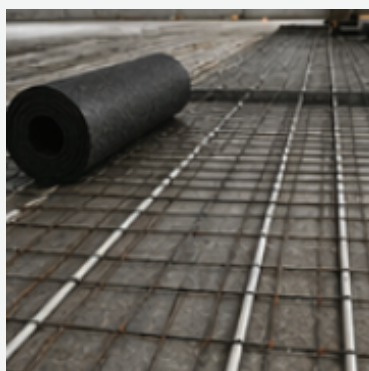
Standard Specifications

Properties	ISP AEM	ISP AXM	ARM
Density (kg/m³)	60-85	25-35	700-750
Thermal Conductivity	0.034 W/m-K	0.033 W/m-K	0.110 W/m-K
Temperature Range	-80 °C to +110 °C	-80 °C to +105 °C	-80 °C to +110 °C
Water Absorption	Low	Low	Extremely Low
Fire reaction	Yes	Yes	Yes
Noise Reduction Coefficient	400 kg/m ²	400 kg/m ²	3,000 kg/m ²
Moisture Resistance	Excellent	Excellent	Excellent
Mold Resistance	60 MN/m ³	65 MN/m ³	75 MN/m ³

- 3mm thick

△||C Impact Insulation Class Performance Without False Ceiling

Finish Type	Flooring System	Thickness of Sountech	ISP AEM	ISP AXM	ISP ARM
Ceramic Tiles	140mm Slab 80mm Screed	3mm	26dB	25dB	22dB
Ceramic Tiles	140mm Slab 80mm Screed	5mm	26dB	25dB	23dB
Vinyl	140mm Slab 80mm Screed	3mm	26dB	26dB	25dB
Vinyl	140mm Slab 80mm Screed	5mm	26dB	26dB	26dB
Bare Slab	140mm Slab 10mm Screed	3mm	33dB	33dB	32dB
Bare Slab	140mm Slab 10mm Screed	5mm	33dB	33dB	33dB

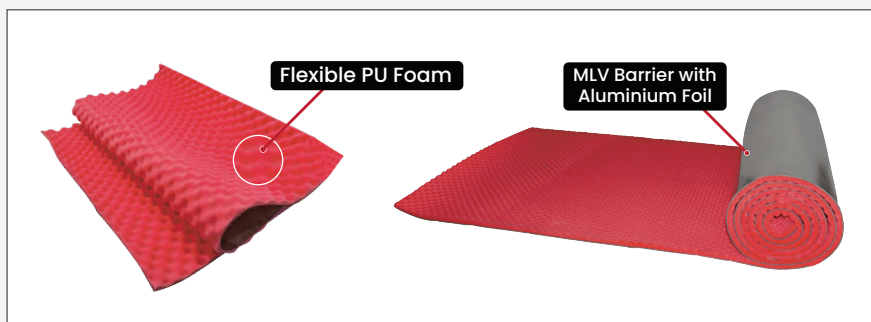


Sound Barriers & ShushWrap:

Sound Barriers & Lagging Solutions

Engineered to block and absorb noise from pipes, equipment, and industrial systems.

Product Overview:



1. Flexible PU Foam

Barrier + absorber
combination

2. MLV Barrier

Mass-loaded vinyl for
high-density sound
blocking

ShushWrap – Acoustic Pipe Lagging

High-performance system designed to reduce wastewater and pipe noise while providing thermal and mechanical protection.

Applications:



Marine and vehicle
soundproofing



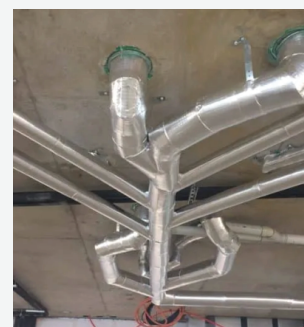
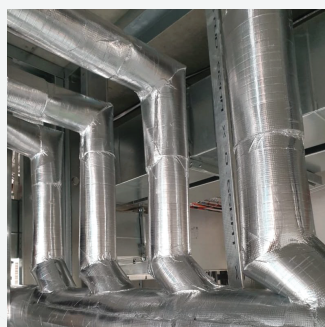
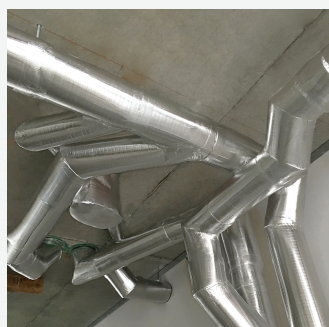
Machinery housings
and plant rooms



Acoustic enclosures for
generators, compressors
and pumps



Building partitions and
acoustic wall liners



Technical Data

Properties	Value/ Assessment	Tested to:
Sound Transmission Class (STC)	30 dB	ASTM E90
Sound reduction index R_w	(C;Ctr) = 30 dB (-1;-4) dB	EN ISO 10140-2
Sound reduction (wastewater system)	12-17 dB	DIN EN 14366
Fire properties	Ignitability : 0 Flame propagation : 0 Heat release : 0 Smoke release : 1	AS/NZS 1530.3
	Class O	BS476 Part 6 & Part 7
Color	RED (Foam Core)	
Thermal conductivity at 23 °C	0.042 W/m·K	ASTM C518
Thermal volatile organic compound emission rate	<0.5mg/m ² /hr	ASTM D5116
Operating temperature range (°C)	-40 °C to +100 °C	Continuous
Odour	Free from odour	ASTM C1304
Size	W: 1350 mm (±20 mm) L: 3 m & 5 m (±50 mm)	
Standard weights	3kg/m ² , 5kg/m ² (±10%)	
Thickness	25 mm ±3 mm	

Note: Product doesn't contain any fibres, asbestos, mercury or lead.

ShushWrap Construction

Layer	Description	Function
Outer Facing	Reinforced Aluminum Foil	Heat reflection, mechanical protection, aesthetic finish
Middle Layer	Mass Loaded Vinyl	High-density sound barrier
Inner Layer	Open-cell Polyurethane Foam	Acoustic absorption & vibration damping

This information, presented by Incotec Group, is accurate to the best of our knowledge at the time of publication. All product data is based on average values and should be used as a general guide only. Due to the unique nature of specific applications, results may vary according to individual circumstances beyond the manufacturer's control. As our products are subject to constant research and development, Incotec Group reserves the right to amend, modify, and/or update the content of this publication at any time, without prior notice.