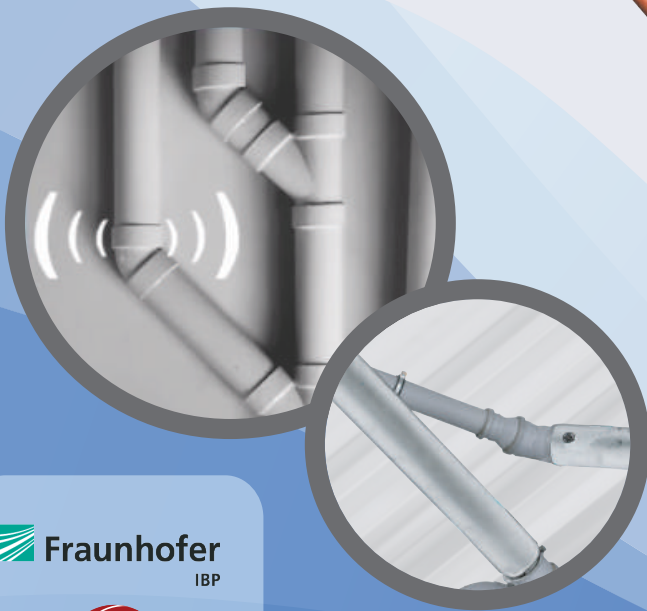
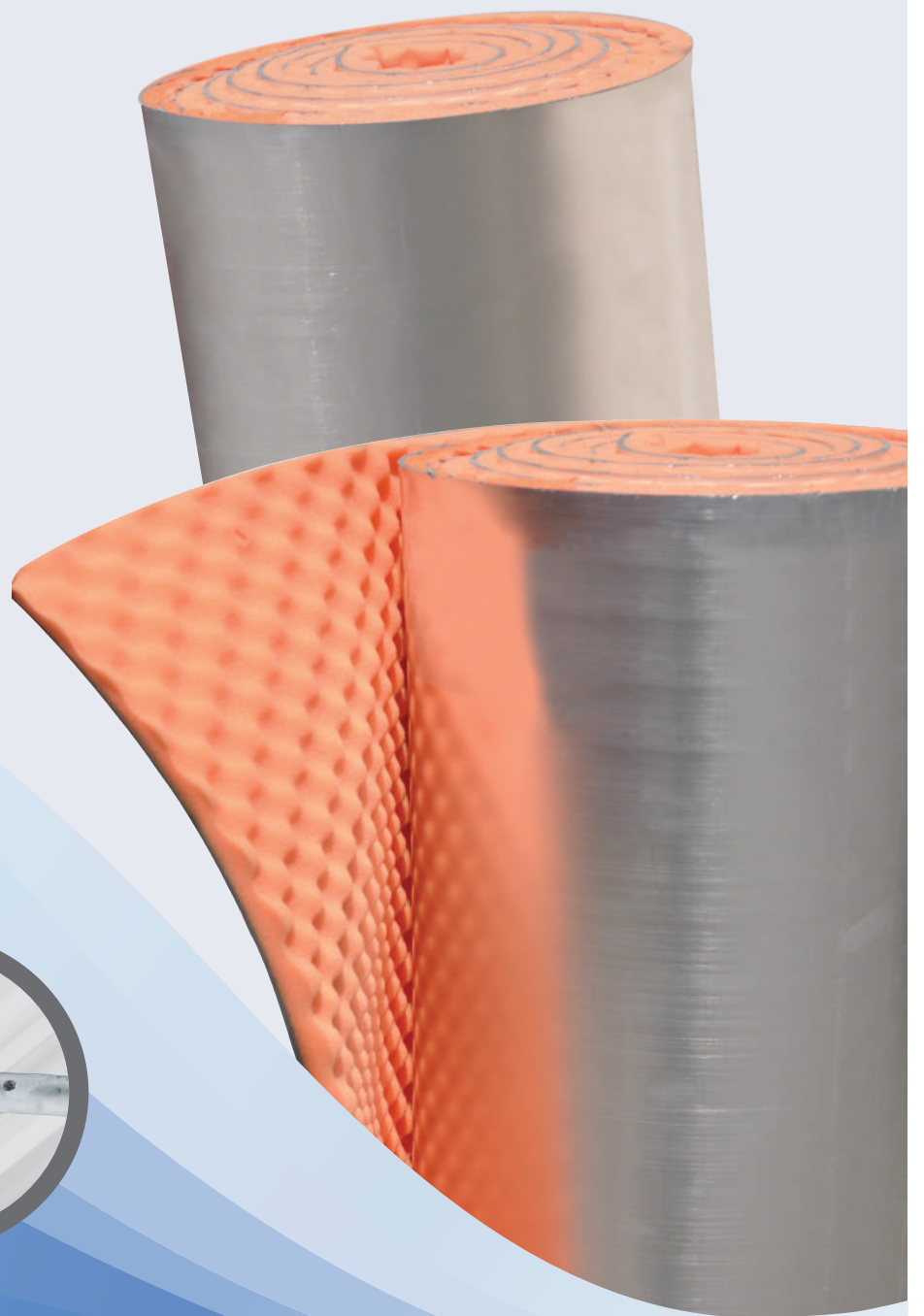


# AEROSOUND

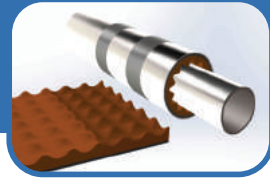
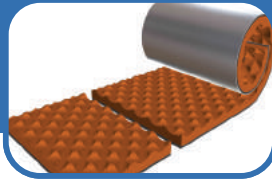
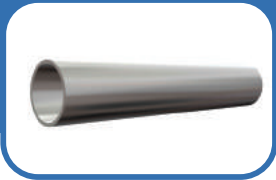
## ACOUSTIC INSULATION



 **Fraunhofer**  
IBP



**D.A.R.L.**



## AeroSound SLM

**Material:** Convoluted PU foam bonded to a flexible MLV-mass loaded vinyl acoustic barrier with pure aluminium foil.

**Weight:** 5kg/m<sup>2</sup> ± 5%

**Thickness:** 25 ± 2mm

**Width:** 1350mm

**Length:** 2.5m and 5m



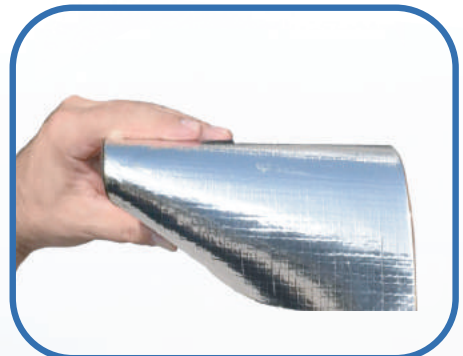
### APPLICATIONS

AeroSound SLM can be used on:

**Pipes** – Engineered to meet the building code, AeroSound SLM is a great solution for waste water pipes as well as any other pipes requiring an acoustic solution.

**Ducting/Ventilation** AeroSound SLM is suitable to be used in both ducting and ventilations application, providing excellent reduction of sound transmission

**Walls/Ceilings** – suitable for use in walls and ceilings as an acoustic barrier preventing sound transmission from both indoors and outdoors



### PROPERTIES

**Acoustic Performance** – Use of a specially engineered flexible acoustic barrier provides excellent reduction in noise transmission.

**Durability** – An aluminium foil barrier provides excellent protection to the product once installed

**Flexibility** – Use of a very flexible foam combined with an acoustic barrier allows for ease of installation in all applications.

**Long Lasting Performance**

### BENEFITS

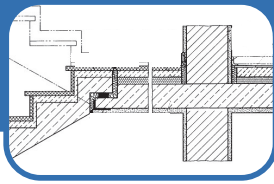
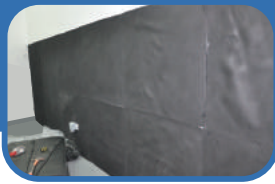
Highly flexible allowing fast installation times.

Designed to be used in multiple applications.

Fibre free non irritant product, requiring no special protective equipment.

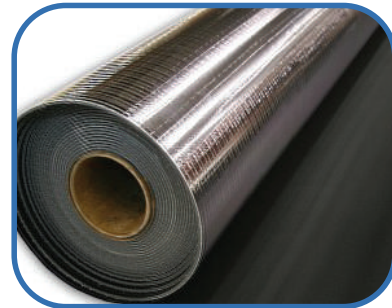
Low VOC emissions complying with building standards.





## AeroSound ALM

**Material:** Flexible MLV (mass loaded vinyl) acoustic barrier with aluminium foil facing.  
**Weight:** 5kg/m  $\pm$  5%  
**Thickness:** 2-4mm  
**Width:** 1350mm  
**Length:** 2.5m and 5m  
**Acoustic Performance:** 18-28 dB



**APPLICATIONS:** Excellent noise reduction barrier for all applications where aesthetic look and clean conditions are required. Product can be used in exposed areas requires frequent cleaning. Suitable for pipes, airducts and all kinds of machines and machinery rooms.

**BENEFITS:** Possible to use in all facilities with high hygienic standards, can be used as permanent or temporary cover. No special tool for installation.

## AeroSound UVM

**Material:** Flexible MLV (mass loaded vinyl) acoustic barrier with UV shield.  
**Weight:** 5kg/m  $\pm$  5%  
**Thickness:** 2-4mm  
**Width:** 1350mm  
**Length:** 2.5m and 5m  
**Acoustic Performance:** 18-28 dB

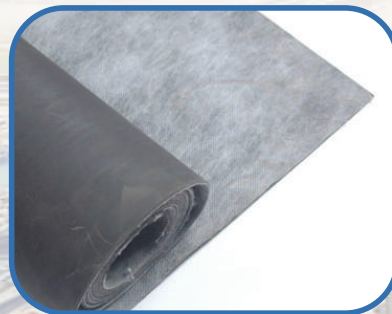


**APPLICATIONS:** Effective noise barrier suitable for all applications where UV resistance is required. Additionally strong reinforced fabric bring excellent mechanical strength. Product is suitable for outdoor, pipelines & enclosures. Good results in automotive and mass transportation when separating vibrating parts.

**BENEFITS:** Possible to cover all noise sources which one located outdoor. Product can be used even on complicated shapes. No special tool for installation.

## AeroSound RFM

**Material:** Flexible MLV (mass loaded vinyl) acoustic barrier reinforced with fabric.  
**Weight:** 5kg/m<sup>2</sup>  $\pm$  5%  
**Thickness:** 2-4mm  
**Width:** 1350mm  
**Length:** 2.5m and 5m  
**Acoustic Performance:** 18-28 dB



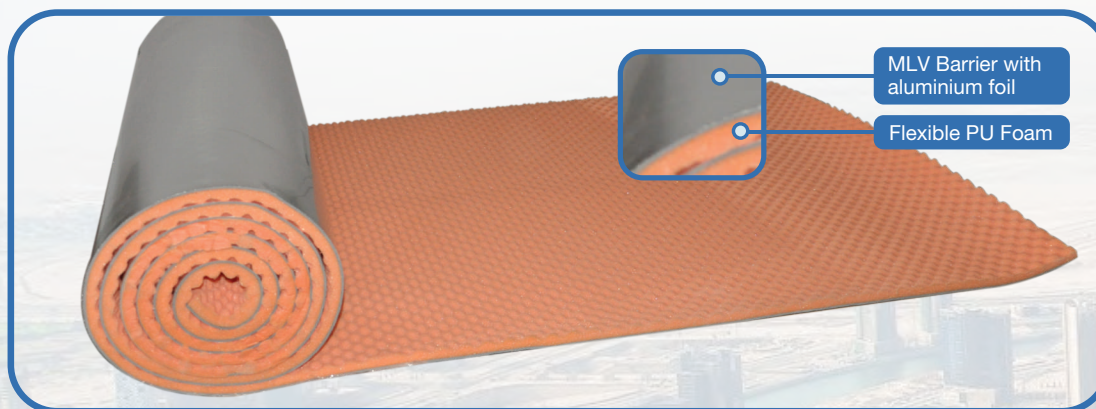
**APPLICATIONS:** Effective noise barrier suitable for civil and industrial applications. Increase performance of existing partition or can be used independently. Flexible nature of material makes installation easy, can be used to avoid flanking noise in all kinds of frames, light structures, beams & pillars.

**BENEFITS:** Using this flexible, universal sound barrier noise reduction can be achieved in easy and fast way. No special tools required for installation.

# AEROSOUND SLM

## TECHNICAL DATA

Properties	Value / Assessment	Tested acc. to:
<b>Fire properties</b>	Ignitability : 0, flame propagation : 0, heat release : 0, smoke release : 1	As per AS1530.3
Sound Transmission Class ( <b>STC</b> )	26 dB	ASTM E90, ASTM E413
Sound Reduction Index <b>R<sub>w</sub></b>	(C;Ctr) = 26 dB (-1;-4)dB	EN ISO 140-3, ASTM E413 & ASTM E90
Sound Reduction (waste water system)	12-14 dB	DIN EN 14366
Color	Silver / Orange	
<b>Thermal Conductivity</b>	0.042 w/mK	ASTM C 518
Total volatile organic compound emission rate	<0.5 mg/m <sup>2</sup> /hr	as per ASTM D5116
Operating temperature range (°C)	-40 °C to +100°C	Continuous
Odour emission	Free from odour	
Size	<b>W:</b> 1350mm, <b>L:</b> 2.5m & 5m	
Weight	5kg/m <sup>2</sup> (±5%)	
Thickness	25mm (±2mm)	
<b>Note:</b> Product does not contain any fibres, asbestos, mercury or lead.		



Disclaimer: This information on Hira Industries products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

UAE-101217 AS - Ver-0.2

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