

HIGH PERFORMANCE NOISE BARRIER



- Excellent at reducing the transmission of airborne sound
- Enhances the insertion loss performance of pipe insulation
- Flexible, easy to install
- $\, \cdot \,$ Mean sound reduction index $R_W: 28 \; dB$
- Free of lead, unrefined aromatic oils and bitumen

Technical data - ArmaSound Barrier E

Description	Vinyi sound barrier mat loaded with naturally occurring minerals. It is high performance sound barrier for a quieter environment				
Material Type	Vinyl sound barrier mat. Thermoplastic polymer compound.				
Colour	Black				
Material Special Information	The material is free of lead, unrefined aromatic oils and bitumen.				
Applications	Flexible sheet for noise control - available as a component of the ArmaSound® Industrial System.				
Assembly	The ArmaSound Industrial Systems Application manual should be consulted before assembly. Please consult our Customer Service Centre.				
Property	Value/ Assessment		Special remarks		
Temperature Range					
Temperature Range	max. service temperature	+ 65 °C	Application temperature > + 5 ° C		
	min. service temperature	- 20 °C			
Fire Performance					
Other Fire Class	FMVSS 302	self-extinguishing			
Acoustic Performance					
Reduction of Structure-borne Sound Transmission	Mean sound reduction index R _W	28.00 dB	ISO 140 Result valid for 4mm		
	Loss factor (at 20 °C, 200 Hz, 1mm steel)	≥0.15			
Weight	1.2mm = 3.0 kg/m ² 2.0mm = 5.0 kg/m ² 3.0mm = 7.5 kg/m ² 4.0mm = 10.0 kg/m ² 5.0mm = 12.5 kg/m ²				
Health Aspects	Free of lead				
Acoustic Insertion Loss	When used as part of a system ArmaSound Barrier E complies to ISO 15665 Classes A to C and Shell DEP 31.46.00.31-Gen Class D.		Tested according to ISO 3741		

All statements and technical information are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the information is appropriate for the specific use intended by the recipient. Adhesive 820T or Armaflex. 520 Adhesive or Armaflex. HT 625 Adhesive must be used to guarantee proper installation

ArmaSound Barrier E sheets



Color black, Width 1.0 m

Sheets						
Code	Thickness [mm]	Width [m]	Length [m]	m²/carton		
ASD-BARE-12-1008	1.2	1.0	8	8.0		
ASD-BARE-20-1006	2.0	1.0	6	6.0		
ASD-BARE-30-1004	3.0	1.0	4	4.0		
ASD-BARE-40-1003	4.0	1.0	3	3.0		
ASD-BARE-50-1003	5.0	1.0	3	3.0		

Remarks	ArmaSound $^{\otimes}$ Barrier E is part of the ArmaSound $^{\otimes}$ Industrial System and should only be installed as a part of it.
	For packing details, all the above items are shipped in plastic bags instead of cartons.

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