

ArmaSound[®]
Barrier E

HIGH PERFORMANCE NOISE BARRIER



- Excellent at reducing the transmission of airborne sound
- Enhances the insertion loss performance of pipe insulation
- Flexible, easy to install

- Mean sound reduction index R_w : 28 dB
- Free of lead, unrefined aromatic oils and bitumen

Technical data - ArmaSound Barrier E

Description	Vinyl 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
	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
	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]	m ² /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® Barrier E is part of the ArmaSound® 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.

