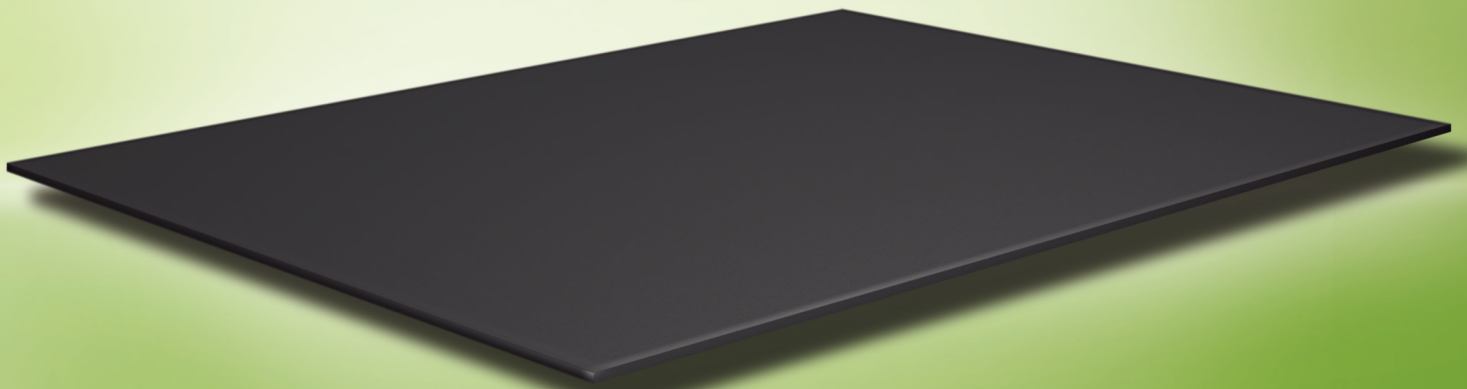


**ArmaSound<sup>®</sup>**  
**Barrier E**

HIGH PERFORMANCE NOISE BARRIER



- Excellent at reducing the transmission of airborne sound
- Enhances the insertion loss performance of pipe insulation
- Flexible, easy to install
- Sound reduction index  $R_W \geq 27$  dB (2mm)
- Free of lead, unrefined aromatic oils and bitumen

Technical Data - ArmaSound® Barrier E

Brief description	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 - designed as an integral component of the ArmaSound® Industrial Systems.		
Assembly	The ArmaSound® Industrial Systems Application manual should be consulted before assembly. Please consult our Customer Service Centre.		
Property	Value/Assessment	Test* <sup>1</sup>	Special Remark
Temperature Range			
Temperature range	max. service temperature	+ 80 °C	
	min. service temperature	- 20 °C	
Fire performance			
Other fire class	LOI>32%	self-extinguishing	ISO 4589-2
Acoustic Performance			
Reduction of structure-borne sound transmission	R <sub>w</sub>	≥ 27 dB (2mm)	GB/T 19889.3-2005
	R <sub>w</sub>	≥ 29 dB (3mm)	
	R <sub>w</sub>	≥ 33 dB (4mm)	
Other Technical Features			
Density	2.5 ± 0.2 g/cm <sup>3</sup>	GB/T 533	
Tensile strength	≥3 MPa	GB/T 528	
Elongation	≥ 80%	GB/T 528	
Health aspects	Free of lead, unrefined aromatic oils and bitumen		
Hazardous substances	Compliant with RoHS		

\*1 Further documents such as test certificates, approvals and the like can be requested using the registration number given.

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area. Armaflex® 520 or Armaflex® HT625 Adhesives must be used to guarantee proper installation. Armacell takes every precaution to ensure the accuracy of the data provided in this document and all statements, technical information and recommendations contained within are believed to be correct. However, Armacell cannot guarantee that the data are 100 % accurate. Furthermore, minor deviations in colour, quality and dimensions are unavoidable and in most cases do not influence the performance of the product. Armacell expressly disclaims any and all liability in relation to any results obtained or arising from any use of the product or reliance on such information. No warranty of fitness for any particular purpose, warranty of merchantability or any other warranty, expressed or implied, is made concerning the goods described or the information provided herein. All the statements and technical information within this document should be read in conjunction with the customer's own specification. It is the responsibility of the recipient to inform all involved parties about the content of these documents. The described and recommended methods should be strictly followed. If there is a requirement to deviate from our recommendations, please contact us in advance to discuss possible suitable alternatives. Armacell will not be liable for any claim resulting from a failure to observe our specification or any other agreed solutions and from non-observance of the customer's specification.

2015 Subject to alterations without prior notice - Our general conditions of sales & delivery shall apply

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