INSTALL IT. ENJOY QUIETNESS.

ArmaComfort
Rail

Excellent solution to reduce sound transmission in trains

// Good fire performance: R10 (2 mm) for HL1, HL2 and HL3 in accordance with EN 45545-2
// Excellent at reducing transmission of airborne sound
// Halogen free
// Lead-free, bitumen-free and phosphate-free
// Flexible and easy to install

armacell®
ArmaComfort™

Brief description	High performance mass loaded sound barrier for a quieter environment in train.
Additional material information	The material is free of lead, bitumen halogen and phosphate.
Product colour range	Black
Applications	Flexible sheet to reduce airborne sound transmission. The substrate must be cleaned, the dust must be removed and the substrate must be dry during application. ArmaComfort Rail can be easily coupled with foams such as melamine or mineral fibre.

Property	Value / Assessment		Standard / Test method
Temperature range			
Service temperature[1]	Min. °C	Max. °C (intermittent)	EN 14706, EN 14707
	-20	80	
Transportation			
Reaction to fire - hazard level	ArmaComfort Rail : 2 mm HL 1,2,3 acc. R10		EN 45545-2
Physical attributes			
Density	≥ 1950 kg / m3		
Dimensions and tolerances	2 mm 1,85- 2.1		EN 822, EN 823, EN 13467
Acoustic performance			
Weighted sound reduction index, Rw (C ; Ctr) (dB)	ArmaComfort Rail: Rw (dB) 2 mm;25 (-1; -3)		ISO 10140-2, EN ISO 717-1
Other technical features			
Application conditions	Application temperature between 5°C and 30°C with relative humidity <80%.		
Shelf life	Self-adhesive sheets: 1 year		
Storage[2]	Can be stored in dry and clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0°c to 35°C).		

[1] For use in temperatures beyond the maximum and minimum service temperature range indicated in the technical data table, please contact our Customer Service Centre.

[2] Shelf life (maximum storage time) is limited to ensure that only currently manufactured products are installed on projects. This limitation is restricted solely to storage of the product and does not affect the lifetime of product after it has been installed.

Sheet – standard. Black

Item	Thickness [mm]	Density [kg/sqm]	Width (m)	Length [m]	Content [metric]
AO-BAR-RS-02	2.0	3.9	1.0	2.2	275 m²

Other information

Remarks	Primary content available as sheet, packed in pallet (number =m²/pallet)

Adhesives and Cleaners

Item	Description	Content [quantity]
ADH520/0,25E	0.25 litre tins of ArmaFlex 520 adhesive with built-in brush, packed in a carton.	24 tin
ADH520/0,5E	0.5 litre tins of ArmaFlex 520 adhesive packed in a carton.	12 tin
ADH520/1,0E	1.0 litre tins of ArmaFlex 520 adhesive packed in a carton.	12 tin
ADH520/2,5E	2.5 litre tins of ArmaFlex 520 adhesive packed in a carton.	8 tin
SF-CLEANER/1,0	Solvent-free cleaner for use with ArmaFlex	6 tin

ABOUT ARMACELL

As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With more than 3,300 employees and 25 production plants in 19 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.

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For more information, please visit:
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