ArmaComfort®

Barrier P & Barrier B

HIGH PERFORMANCE FLEXIBLE
SOUND PROTECTION
IN / VISIBLE

- Excellent at reducing the transmission of airborne sound
- Environmental friendly. 100% recyclable. No contain hazardous substance to human health
- Free of lead, bitumen, halogen and phosphate
- Flexible, easy to cut and install. The pearly white barrier P could remain visible if desired or could be painted

- Self adhesive with very good adhesion on steel and plasterboard

Technical Data - ArmaComfort Barrier

Brief description	High performance mass loaded sound barrier for a quieter environment
Material type	EVA / EPM
Colour	ArmaComfort® Barrier P has a pearly white color. ArmaComfort® Barrier B is black. ArmaComfort® Barrier B Alu has a natural aluminium color.
Material Special Information	The material is free of lead, bitumen halogen and phosphate
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
Manufacturing	Shall be stored indoors, in clean and dry conditions. Storage, self-adhesive: 1 year maximum

Property	Value/Assessment						Test*1	Super-vision*2	Special Remark
Temperature Range									
Temperature Range[1]	max. service temperature		+80 °C						Tested acc. to EN 14706, EN 14707 and EN 14304
	min. service temperature		-20 °C						
Fire performance									
Reaction to fire	ArmaComfort® Barrier P		B-s2, d0				EU 7098 EU 7097 EU 7117	●	Classified acc.to EN 13501-1 Tested acc. to EN 13823 and EN ISO 11925-2
	ArmaComfort® Barrier B		C-s2, d0						
	ArmaComfort® Barrier B Alu		B-s1, d0						
Other Fire Class	ArmaComfort® Barrier P		V-0 @ 2,5 mm				EU 7127 EU 7084	●	EN 60695-11-10-2013. UL 94 Ed. Jan19, 2018 & IMO ISO-5658-2 (2006) FTP 2010 Annex 1 Part 5
	ArmaComfort® Barrier P		IMO MED B Approval						
Acoustic Performance									
	Weighted Sound Reduction Index in accordance with ISO 10140-2								
Calculated broadband insertion loss	ArmaComfort	mm	1 mm	2 mm	3 mm	4 mm	5 mm	EU 7083 EU 7093 EU 7092	●	Tested acc. to EN ISO 10140-1: 2016
	Barrier P	Rw (dB)	23 (-1;-4)	27 (-1;-3)	30 (-1;-4)	32 (-1;-3)	34 (-1;-3)		
	ArmaComfort	mm		2 mm	3 mm	4 mm			
	Barrier B	Rw (dB)		27 (-1;-4)	30 (-1;-4)	32 (-1;-3)			
	ArmaComfort	mm		2 mm	3 mm	4 mm			
	Barrier B Alu	Rw (dB)		27 (0;-3)	30 (-1;-4)	32 (-1;-3)			
Other technical features									
Density	ArmaComfort® Barrier P	kg / m³	≥ 2050						
	ArmaComfort® Barrier B	kg / m³	≥ 1950						
Dimensions and tolerances	In accordance with EN 14304, table 1								Tested according to EN 822, EN 823, EN 13467
Storage & Shelf life	Self-adhesive sheets: 1 year								Can be stored in dry-clean rooms at normal relative humidity (50% to 70 %) and ambient temperature (0 °C-35 °C) Application temperature > + 5 °C and < +30 °C & rel. humidity < 80%

1. For temperatures below -20 °C please contact our Customer Service Center to request for the corresponding technical information.

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

*2 ●: Official supervision by independent institutes and /or test authorities
○: Own in-factory quality monitoring

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ArmaComfort Barrier sheets self-adhesive

Code	Article description	Length [m]	Thickness [mm]	weight/m²	m²/sheet	m²/pallet	€/m²
AO-BAR-BAL02-A	ArmaComfort® Barrier B Alu self adhesive	2	2	3.90	2	200	xxx
AO-BAR-BAL03-A ●	ArmaComfort® Barrier B Alu self adhesive	2	3	5.85	2	120	xxx
AO-BAR-BAL04-A ●	ArmaComfort® Barrier B Alu self adhesive	2	4	7.80	2	100	xxx
AO-BAR-B-03-A ●	ArmaComfort® Barrier B self adhesive	2	3	5.85	2	120	xxx
AO-BAR-B-04-A ●	ArmaComfort® Barrier B self adhesive	2	4	7.80	2	100	xxx
AO-BAR-P-03-A	ArmaComfort® Barrier P self adhesive	2	3	6.30	2	120	xxx
AO-BAR-P-04-A ●	ArmaComfort® Barrier P self adhesive	2	4	8.40	2	100	xxx
AO-BAR-P-05-A ●	ArmaComfort® Barrier P self adhesive	2	5	10.50	2	80	xxx

Remark ArmaComfort® Barriers P , B and B-Au are each of them sold individually on one indivisible pallet. It means that the minimum order quantity is one pallet per item.

● Item not in stock. Delivery on request. [MTO]

ArmaComfort Barrier Standard Rolls

One rolled sheet per carton

Sheets self-adhesive width							
Code	Article description	Width [mm]	Length [m]	Thickness [mm]	weight/m²	m²/roll	€/m²
AO-BAR-B-02-A	ArmaComfort® Barrier B self-adhesive	1.000,0	2	2	3.9	2	xxx
AO-BAR-P-01-A	ArmaComfort® Barrier P self-adhesive	1.000,0	4	1	2.1	4	xxx
AO-BAR-P-02-A	ArmaComfort ® Barrier P self - adhesive	1.000,0	2	2	4.2	2	xxx

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Armacell GmbH
Robert Bosch Str. 10 • 48153 Muenster • Germany
Phone +49 (0) 251 / 76 03-0 • Fax +49 (0) 251 / 76 03-448
www.armacell.com • info@armacell.com

armacell®

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