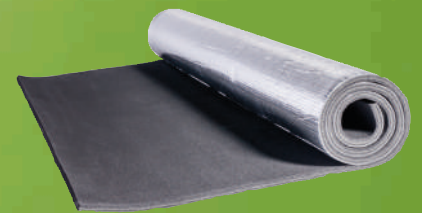




ARMACOMFORT® AB AL PUR

THIN MULTILAYER WITH EXCELLENT
ACOUSTIC PERFORMANCE



- Excellent acoustic lagging for rainwater, sanitary and waste pipes
- Requires minimal space and highly flexible for ease of pipe connection installation
- Excellent fire performance to increase people safety
- $R_w (C;Ctr) = 29 (0;-3) \text{ dB}$, $STC = 29 \text{ dB}$
- B-s1,d0
- Halogen free



شركة قطر للعوازل
Qatar Insulation Company

Technical Data - ArmaComfort AB AL PUR

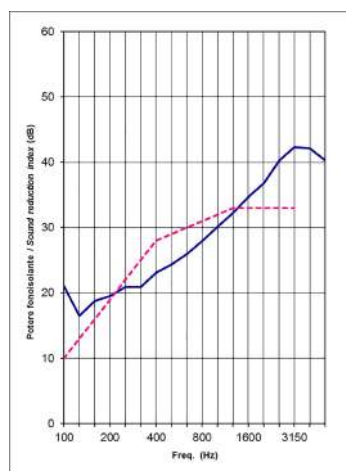
Brief description	ArmaComfort® AB AL PUR combines excellent acoustic performance and excellent fire performance B-s1,d0 to increase people safety.
Material type	Multilayer consists of an acoustic aluminium epm-eva barrier of 2 mm thickness and 4.5 kg/m ² of weight and a decoupling polyurethane foam of 10 mm
Colour	Aluminium covering on a black acoustic barrier combined with a grey foam. Winkless horizontal or diagonal may occurred on the aluminium covering
Material Special Information	ArmaComfort® AB AL PUR offers an outstanding durability
Applications	ArmaComfort® AB AL PUR is widely used as an acoustical insulation of waste, rain water and sewage pipes. It has been specially designed for residential and non residential buildings such as office buildings, hotels, hospitals, school buildings, retirement residence, shopping center, conference center,...
Special Features	Without halogens (chloride, bromide) acc. to DIN / VDE 0472, part 815.

Property	Value/Assessment	Test ^{*1}	Super- vision ^{*2}	Special Remark
Temperature Range				
Temperature Range	max. service temperature	100 °C		Test according to EN 14708 and EN 14304
Fire performance				
Reaction to fire	ArmaComfort AB AL PUR	B-s1,d0	EU 6449	• Tested according to EN 13823 and EN ISO 11925-2
Acoustic Performance				
Calculated broadband insertion loss	Weighted Sound Rw	= 29	dB	• UNI EN ISO 10140-1_2016 UNI EN ISO 10140-2-2010 UNI EN ISO 717-1-2013 ASTM E413-16
	Reduction Index (C;Ctr)	= (0; -3)	dB	
	Sound Transmission Class	STC	= 29	
Other technical features				
Density	Density: ArmaComfort® AB AL PUR in thickness 12 mm (2 mm barrier of 2500 +/- 500 kg/m ³ and 10 mm of polyurethane foam: 25 +/- 1.5 kg/m ³) = 4.5 to 5.3 kg/m ²			
Dimensions and tolerances	In accordance with EN 14304, table 1 Thickness: 12 mm +/- 1.5 mm Width: 1000 mm +/- 1.5% Length 2200 mm +/-1.5%			Test according to EN 822, EN 823, EN 13467
Health aspects	Halogene free		EU 7099	Tested acc. to DIN VDE 0472-815

*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

ArmaComfort® AB AL PUR Sound Reduction Index Rw (EN ISO-717-1) and Sound Transmission Class STC (ASTM E413-16)



X-axis = Freq. (Hz)

Y-axis = Sound Reduction Index (dB)

ArmaComfort AB AL PUR sheets



12,0 mm insulation thickness					
Code	Width [mm]	Length [m]	Thickness [mm]	m ² /carton	€/m ²
AO-11-99-ABAL-PU	1.000,0	2.2	12	2.2	xxx



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