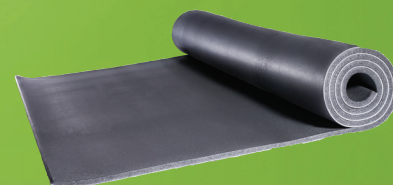


ArmaComfort® AB

HIGH FLEXIBLE ACOUSTIC COMFORT



- Thin and efficient acoustic lagging for rainwater and waste pipes
- Excellent acoustic insertion loss performance
- Prevent condensation and minimise the risk of corrosion
- Easy to apply and maintain

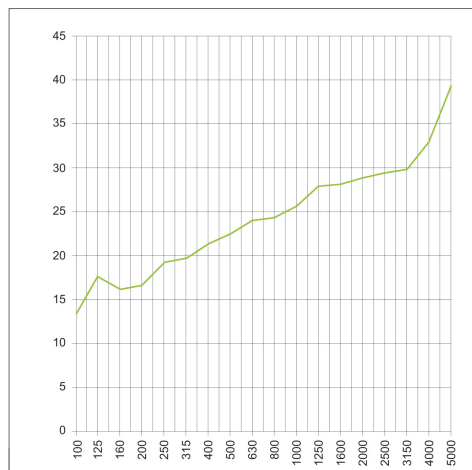
Technical Data - ArmaComfort AB

Brief description	ArmaComfort® AB and AB Plus combine the acoustic performance of an excellent flexible Acoustic Barrier of 2 mm thickness and 4 kg/m ² of weight and a damping Armaflex® flexible elastomeric foam of 9 mm.
Material type	Multilayer consists of an acoustic epdm-eva barrier and an elastomeric foam based on synthetic rubber.
Colour	Black
Material Special Information	ArmaComfort® AB and AB Plus offer an outstanding durability.
Applications	ArmaComfort® AB and AB Plus are widely used as an acoustical insulation of waste water, rain water and sewage pipes in residential and non-residential buildings.
Remarks	Declaration of Performance is available in accordance with Article 7(3) of Regulation (EU) No 305/2011 on our homepage: www.armacell.com/DoP

Property	Value/Assessment	Test ^{*1}	Special Remark
Temperature Range			
Temperature Range	max. service temperature min. service temperature	+110 °C	
Thermal Conductivity			
Thermal Conductivity	$\vartheta_m \pm 0$	°C	$\lambda =$
	$\lambda \leq 0,042$	W/(m · K)	$[42 + 0,1 \cdot \vartheta_m + 0,0009 \cdot \vartheta_m^2]/1000$
Water vapour diffusion resistance			
Water vapour diffusion resistance	μ	\geq	7.000
Fire performance			
Reaction to fire	ArmaComfort® AB	D-s2,d0	EU 5843 EU 5933
	ArmaComfort® AB Plus	C-s2,d0	
	ArmaComfort® AB Plus Self-Adhesive	C-s2,d0	
Acoustic Performance			
Reduction of structure-borne sound transmission	on plastic waste water pipes	\leq	14 dB(A)
	on Geberit PE HD	\leq	16 dB(A)
	on Geberit Silent db 20	\leq	18 dB(A)
	Weighted sound reduction index		
Calculated broadband insertion loss	Rw =	26	dB
	(C;Ctr) =	(-1;-3)	dB
Other technical features			
Density	ArmaComfort® AB and AB Plus in thickness 11 mm = 3,9 - 5,3 kg/m ²		
Dimensions and tolerances	Thickness: 11 mm \pm 1,6 mm Width: 1000 mm \pm 1,5% Length: 2000 mm \pm 1,5%		

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

ArmaComfort® AB Sound Reduction Index Rw (EN ISO-717-1)



X-axis = Frequences (Hz)

Y-axis = Sound Reduction Index (dB)

notes

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