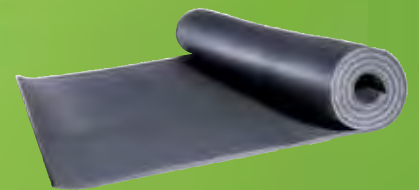


ArmaComfort® AB

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 |

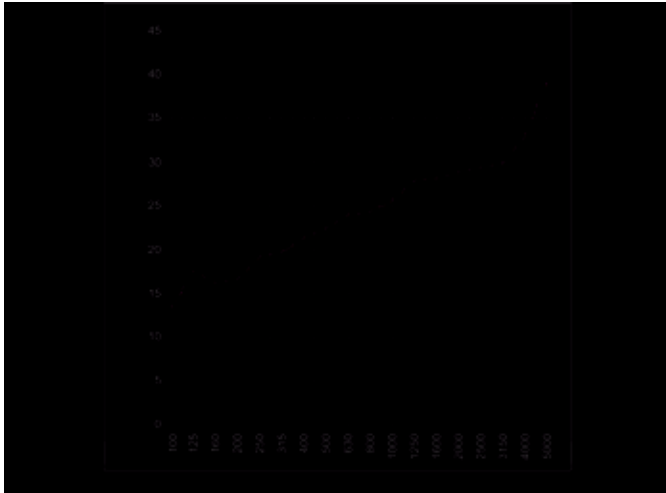
| Property | Value/Assessment | Test ^{*1} | Super-vision ^{*2} | Special Remark |
|---|---|--|----------------------------|---|
| Temperature Range | | | | |
| Temperature Range | max. service temperature +110 °C min. service temperature | | | |
| Thermal Conductivity | | | | |
| Thermal Conductivity | $\vartheta_m \pm 0$ °C | $\lambda =$ | EU 5843 EU 5933 | o/● Declared acc. to EN ISO 13787 Tested acc. to EN 12667 |
| | $\lambda \leq 0,042$ W/(m · K) | $[42 + 0,1 \cdot \vartheta_m + 0,0009 \cdot \vartheta_m^2]/1000$ | | |
| Water vapour diffusion resistance | | | | |
| Water vapour diffusion resistance | $\mu \geq 7.000$ | | | EU 5843 |
| Fire performance | | | | |
| Reaction to fire | ArmaComfort® AB D-s2,d0 ArmaComfort® AB Plus C-s2,d0 ArmaComfort® AB Plus Self-Adhesive C-s2,d0 | EU 5843 EU 5933 | o/● | Classified acc. to EN 13501-1 Tested acc. to EN 13823 and EN ISO 11925-2 |
| Acoustic Performance | | | | |
| Reduction of structure-borne sound transmission | on plastic waste water pipes | ≤ 14 dB(A) | EU 6410 | o Tested acc. to EN 14366 |
| | on Geberit PE HD | ≤ 16 dB(A) | EU 6411 | |
| | on Geberit Silent db 20 | ≤ 18 dB(A) | EU 6733 | |
| Weighted sound reduction index | | | | |
| Calculated broadband insertion loss | Rw = 26 dB | | EU 6412 | o UNI EN ISO 10140 -1-2012 /-2-2010 UNI ISO 717-1: 2003 |
| | (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 | | o | |
| Dimensions and tolerances | Thickness: 11 mm \pm 1,6 mm Width: 1000 mm \pm 1,5% Length: 2000 mm \pm 1,5% | | o | |

*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
o: Own in-factory quality monitoring

Technical Data - ArmaComfort AB

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



X-axis = Frequences (Hz)

Y-axis = Sound Reduction Index (dB)

ArmaComfort AB sheets



Color black

| Code | Width [mm] | Length [m] | Thickness [mm] | m ² /carton | €/m ² |
|---------------|------------|------------|----------------|------------------------|------------------|
| AO-11-99/E-AB | 1.000,0 | 2 | 11 | 2 | xxx |

Remark ArmaComfort® AB must be applied with Armaflex®520 adhesive and ArmaComfort® AB tape

ArmaComfort AB Plus sheets



Color black

| Code | Width [mm] | Length [m] | Thickness [mm] | m ² /carton | €/m ² |
|----------------|------------|------------|----------------|------------------------|------------------|
| AO-11-99/E-AB+ | 1.000,0 | 2 | 11 | 2 | xxx |

Remark ArmaComfort®AB Plus must be applied with Armaflex® 520 adhesive and ArmaComfort®AB tape

ArmaComfort AB Plus sheets self-adhesive



Color black

| Code | Width [mm] | Length [m] | Thickness [mm] | m ² /carton | €/m ² |
|-----------------|------------|------------|----------------|------------------------|------------------|
| AO-11-99/EA-AB+ | 1.000,0 | 2 | 11 | 2 | xxx |

Remark ArmaComfort® AB Plus self-adhesive must be applied with Armaflex®520 adhesive and ArmaComfort® AB tape

ArmaComfort AB tapes



Color black

| Code | Width [mm] | Length [m] | Thickness [mm] | Rolls/carton | €/roll |
|---------------|------------|------------|----------------|--------------|--------|
| TAPE-PE-FE904 | 50,0 | 25 | 0.23 | 30 | xxx |

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. Installation instructions are available in our Armaflex installation manual. Please consult our Customer Service Center before insulating stainless steels. For some refrigerants the discharge temperature may exceed +110 °C, please consult our Customer Service Center for further information.

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



Tel: +973 1737 6969, P.O Box 50121, Building 1284
Road 1516, Block 115, Bahrain International Investment Park
Salman Industrial City, Hidd, Kingdom of Bahrain
Website: www.armacell.com

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