

LONG-TERM RELIABILITY AND ENERGY EFFICIENCY

ArmaFlex[®] System Solutions

The whole is more than the sum of its parts. In technical insulation, great results are achieved when all the components fit together, are tested as a system and installed professionally. The ArmaFlex system family ensures all this. Everything fits together perfectly to form the whole.

www.armacell.eu



 **armacell**[®]
MAKING A DIFFERENCE AROUND THE WORLD

LEARN MORE.

SYSTEME

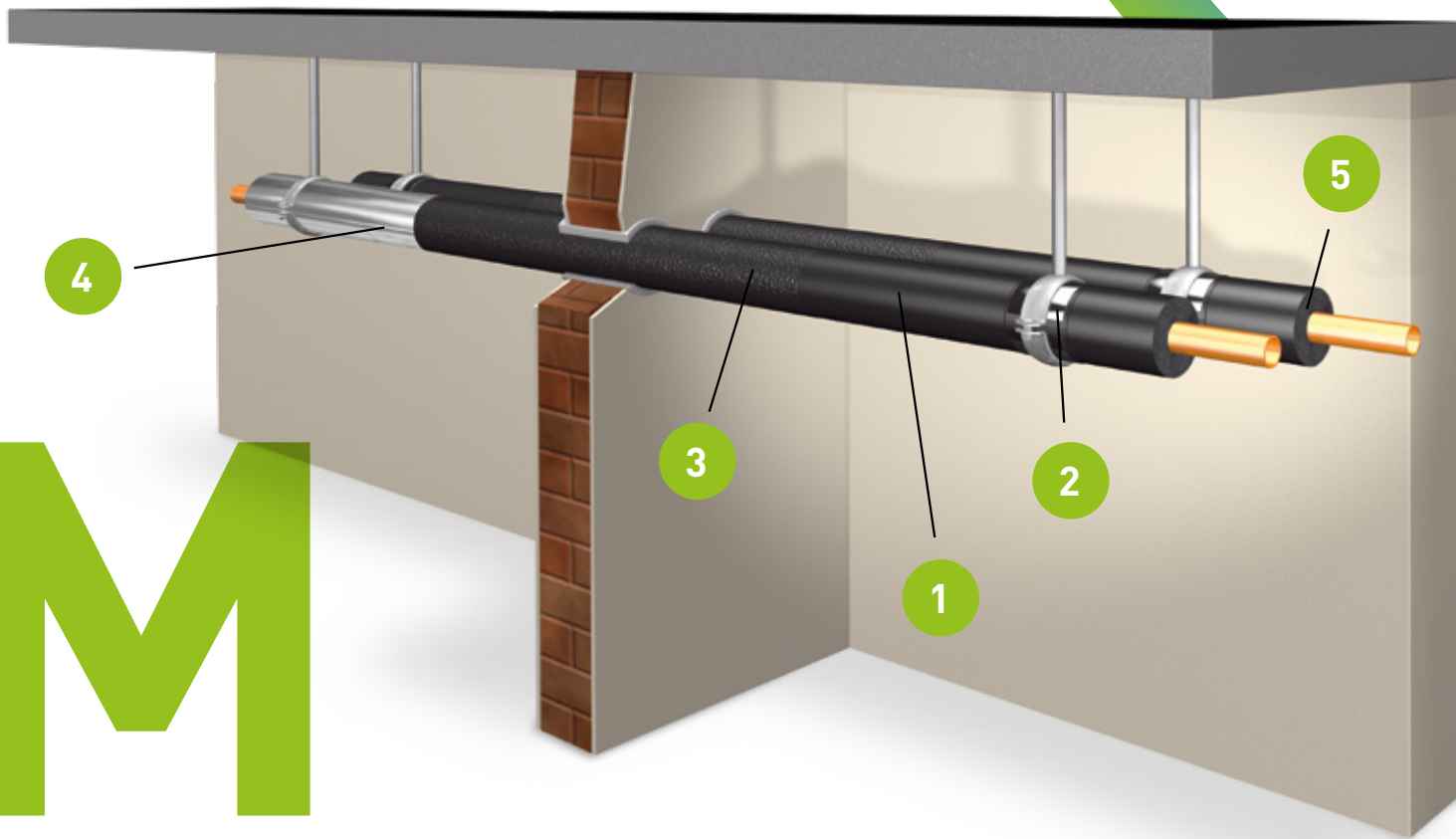
ONE-STOP SOLUTIONS



We are the inventors of flexible elastomeric foams for equipment insulation. We develop innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for our customers. Our system solutions, where individual components fit harmoniously together for quick and simple professional installation, offer stand-out functionality.

- // Reliable, long-term condensation control
- // Energy efficient
- // Quick, easy and reliable installation
- // Professional fire protection
- // Mechanical resistance
- // Low total installed costs

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GREEN BUILDING

Armacell is the first manufacturer of flexible technical insulation materials to present environmental product declarations (EPDs) – the prerequisite for green building programs. Armacell’s EPDs are based on an independent lifecycle assessment (LCA).



MICROBAN®

AF/ArmaFlex products are equipped with MICROBAN®. These antimicrobial additives are integrated into the products during the manufacturing process and provide proactive protection against bacteria, mould and mildew.

// AF/ArmaFlex®

Thanks to the unrivalled combination of technical and installation features, AF/ArmaFlex offers superior performance at lower total installed cost. This material ensures that equipment is reliably protected against condensation and energy losses throughout its service life.

// ArmaFix® AF

Pipe hangers are typically potential weak spots in an insulation system. ArmaFix AF prevents thermal bridging and condensation, offering maximum reliability as well as quick and easy installation. As the PET cores are made of recycled material, ArmaFix AF helps to conserve natural resources.

PROTECT AND PREVENT CONDENSATION.

Condensation is the number one enemy of technical insulation. When moisture forms on the surface of pipes or water vapour penetrates the insulation material from the outside, the insulation system fails. Undesirable effects may include energy loss, corrosion under insulation, mould, and high maintenance and repair costs. Reliable condensation control is key. Armacell's flexible, lightweight, high-tech ArmaFlex insulation material features a closed-cell structure with low thermal conductivity and a built-in vapour retarder.



// ArmaFlex Protect

When pipes penetrate walls and ceilings they form a path along which flames and smoke could spread. ArmaFlex Protect enables pipe penetrations to be sealed off more simply than before, as well as providing effective thermal insulation and reliable condensation control.



// Arma-Chek®

Arma-Chek Silver is the perfect choice in areas subject to greater mechanical stress. Unlike traditional insulation materials and coverings, this durable factory-covered product can be installed fast in a single step and is easy to clean.



// ArmaFlex Accessories

ArmaFlex system components are optimally coordinated with each other and ensure high reliability and maximum performance. When, on the other hand, incompatible accessories such as adhesives, tapes or cleaners are used, technical problems may occur.

LEARN MORE.

SMART SOLUTIONS FOR YOUR BUSINESS



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At www.armacell.eu you will find a wealth of information – 24 hours a day, 365 days a year.

- // Specification clauses and test certificates for Armacell product solutions
- // BIM plug-in to plan technical insulation digitally
- // ArmWin program for technical calculations
- // Application manuals and installation videos
- // Latest training and seminar dates and much more

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. Armacell takes every precaution to ensure the accuracy of the data provided in this document and all statements, technical information and recommendations contained within are believed to be correct at the time of publication. By ordering/receiving product you accept the **Armacell General Terms and Conditions of Sale** applicable in the region. Please request a copy if you have not received these.

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ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic 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 3,100 employees and 24 production plants in 16 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology. For more information, please visit: www.armacell.com.

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