

## PROFESSIONAL INSULATION THICKNESS CALCULATOR

# ArmaWin™

We have revamped our technical insulation calculator. Our brand-new ArmaWin has a new and improved interface, and offers a broad variety of new functions. **Faster, more user-friendly and more versatile.** Check it out now.

Just a few clicks to the optimal insulation thickness.

[www.armawin.com](http://www.armawin.com)

 **armacell®**  
DRIVING ENERGY EFFICIENCY



# ARMAWIN – TECHNICAL INSULATION CALCULATION

Good planning is half the battle: Choosing the right insulation material and considering its impact on the longevity and energy efficiency of the mechanical equipment is crucial when it comes to setting up a project.

With our new ArmaWin software, you can now plan your technical insulation project even more professionally, quickly and in more detail. This powerful expert tool enables you to carry out all common technical insulation calculations both for refrigeration/air-conditioning and for sanitary/heating applications. Highlights of our new software: You can now create your own account and retrieve your calculations. The energy savings of the insulated vs. uninsulated system is given in percentage terms. With our new feature "Economical insulation thickness" specifiers, tendering authorities and insulation contractors can

easily determine the higher energy savings potential through an optimal insulation thickness and demonstrate it to their customers.

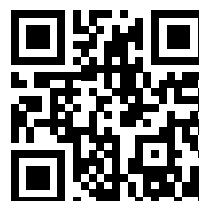
ArmaWin takes into account the standards VDI 2055-1 and ISO 12241, plus also JIS A 9501 and GB/T 8175-2008. In future, the new ISO 12241-2022, which provides a new approach to convective calculation, ASTM C680 and other local standards will also be incorporated. What's more, in addition to calculations with country-specific Armacell products, the planning of generic insulation materials such as mineral

wool or calcium silicate in accordance with VDI 2055-1 is also possible. Even the calculation of multi-layer insulation constructions can be easily done, and you will be supported at all stages of the calculation.

You can use ArmaWin on- or offline at your workplace, and also comfortably and flexibly via mobile devices. Calculations can be carried out quickly while on the move or directly on the construction site. To get the most out of ArmaWin, we recommend that you register and log in.



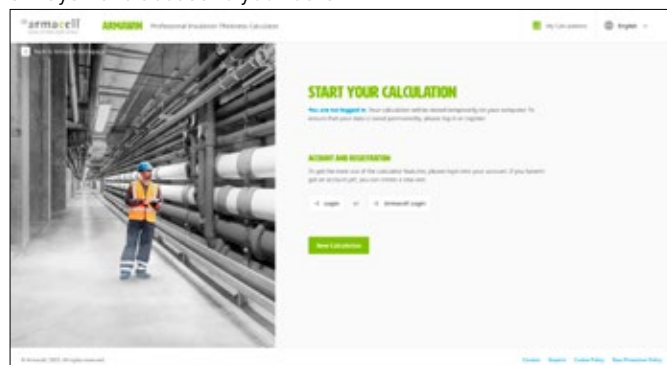
- // Easy, intuitive navigation
- // Calculating energy and CO<sub>2</sub> savings
- // Payback calculations
- // Comparative calculations
- // Continuous development with new functions



Just a few clicks to the optimum insulation thickness.

## STEP 1: GET STARTED RIGHT AWAY.

At **www.armawin.com** you can do all technical insulation calculations. If you log in, you can create an account and always have access to your data.



## STEP 2: WHAT DO YOU WANT TO CALCULATE?

You can select different calculation standards and carry out seven different calculation types, e.g. for condensation control or economical thicknesses.



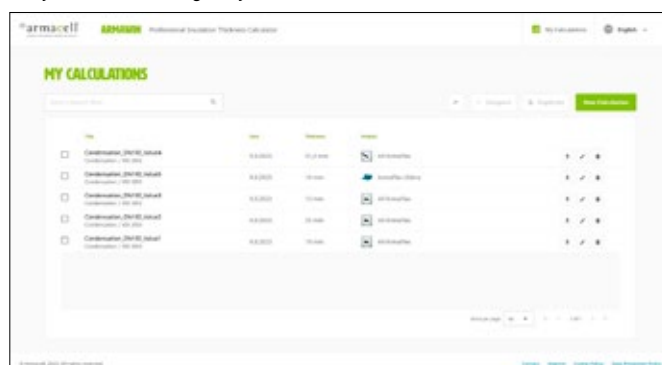
## STEP 3: GET YOUR RESULTS WITH JUST A FEW CLICKS.

Enter the required parameters and get your results directly in comparison to an uninsulated object (insulation efficiency).



## STEP 4: SAVE YOUR CALCULATIONS.

Download or save the file in your calculations. If you are logged in, the calculations will be stored, if not, they are only visible as long as you are in the session.



## ECONOMICAL INSULATION THICKNESS

This feature offers you a broad variety of new calculation options. **You want to find out whether an insulation thickness is the most energy efficient or economical solution?** You can easily compare different insulation thicknesses by adding further wall thicknesses (in mm) and costs to your calculation. You will see the different investment costs, energy loss costs with or without investment, annual savings, payback period, CO<sub>2</sub> reduction and the energy savings in percentage. The green line the graph shows the total costs and the most economical insulation thickness.

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. Despite taking every precaution to ensure that said data and technical information are up to date, Armacell does not make any representation or warranty, express or implied, as to the accuracy, content or completeness of said data and technical information. Armacell also does not assume any liability towards any person resulting from the use of said data or technical information. Armacell reserves the right to revoke, modify or amend this document at any moment. 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. This document does not constitute nor is part of a legal offer to sell or to contract.

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## ABOUT ARMACELL

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As the inventor of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal and mechanical insulation solutions that create sustainable value for its customers. Armacell's products significantly contribute to driving energy efficiency worldwide. With more than 3,300 employees and 25 production plants in 20 countries, Armacell operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for acoustic and lightweight applications, recycled PET products, next-generation aerogel technology and passive fire protection systems.

For product information, please visit:  
[www.armacell.com](http://www.armacell.com)

