ARMACELL ENGINEERED SYSTEMS
INSULATION ENGINEERED FOR THE OIL & GAS INDUSTRY
WE IDENTIFIED THEM, THEN WE DEVELOPED A SOLUTION.

Facilities and processes in demanding environments from Offshore based operations to Marine and Floating Production to land based LNG and Petrochemical plants, all face the same challenges when it comes to ensuring people’s safety, reducing noise emissions and protecting the installations.

The insulation and cladding should be easy and fast to apply, thermal insulation properties must guarantee long term performance, noise reduction is to be achieved according to the standards, maintenance times and frequency to be kept as low as possible to reduce down-times and a safe environment must be observed. And last, but not least, all this at the minimum costs possible.

8 CHALLENGES.

• Corrosion Under Insulation (CUI)
• Noise Control
• Space & Weight Saving
• Reduced Installed Costs
• Ease of Installation
• Reduced Maintenance
• Health, Safety & Environment
• Winterisation & Trace Heating

TRUSTED BY THE WORLD’S LEADING OIL AND GAS OPERATORS AND ENGINEERING HOUSES. INSTALLED BY INSULATION CONTRACTORS AROUND THE WORLD.

INDUSTRIAL INSULATION SYSTEMS BY ARMACELL.

ARMASOUND INDUSTRIAL SYSTEMS
The sandwich system of Armaflex, ArmaSound RD 240, ArmaSound Barrier E and Arma-Chek R is the first integrated thermal-acoustic insulation system for industrial applications combining reliable mitigation of CUI and noise reduction with unmatched space and weight efficiency.

ARMAFLEX THERMAL & CRYOGENIC SYSTEMS
The first flexible insulation systems for operating temperatures ranging from as low as -180 °C up to +125 ºC. The systems offer significant cost savings during installation, and highly reduced risk of Corrosion Under Insulation (CUI) thanks to the closed-cell structure of the material.

CLADDING SYSTEMS
Complete range of high performance jacketing systems for insulation protection:
• Arma-Chek R: Flexible polymeric covering
• Okabell: full range of stainless steel, aluminized steel and aluzinc jacketing
• UV-cured GRP cladding

ACCESSORIES & FIXING MATERIALS
Professional tools & accessories for reliable application of the insulation systems, including Armaflex Adhesives, Arma-Chek Mastic Sealants, Metal Bands, etc.
From Ichthys LNG in Australia, to Deep Panuke in Canada, to Sakhalin in Russia, Armacell is trusted to protect some of the world’s most important LNG facilities, Offshore and Petrochemical projects.
ABOUT US.

OUR ROOTS ARE DEEP DOWN. OUR AIMS, HIGH UP.

The company: Armacell Engineered Systems Ltd is the dedicated Oil & Gas division of Armacell International Holding GmbH. We have dedicated teams in North America, Asia Pacific, Europe and Middle East.

Armacell was founded in 1860 under the name of Armstrong. In 1954 Armstrong invented Armaflex, the first flexible elastomeric foam (FEF) insulation product and a leading global brand. The company has been successfully operating in the Oil & Gas sector with a dedicated division since 1998. Armstrong’s insulation division became independent under the name of Armacell in 2000.

Global presence:
With 2,600 employees, 23 plants in 16 countries on 4 continents, Armacell has presence in 88 countries.

Our Mission: As inventors of flexible elastomeric foams for insulation, we focus on developing safe, innovative thermal, acoustic and mechanical solutions and systems that create value for our customers in a sustainable way.

Our Values:  
- Customer experience  
- Commitment  
- Empowerment and accountability  
- Integrity  
- Sustainability

ABOUT RELIABILITY & INNOVATION

Armacell R&D facilities include a fully equipped testing department with fire, chemical and application labs at the company’s headquarters in Münster, Germany (total area: 2000 square meters).

Armacell works closely with many recognised leading institutes and partners to test and approve its insulation materials and systems.

The Engineered Systems product range is tested and accredited to many of the leading international standards and approvals bodies including:
- BS, EN, ASTM and ISO standards  
- IMO  
- Lloyd’s, Bureau Veritas, DNV, USCG  
- Norsok

THE BENEFITS.

OR WHY OUR CUSTOMERS CHOOSE TO WORK WITH US.

PRODUCTS, SYSTEMS, SERVICES...

For us the journey starts at the design phase, it’s about finding the best solution for the project and considering the individual needs of our clients. Our job does not end with manufacturing and supply of the right products. We are there throughout the project execution, taking care of logistics and offering tailored training and application support services on site.

That’s why we continuously work with the operators, EPC’s and insulation contractors around the world on developing innovative system solutions and offering value adding services to meet and exceed our client’s expectations and make their and our projects successful.

OUR SERVICES TO CONTRACTORS, ENGINEERS AND OPERATORS

Project Management
- Shipping and Logistics  
- Procurement  
- Documentation  
- Invoicing  
- Inspection  
- Training and Application Support

Technical Support
- Specifications  
- Testing and Certification  
- Site Training and Application Support  
- Product Management  
- Thickness Calculations  
- Documentation