

ARMACELL – MAKING A **DIFFERENCE** AROUND THE **WORLD**. GRIHA – NEW DELHI

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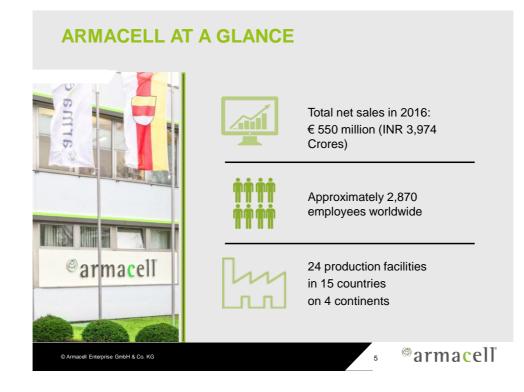


ARMACELL – PIONEER IN FLEXIBLE INSULATION PRODUCTS

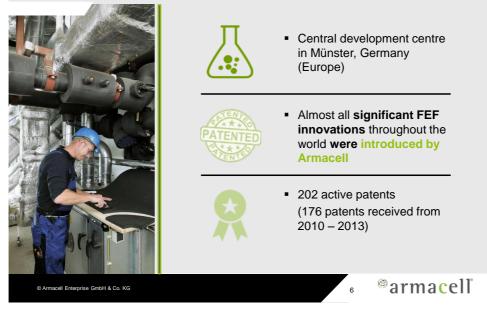


- A global leader in flexible foams for the equipment insulation market and a leading provider in engineered foams
- Today, Armaflex[®] is one of the world's best-known brands for flexible technical insulation
- HQ in Luxembourg with 3 regional HQ
- Singapore (APAC/India)
- Münster, Germany (Europe)
- Chapel Hill, NC (USA)

COMMERCIAL CONSTRUCTION | RESIDENTAL CONSTRUCTION LIGHT INDUSTRY | ENERGY | OIL & GAS SPORTS & LEISURE | AUTOMOTIVE | TRANSPORT | OTHERS



INVENTOR OF FLEXIBLE ELASTOMERIC FOAM INSULATION IN 1954





ARMACELL FACILITIES IN ASIA

Guangzhou, China Established in 1994



Pune, India Established in 2005



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Cheonan, South Korea Established in 2012



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ARMACELL INDIA PVT. LTD.



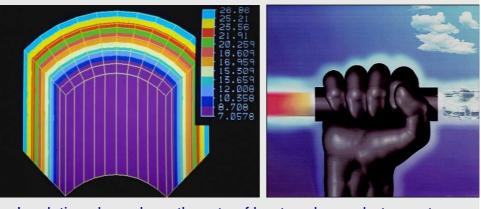
- Established in 2005
- State-of-the-art manufacturing facility located in Pune, Maharashtra
- 130+ employees including sales team stationed across India to service pan India market
- Point of contact between local distributors with the international sales, manufacturing, marketing and technical teams of the Armacell Group

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Strong sales network pan India

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WHAT IS INSULATION?



Insulation slows down the rate of heat exchange between two different temperatures.

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THE NEED FOR INSULATION Primarily used to minimize heat gain or heat loss from/to the surrounding May be used to satisfy one or more of the following design objectives:

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TECHNICAL PARAMETERS

- Following Technical Values to be considered for selecting an insulation material.
 - + Thermal Conductivity
 - + Water Vapour Diffusion Resistance Factor
 - + Water Absorption
 - + Fire Properties
 - + Temperature Range
 - + Outer Protective Covering





Class O Armaflex

Flexible Thermal Insulation, engineered to prevent condensation and energy losses

- · Built-in vapour barrier
- Reduces energy losses
- Self extinguishing, does not drip & does not spread flames
- · Class O, UL 94
- FM Approved
- ROHS Approved
- λ Value 0.035 W/m·K @ 0°C
- 'µ' Value 7,000
- Temperature Range -50°C to +105°C

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Class O Armaflex Plus

Anti Microbial Duct Insulation for enhanced Indoor Air Quality

- · Built-in vapour barrier
- Reduces energy losses
- · Better indoor air quality
- Anti microbial protection EPA Approved
- Self extinguishing, does not drip & does not spread flames
- · Class O, UL 94
- FM Approved
- λ Value 0.033 W/m·K @ 0°C
- 'µ' Value 10,000
- Temperature Range +7°C to +85°C

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Armaflex Alu

Flexible Insulation with silver finish for improved aesthetics

- · Built-in vapour barrier
- Reduces energy losses
- · Aesthetically appealing Silver Finish
- · Easy to clean
- Self extinguishing, does not drip & does not spread flames
- · Class O, UL 94
- FM Approved
- λ Value 0.035 W/m·K @ 0°C
- 'µ' Value 12,000
- Temperature Range 0°C to +105°C

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Armachek GC Colors

The economical covering system

- Economical covering system
- Now available in Black, Grey, Red, Blue & Green colours
- Good resistance to mechanical impact & scratch
- · Easy to install
- UV Resistant
- Dust free & No fibre erosion
- Non metallic & Flexible
- · Light weight
- Available as cladding and pre-covered options with Sheets and Tubes





ArmaChek Silver

The brilliant covering for Armaflex Insulation designed for fast installation, durability and easy cleaning

- Good resistance to mechanical impact & scratch
- Easy to install
- **UV** Resistant
- Good resistance to oil & chemicals
- Non metallic, Light weight & Flexible
- Saves installation time
- Pre-fabricated elbows, T section parts are available
- Available as cladding and pre-covered . options with Sheets and Tubes
 - Temperature Range -25°C to +75°C

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ArmaSound Super Silence Ductliner High Performance Acoustic insulation for a quieter environment

- Good absorptive open cell material foam
- Reduces Duct Noise and Plant room Noise
- Anti microbial protection
- Better indoor air quality
- Class 1, UL 94
- Quick & Easy installation
- Non fibrous
- High density to dampen duct ratting & ٠ vibration
- High Air Erosion Resistance .
- Temperature Range -20°C to +85°C

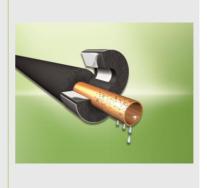


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Armafix Class O

Pipe Support for Condensation Control and Prevention of Thermal Bridging

- Reliable condensation control
- · Easy to install
- Tough inner core along with Armaflex material
- · Dust and Fibre free
- Eliminates thermal bridging
- No corrosion
- Temperature Range -50°C to +105°C



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Other Products

Adhesives & Sealants

Duct Seal Pipe Seal Armaflex 520 Armaflex HT 625 Mastics

Tapes

Armaflex Tapes GC Tapes Alu Tapes Silver Tapes



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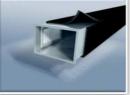
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Application Areas

- Ducting Application
- Piping Application
- Tank Application
- Chiller Application
- Underdeck Application
- Wall Application
- Acoustic Insulation for

Ducts, Walls, Plant Rooms & AHU





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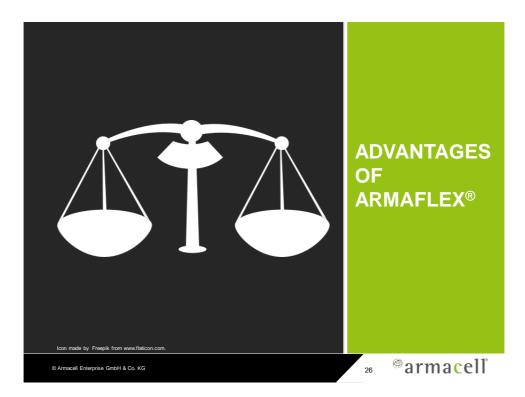


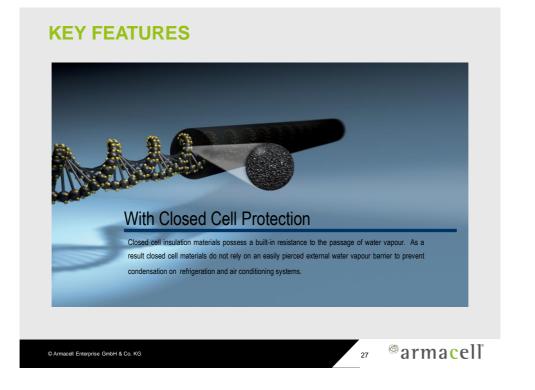


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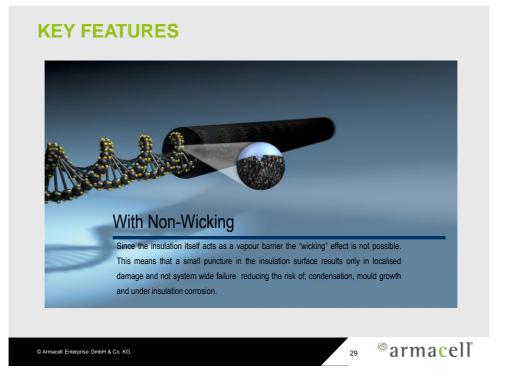
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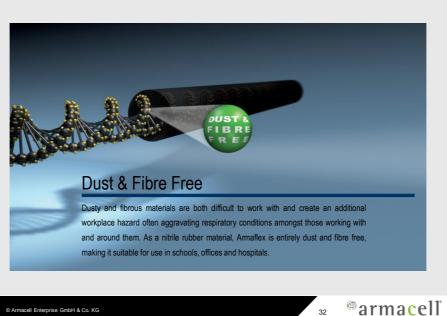




















TECHNICAL SUPPORT FOR ENGINEERS



HANDS-ON SUPPORT FOR CONTRACTORS



THEORY & HANDS-ON TRAINING IN CLASS-BASED ENVIRONMENT

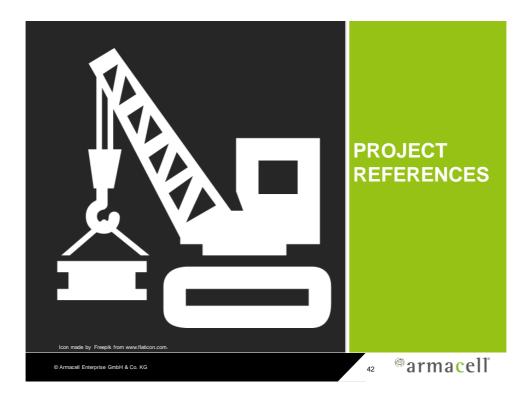


ON-SITE APPLICATION TRAINING



CERTIFIED INSTALLER PROGRAM
CONTINUOUS LEARNING & IMPROVEMENT

	Full Name			
	Job Title			
	Company Name			
	Training Location			
	Certificate No. / Expiry Date			
	Signature			
Date of Issue				
		Instal	l it. Tru	st it.



PROJECT REFERENCES – PRIVATE

ARMAFLEX - A PROVEN TRACK RECORD OF RELIABLE EXCELLENCE

TCS, Indore

- HP, BangaloreInfosys, Pune
- Asian Heart Foundation, India
- Hosipira, Vizag
- Bokaro Steel Plant, Bokaro
- Ranbaxy Laboratories Ltd, Devas
- Reliance, Dahej
- Reliance Industries
- Zydus Hospital, Ahmedabad
- Manipal Hospital, Bangalore
- Delhi International Airport T3
- Cipla Goa
- Sun Pharma Guwahati

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PROJECT REFERENCES – PRIVATE

ARMAFLEX - A PROVEN TRACK RECORD OF RELIABLE EXCELLENCE

- Grand Hyatt, Mumbai
- Grand Hyatt, Kochi
- Marriott, Kochi
- Marriott, Shillong
- Le Meridien, Coimbatore
- ITC, Chennai, Manesar, Kolkata, Amritsar
- Taj Bengal, Kolkata
- Taj Vivanta, Guwahati
- JW Marriott, Kolkata
- Ritz Carlton Pune
- Apollo Hospital Mumbai, Nashik, Hyderabad, Chennai

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- Reliance DAICEC, Mumbai
- Adani Solar, Mundra

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PROJECT REFERENCES – GOVERNMENT

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Indian Aviation Academy Delhi (AAI)
IISER Kolkata
Airforce Station Chiloda

Punjab National Bank Delhi (CPWD)

- Air Force Hindon Air Base
- Indian Institute of Technology Gandhinagar
- AIIMS Raipur
- Cancer Hospital Lucknow (UPRNNL)
- NTPC Meja Power Plant
- Brahmos Aerospace Nagpur (DRDO)
- Air Force Station Tejpur
- National Physical Laboratory Delhi
- DRDL Lab Chandipur Orissa
- Greater Noida Authority Office Uttar Pradesh

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- IIM Trichy
- PGIMER Hospital Chandigarh

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	Thank You !!!		
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