



You Build, We Protect!

Thermal Insulation Project Questionnaire

Project & Contact Information

Company Name:

Contact Person & Title:

Email:

Phone:

Project Location City:

Country:

Equipment Type (e.g., storage tank, pipeline):

Process Data

Product / Fluid Name			
Operating Temperature Range (min / normal / max) [°C]			
Operating Pressure (if relevant) [bar or MPa]			
Circulation Details (Fluid Flow Rate and Heating System Type)			
Heating System Power /Output [kW]			
Heating Medium (Steam, Hot water, Electric, etc.)			

Environmental Conditions

Minimum Ambient Temperature [°C]		Maximum Ambient Temperature [°C]	
Relative Humidity (%) or Dew Point [°C]			
Wind Exposure (e.g., Sheltered / Moderate / High)			
Sunlight Exposure (Direct / Indirect / None)			
Exposure to Precipitation (Rain or Snow)			



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Corrosive Exposure (Acidic Vapours, Salt Spray, High Humidity, Chemical Emissions, etc.): Will the insulated surface be exposed to such conditions?				
Yes		No		If yes, please specify:
Is the equipment located in a coastal (sea side) or high-altitude/hill side area with high UV radiation?				
	Sea Side		Hill Side	Other, please specify:

Design Objectives

Target Outer Surface Temperature (for safe-touch) [°C]				
Condensation Prevention Required (Surface $\geq$ Dew Point / Above 0 °C	Yes		No	
Maximum Allowable Heat Loss, if defined [W/m ²]				
Fire Safety Requirements or Other Specific Standards (e.g., ASTM C1055, DIN EN ISO 13732-1)				

Physical & Geometric Details

Geometry (Tank Diameter & Height; Pipe Outer Diameter & Length; or Other)	
Surface Area to be Insulated (approx.) [m ²]	
Substrate Material (Carbon Steel, Stainless Steel, etc.)	
Existing Coatings or Corrosion Protection	
Current Surface Condition	

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Operational Considerations				
Duty Cycle or Operation Mode (Continuous / Batch / Cyclic)				
Significant Thermal Cycling or Thermal Shock Expected?	Yes		No	
If yes, details:				
Expected Application Conditions (Time of Year, Ambient Temperature Range, Humidity, Wind, Other Environmental Factors During Coating/Insulation Work):				

Mechanical and Structural Considerations				
Equipment subject to mechanical vibration or movement?	Yes		No	
If yes, details:				
Significant thermal expansion or contraction expected?	Yes		No	
If yes, details:				
Other mechanical or structural stresses (e.g., impacts, structural movement)?	Yes		No	
If yes, details:				

Additional Notes / Special Requirements

2.00/19.09.2025. You receive our precise and detailed technical advice after completely answering the questions above. We kindly ask you to please fill in or tick applicable. The consulting is free of charge. However, it is without obligation from our side. We assure confidentiality for provided data including sketches and drawings.