



# MECHANICAL INSULATION

Strategic planning to provide cost efficient and state-of-the-art insulation performance.

[INFO.SUPERIOR-INSULATION.COM/MECHANICAL-INSULATION](http://INFO.SUPERIOR-INSULATION.COM/MECHANICAL-INSULATION)

## A TOOL THAT PAYS FOR ITSELF!

The return on investment from Mechanical Insulation will come through reducing energy costs, reducing emissions, protecting lives and increasing the life expectancy of costly mechanical equipment. Following completed Superior Industrial Insulation projects, a public university in Ohio had the mechanical insulation pay for itself in 10 months while an industrial steel mill facility had an ROI of the Mechanical Insulation in less than 30 days.

## FACILITY EXAMPLE

The U.S. Department of Energy estimates that 10 to 30 percent of mechanical insulation is missing or damaged. With the average hospital housing over 13 miles of total pipe and almost 4 miles of uninsulated or damaged insulation, the return on investment would come in about 7 months, providing an estimated \$6.2 million in energy savings.



SCAN FOR  
MORE INFO

## WHAT IS MECHANICAL INSULATION?

Mechanical Insulation is a thermal barrier, commonly applied surrounding pipes, ducts or tanks that reduces the transfer of heat. This keeps the respective hot or cold temperatures contained, controls moisture to prevent mold growth and aids in energy (and cost) conservation.



## WANT TO GO GREEN?

Applying one foot of Mechanical Insulation to a bare 4 inch pipe operating at 350°F with 2 inches of insulation offsets as much carbon dioxide as a full size pickup truck driving 20,000 miles.

(Statistics provided by C.P. Crail in *Insulation: Greener than trees.*)

# PROFICIENT. ACCOUNTABLE. SUPERIOR.

With more than 12,500 completed jobs, and a wealth of experienced professionals on staff, Superior Industrial Insulation is proud to offer these additional services.



## COMMERCIAL INSULATION

- + Piping Insulation
- + Duct Insulation
- + Equipment Insulation
- + Custom Fit Removable Covers
- + Specialize in Unique Installations



## OIL & GAS INSULATION

- + Experienced Crews
- + Accelerated Schedule Experts
- + Excellent Safety Record
- + 24 Hour Mobilization
- + Bondable
- + Fabrication and Installation of Removable Blankets



## INDUSTRIAL INSULATION

- + Comprehensive Energy Audits
- + Power Piping Systems
- + Equipment Insulation
- + Precipitators
- + Steam Turbines
- + Insulated Tank Panels
- + Dust Collectors
- + MSHA™ Certified Contractor
- + Sheetmetal Insulation and Lagging



## FIREPROOFING

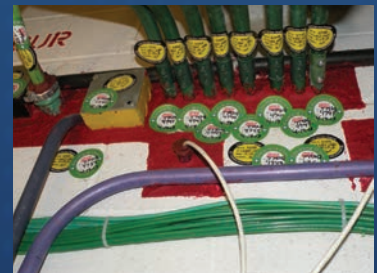
Specialty Applications include:

- + Tank and Vessel Legs
- + Structural Steel
- + - Beams, Columns, Trusses
- + Decking
- + Wood
- + Bar Joists
- + Intumescent Applications
- + Cementitious Applications
- + Board Applications
- + Specializing in Unique Installations



## CRYOGENIC INSULATION

- + Ammonia Gas Piping Insulation
- + Low Temp. Vessels & Equipment
- + Shutdown Work
- + Experienced Crews
- + Highest Quality Installations
- + Scheduling Experts



## FIRESTOPPING

- + NFPA® Certified Fire Inspector II on Staff
- + Certified Firestop Instructors
- + CEU Credits for Training Available
- + Certified Installer for All Major Manufacturers
- + Engineer on Staff
- + Extensive Quality Control Program
- + Complete Cataloging of Penetrations into our Copywritten Database Program for Documentation
- + Secure Web Access to Information on our Online Database
- + Third Party Inspections

**Let us quote your project today!**