



Mascoat®

Innovating Thermal and Sound Protection



A Division of
SEALFORLIFE
Industries

Don't let heat get the best of your business.

Protect your people, processes, and equipment with Mascoat performance coatings. Mascoat is the global leader at providing quality engineered thermal insulating coatings for over 25 years. Our coatings provide solutions to personnel protection from contact burns, energy retention, process stability, solar loading, and condensation reduction issues on all types of heat-related equipment in facilities of all kinds.

Leading with Transparency and Innovation

- We perform a **thermal analysis of your particular project** for the purpose of validating the use of our product.
- We **identify and estimate performance reduction** of moisture-laden conventional insulation materials that cause corrosion.
- We **continually test our products** and maintain up-to-date standards.
- We only recommend Mascoat products for applications where **we are the best fit**.
- We maintain a **stringent quality control** program that ensures customers receive a consistent coverage rate and ease of spray.
- We create “customers-for-life” by providing **support through all project phases**.

How Moisture Impacts Insulation: Decreased Energy Efficiency, CUI, & Maintenance

1. Once jacketing is compromised in the slightest (like the small gap circled below) and moisture is able to enter, gravity and wicking will affect a larger area.
2. Absorbed moisture decreases advertised thermal performance, reducing advertised thermal efficiency.
3. Corrosion process begins.
4. Performance value continually decreases over time while corrosion worsens.
5. Eventually, expensive and time-consuming maintenance to fix or replace starts again.



Mascoat Industrial-DTI's thermal insulating ability remains constant from the day it is installed onward with no CUI – for 25+ years!

A Coating That Pays You Back.

Since our coatings do not have internal environment in which moisture can collect, Mascoat provides its customers with a dependable ROI that will continue to minimize maintenance cost for years beyond the lifespan of traditional insulation materials like mineral wool.

ROI Accelerators

Mascoat saves you from issues that mineral wool is susceptible to such as:

- Routine inspection
- Internal lining degradation
- Storm/weather damage
- Downtime/out of service
- Ongoing maintenance
- Corrosion
- Moisture intrusion
- Recurring replacement of insulation



Proven Performance and Protection.

These Mascoat customer success stories speak for themselves.



A Mascoat customer since 2005, this company stores multiple chemicals which require insulation. Our insulation coatings are applied to designated tanks as new builds, as well as for maintenance to maintain process stability and prevent significant flash cooling.

CHEMICAL STORAGE TANKS

DRY FILM THICKNESS	40 mils (1 mm)
ORIGINAL PROJECT DATE	2005
MOST RECENT PROJECT	2021

30 BUNKER FUEL TANKS

DRY FILM THICKNESS	80 mils (2 mm)
TEMPERATURE	130°F (55°C)

This marine fuel customer required a solution that could prevent CUI and provide energy savings in a challenging coastal, rainy climate. This complex project required approximately 30,000 gallons of Mascoat coating over a 3-month period.





Are you experiencing any of the problems below?

- **Corrosion Under Insulation** continues to affect equipment integrity.
- **Personnel protection concerns** (stemming from contact burns) need to be effectively and permanently resolved.
- Facing year-over-year maintenance **budget reductions**.
- **Seeking a solution for stabilizing processes** and limiting the effects of rapidly changing ambient conditions.
- Needing an insulation **solution for hot equipment that cannot be taken out of service** during installation.
- An accurate **feasibility assessment of using a thermal insulating coating** needs to be performed on your particular equipment.

Call Mascoat today, we can help.



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