Mascoat®

Innovating Thermal and Sound Protection

WE CARE ABOUT SAFETY IN THE WORKPLACE.

Mascoat has been revolutionizing the way the world insulates and protects surfaces for over seventeen years. We are a trusted source for product value, exceptional customer service and engineering innovation, and these values have been applied to our pursuit of products that enhance personnel protection. Mascoat has invested research and development into a coatings product line that is proven to reduce injury risk in the workplace.

WE DELIVER ROI WITH PREVENTION.

Our coatings help reduce recordable injury rates while saving time, money, and manpower. Companies are not only protecting their workers; they are reducing exposure to litigation, employee downtime, medical costs, and time spent meeting about accidents.

WE BELIEVE IN RESEARCH.

Mascoat conducts detailed product research through accredited, independent facilities and laboratories. Facilities like Southwest Research Institute, Underwriter's Laboratory, and Noise Control Engineering have substantiated Mascoat product performance and attributes, and conclude that our products help make many environments safer for personnel. Unlike competitors, Mascoat consults with independent experts to perform specialized product testing which goes over and beyond standard industry tests.

OUR COATINGS PREVENT

- Burns
- Slip and Fall Accidents
- Hearing Loss
- Heat Exhaustion
- Spills and Leaks Associated with CUI Problems

BENEFITS

- Prevents CUI (Corrosion Under Insulation)
- Non-Toxic
- Safe Application
- No Need for Sharp Metal Jacketing
- Reduces or Eliminates Condensation

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SEALFORLIFE Industries

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WE ENSURE PERFORMANCE.

Mascoat relies on more than testing to prove our coatings work. We follow-up with customers long after product application, to make sure our coatings are delivering the performance we guarantee.

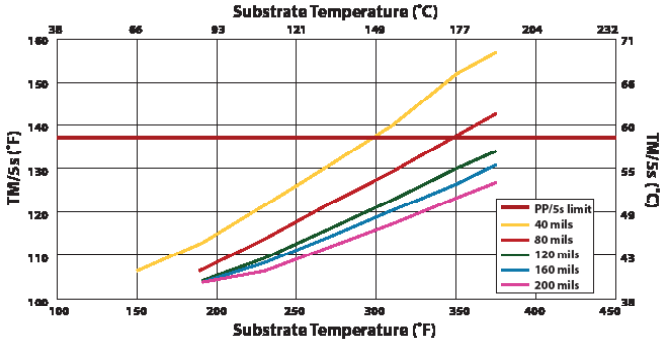
Our products continue to excel in a variety of real world applications. Read customer success stories at www.mascoat.com/safety and learn how our coatings have made work environments safer.

PERSONNEL PROTECTION STUDY

Customers have been using Mascoat Industrial-DTI as a means of personnel protection for almost 20 years because they had seen and felt it work in the real world. As demand for the coating grew, Mascoat knew that testing must be performed to demonstrate exactly how much coating would be needed to properly protect personnel from burns.

Using their knowledge of heat flux, both George More, Founder of Mascoat, and Howard Mitchske, an independent coatings expert, examined the rules and regulations concerning Personnel Protection (PP) according to ASTM. They were interested in exploring ways to apply these standards to insulating coatings, and used Mascoat's Industrial-DTI product for the test.

TM/5s vs. Coating Substrate Temperature with Ambient Air Temperature of 70˚F (21˚C)



The study examined worst-case testing scenarios using DTI at varying thicknesses, on carbon steel substrates at different temperatures. The goal was to have reproducible data measured with the ASTM's heat flux measurement tool, so that an overall analysis could be examined without bias. As shown in the charts above results were overwhelmingly positive and clearly identified that even at a minimal thickness of 40 mils (1 mm), the coating was well within the ASTM criteria for 5-second skin exposure, even up to 275˚F (135˚C).

Personnel protection is of the utmost importance to Mascoat. This study will now give safety supervisors and plant managers tangible reference to guidelines and use of insulating coatings technology to help keep their employees safe.

SUCCESS STORIES

Solution for Intense Heat

Mascoat Inustrial–DTI coating was applied to an offshore platform, significantly reducing heat emitted from the deck and handrails which had previously been so hot it melted the rubber boot soles of rig workers.

Condensation Solution

Mascoat's anti-condensation coating was applied to piping at a chemical facility where condensation was posing a serious safety hazard, so much so that workers had nicknamed it "The Rainforest". After application, the condensation was completely eliminated providing a safe environment for personnel.

Read these success stories and more at **www.mascoat.com/safety**

ABOUT HEAT FLUX

Mascoat's insulating coatings have a very low heat flux. Heat flux is defined as the rate of energy (heat) transfer through any given surface, and is the leading factor in the severity of burns which can occur when a person touches a hot surface. Imagine an iron skillet at 140˚F (60°C) and a piece of cloth at 140˚F (60°C). Both have different heat flux values; therefore, they absorb and transfer heat at different rates. The cloth cannot cause severe burns at this temperature; however, the iron skillet has a high heat flux and would most definitely result in a serious burn.

ABOUT SEAL FOR LIFE INFRASTRUCTURE COATINGS GROUP

The Seal For Life Infrastructure Coatings Group was developed to bring a wide variety of unique technologies together under one umbrella with one goal in mind – extending infrastructure lifetime. Our coatings are designed to withstand abuse while protecting people and substrates in a wide variety of industries, such as petrochemical refining, paper mills, sugar mills, water and wastewater facilities, commercial construction, power generation, automotive manufacturing, shipbuilding, and food processing, among others.