SHERWIN-WILLIAMS.

HEAT-FLEX® 7000

NEXT GENERATION, THERMAL INSULATIVE COATING

Heat-Flex 7000 is a one component thermal insulative coating system that offers personal protection, solar heat reflectivity and resultant insulation capabilities for an array of industrial applications. This single-component, spray-applied coating system meets Occupational Safety and Health Administration standards for protecting personnel from skin-contact burns on assets operating at temperatures up to 350°F (177°C) in one coat applied at 50 mils.

A single coat can eliminate the costs of installing, inspecting and repairing conventional insulation and cladding systems for personnel skin-contact protection, thereby also eliminating the common threat of corrosion under insulation (CUI). In addition, the coating reduces heat loss enabling process stability.

BENEFITS

Personal Protection

- Reduces injury risk and increases site safety
- Personnel protection against high heat, burns and injuries – up to 350°F (177°C) achieved with a single coat application of 50 mils (1250 microns)
- Compliance with OSHA for thermal insulation installed on metallic equipment operating at 140°F (60°C) or higher

Solar Heat Reflectivity

- Energy saving for process equipment and tanks
- Minimizes radiant solar heat gain of tanks, containers and personnel enclosures
- Reduces lost fuel in tanks with protection against solar heat gain
- Reduces expenses associated with vapor recovery units
- Diminishes solar heat gain on assets that need to stay cooler

Insulating Capabilities

- Thermal insulation for hot or cold process energy conservation
- Insulation of process vessels exposed to sunlight to manage overheating
- Potential to manage and maintain process fluid temperature below a certain temperature
- Provides insulation of substrates operating at a wide range of temperatures
- Reduces thermal losses on assets that need to stay warm

FROM SPEC TO PROTECT

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HEAT-FLEX® 7000

HIGHLIGHTS

- Single component so therefore no requirement for difficult mixing guidelines
- Simple single-coat application
- High build film thickness
- Low thermal conductivity
- Use in indoor or outdoor environments
- Protects against radiant solar heat gain
- 75 percent volume solids formulation
- <50 g/L VOC
- Can be used with ISO 12944 prequalified schemes/systems C3-CX

INDUSTRY APPLICATIONS

End-use applications

- Tanks
- Piping
- Vessels
- Furnaces
- Stacks
- Offshore Assets/Marine
- Containers

Intended substrates

- Carbon Steel
- Stainless Steel

UNMATCHED DISTRIBUTION AND SERVICE

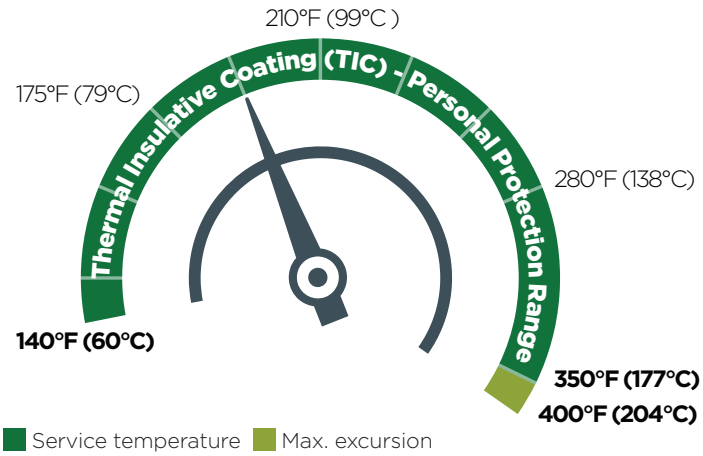
Products You Need Right Now

Get the products you need with same or next-day delivery and gain access to local inventory at more than 5,000 company-owned distribution points in North America.

Technical Service for Optimal Applications

Our technical service team brings extensive technology and product knowledge, as well as manufacturer equipment training, to ensure proficiency throughout the entire coatings process.

SUITABLE PERSONAL PROTECTION RANGE



Use above 400 F is not recommended.

PERSONAL PROTECTION RANGE

140°F (60°C) to 350°F (177°C), up to 400°F (204°C), Intermittent

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of industries across our rapidly growing international distribution footprint, including energy, water and wastewater, bridge and highway, steel fabrication, flooring, manufacturing & processing, rail and power, and marine.

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Protective & Marine Coatings
PM-1275815-SS 10/23