INSULATED COATINGS

ThermaCoat-600 Insulated Coating Systemi s a patented low odor, liquid applied heat cured coating system for insulation of surfaces, pipes and equipment between -40F up to 600F. Thermacoat-600 combines thermal insulation, chemical resistance, corrosion resistance, moisture resistance, and long-term durability in an easy to apply coating. The system can be applied directly into high temperature metal using the included primer at temperature as high as 600F (315C). The Thermacoat-600 Insulated Coatings System consist of a primer layer, insulation layer (s) and optional topcoat for UV protection.

FEATURES:

- APPLICATION UP TO 600F
- THERMAL INSULATION IN A COATING
- ROCKWELL HARDNESS (HRC) MINIMUM OF 70
- HIGH ABRASION RESISTANCE
- GOOD FOR HIGH WEAR RESISTANCE
- EASY TO APPLY
- PREVENT DOWNTIME

Finish: Semi-gloss orange, white topcoat for UV protection

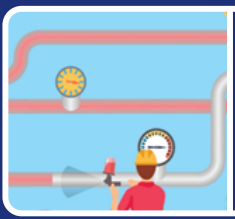
MIXING:

Primer: Thoroughly mix the primer with a mechanical mixer for minimum 0f 15 minute or until homogeneous. Do not thin with chemical, the primer can be heated up to 194F (90C) to thin for application.
Insulation Layer:Thoroughly mix the insulation layer with a mechanical mixer for minimum 0f 15 minute or until homogeneous. Do not thin with chemical, the insulation layer can be heated up to 194F (90C) to thin for application.
Topcoat (optional):Thoroughly mix the optional topcoat with a mechanical mixer for minimum 0f 20 minute or until homogeneous. Do not thin the optional Thermacoat-300 topcoat.

Tinting and Thinning: Do not thin or tint THERMACOAT-600. The optional Thermacoat-300 topcoat can be tinted with standard water-base acrylic colorant.

Preparation: All surfaces coated with THERMACOAT-600 must be free of all contamination including curing compounds, oil, grease, paint, and dirt

Application: Thermacoat-600 Insulated Coating System should be applied as follows:
Primer:1-2 coats of primer depending on initial temperature (2 coats for 450F and above).
Insulation layer: 2-10 coats of insulation layer depending on temperature reduction requirements.
Topcoat: Apply 1-2 coats of topcoat for UV protection and as an added insulation layer.



Apply Thermacoat-600 primer directly on the metal surface at temperature as high as 600F (315C). The direct application to heated equipment will reduce the need for plant shutdown which results in both cost and t ime savings

PRECAUTIONS:

Personnel should wear protective clothing and gloves, avoid contact of material with skin or eyes, and avoid breathing vapors. Mix and apply in well-ventilated areas and observe normal safety precautions. THIS PRODUCT IS FOR PROFESSIONAL USE ONLY

THERMAL INSULATION:

Excellent thermal insulation performance to maximize control of heat loss or gain for both reduction of energy costs and improved worker safety. Internal thermal testing over aluminum surfaces at uncoated temperatures between 375-450F showed an average temperature reduction of 140-165Fat 8-coats. Actual results will vary according to application thickness and environmental temperatures

USES:

Steam or chilled pipes, Dyeing Machines, Heat Stacks, Tanks, Heat Exchanger, Boiler, Ovens, Safe-Touch Industrial Application, and other high temperature surfaces.