



# TEMPERKOTE® H<sub>2</sub>O

A Water Base Paint

## Hi-Heat® Resistant Coating

### DESCRIPTION:

TemperKote H<sub>2</sub>O Hi-Heat Resistant Coatings are based on a one component specially modified sub-micron particle size acrylic resin. The coatings air dry by coalescence to form a tough, durable, heat, chemical, and moisture vapor resistant film. They do not require any complex heat-curing schedule to obtain their heat resistant properties.

For best corrosion resistance or over any metal surface TemperKote H<sub>2</sub>O should be applied over TemperKote H<sub>2</sub>O Hi-Heat Corrosion Control Primer.

### RECOMMENDED USES:

Wherever resistance to heat, humidity and corrosive atmospheric conditions is required. Can be used as a protective and decorative coating on metal parts, hot water and steam lines, where operating temperatures will not exceed 450°F (232°C). Also suitable for use over Galvanized metal and zinc rich primers.

### USED BY:

Schools, Colleges, Nursing Homes, Residential Homes, Child Care Centers, Hospitals, Penal Institutions, Apartments, Hotels, Factories, Warehouses, Retail Stores, Restaurants, Utilities, Railroad and other Transportation Companies, Oil and Chemical Installations, Military Installations, and other facilities where heat resistant coatings are required.

### CHARACTERISTICS:

**Finish** ..... Semi-Gloss

**Color** ..... White, Off-White, Black, Gray Primer and 13 standard pastel colors

**Maximum Recommended Temperature:** ..... 450°F

**Spreading Rate** .....  
500 sq. ft./gal. (12.3m<sup>2</sup>/L)  
Per coat applied in two coats  
3.2 mils wet, 1.1 mils dry per coat

### Maximum Color Stability: .....

Black .....	Up to 450°F ( 232°C)
White .....	Up to 300°F ( 150°C)
Off White .....	Up to 300°F ( 150°C)
Oyster White ....	Up to 300°F ( 150°C)
Pompon Yellow ..	Up to 300°F ( 150°C)
Lime .....	Up to 300°F ( 150°C)
Cream .....	Up to 300°F ( 150°C)
Aqua .....	Up to 300°F ( 150°C)
Misty Blue .....	Up to 300°F ( 150°C)
Blue Water .....	Up to 300°F ( 150°C)
Warm Green ....	Up to 350°F ( 177°C)
Silver Gray .....	Up to 350°F ( 177°C)
Medium Gray ....	Up to 350°F ( 177°C)
Adobe .....	Up to 350°F ( 177°C)
Soft Beige .....	Up to 350°F ( 177°C)
Peach .....	Up to 350°F ( 177°C)

**V.O.C.** ..... <2.6 lbs./gal. (310g/L)

**Volume Solids** ..... 34.5% ± 2

**Weight Solids** ..... 49.0% ± 2

### Drying Time @

**77°F & 50% RH:** .....

To touch 1 hour  
To recoat 18 hour  
To overcoat TemperKote H<sub>2</sub>O Primer  
..... 2 hours

**Type of Cure** .....

Water Evaporation/Coalescence

**Flash Point** ..... None

**Reducer/Cleaner** ..... Water

**Shelf Life** ..... 1 year (unopened)

**Packaging** ..... 1 & 5 gal. containers  
weight/gal. 10.5 lbs.

**Shipping weight** ..... 4 gals - 45 lbs.  
5 gals - 57 lbs

**Application** . .Brush, foam applicator,  
conventional and airless spray

### PRECAUTIONS:

**CAUTION!** Do not take internally.  
Close container after each use.

### Protect from freezing

**Read MSDS before opening containers.**

**KEEP OUT OF REACH OF CHILDREN**

### SURFACE PREPARATION:

Surface preparation should be carried out according to good painting practices. All dirt, grease, oil, wax, other foreign matter must be removed before applying TemperKote H<sub>2</sub>O Hi-Heat. Apply over TemperKote H<sub>2</sub>O Hi-Heat Corrosion Control Primer or zinc rich primers, for best corrosion resistance.

### PREVIOUSLY PAINTED SURFACES:

TemperKote H<sub>2</sub>O Hi-Heat may be applied directly to existing paint that is tightly adherent and in good condition. All glossy surfaces should be dulled with sandpaper.

### APPLICATION:

Flame Control TemperKote H<sub>2</sub>O Hi-Heat is ready to use. It can be applied by brush, roller, airless or conventional spray equipment. Stir thoroughly and apply, using a full-bodied coat. If thinning is required, use WATER only. Do not apply in temperatures below 50°F (10°C).

### APPLICATION EQUIPMENT:

#### Airless Spray

**Titan 440 Impact** (or Equivalent)

Pump

Fluid Pressure. .... 1800-2200 psi

Manifold Filter ..... 60 Mesh

Gun Filter ..... 60 Mesh

Fluid Hose ..... ¼" diameter

Gun ..... LX-80 II

Tip. .... .015 - .019

Reduction ..... up to 7%

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