



FLAME CONTROL No. 444 TemperKote® H₂O

A Water Base Paint

Hi-Heat® Resistant Coating

DESCRIPTION:

Flame Control No. 444 TemperKote H₂O 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.

No. 444 TemperKote H₂O Hi-Heat Corrosion Control Primer contains nonhazardous, active corrosion inhibitors.

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.

PERFORMANCE INFORMATION:

Provides excellent resistance to corrosive atmospheres, hostile environmental conditions, and temperatures up to 450°F (232°C).

CHARACTERISTICS:

Finish Semi-Gloss

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

Maximum Recommended Temperature: 450°F

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)

Spreading Rate
500 sq. ft./gal. (12.3m²/L)
Per coat applied in two coats
3.2 mils wet, 1.1 mils dry per coat

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 H₂O 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 No. 444 TemperKote H₂O Hi-Heat. Apply over No. 444 TemperKote H₂O Hi-Heat Corrosion Control Primer or zinc rich primers, for best corrosion resistance.

PREVIOUSLY PAINTED SURFACES:

TemperKote H₂O 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 No. 444 TemperKote H₂O 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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