



FLAME CONTROL NO. 400

A Water Base

Interior/Exterior Semi-Gloss
Fire Resistant Paint (Overcoat)

Fire Hazard Classification, CLASS "A"

DESCRIPTION:

Flame Control No. 400 Semi-gloss Acrylic is a Class "A" rated, water base, general purpose, fire resistant paint, designed for use on all interior and exterior surfaces, except floors, where maximum durability coupled with fire resistancy is required. No. 400 may be utilized as an overcoat on most intumescent type fire retardant coatings to improve their cleansibility, scrubability, and overall durability.

RECOMMENDED USES:

Interior: For use on all noncombustible surfaces (except floors and shelving) and as an overcoat for Flame Control Intumescent Fire Retardant Paint, where a semi-gloss, highly cleansable coating is desired.

Exterior: For use on masonry surfaces where a flame resistant coating is required.

USED BY:

Schools, Colleges, Nursing 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 fire resistant coatings are required.

PERFORMANCE INFORMATION:

- Class "A" fire rated as a topcoat for intumescent fire retardant paint. (see fire hazard classification section)
- Complies with federal, state, local building and fire code requirements.
- Dries by water evaporation to a tough, flexible, semi-gloss finish.
- Does not leach (lose fire resistant properties) on exposure to high humidity.

CHARACTERISTICS:

Finish Semi-gloss

Color. White, Off-White and 13 standard pastel colors

Tinting Can be tinted with up to 4 fl. oz. of Universal Tint. Check colorant for compatibility.

Spreading Rate 420 sq. ft./gal. (10.3 m²/L)
3.8 mils wet, 1.33 mils dry

Volume Solids 35% ± 2

Weight Solids 49% ± 2

V.O.C. Less Than 1.67 lbs./gal. (200 g/L)

Drying Time @ 77°F & 50% RH: . . . To touch 30 min.
To handle 1 hours
To recoat 1 to 2 hours

Type of Cure Coalescence

Flash Point. None (Pensky-Martens Closed Cup)

Reducer/Cleaner Water

Shelf Life. 12 months (unopened)

Packaging 1 & 5 gal. containers weight/gal. 10.5 ± 0.2 lbs.

Shipping weight 4 gals - 48 lbs.
5 gals - 56 lbs.

Application Brush, roller, conventional and airless spray

PRECAUTIONS:

Adequate ventilation must be provided during and after application until the coating has dried. Avoid breathing vapors or spray mist. Close container after use. **DO NOT TAKE INTERNALLY.**

Read MSDS before opening containers.

KEEP OUT OF REACH OF CHILDREN

SURFACE PREPARATION:

Surface preparation should be carried out according to good painting practices. Remove all loose, peeling or powdery paint from the surface. All dirt, grease, oil, wax and other foreign matter **MUST** be removed with a detergent. Rinse surfaces thoroughly with clear water and allow to dry. Repair all cracks, holes and other surface irregularities. Allow to dry, sand lightly and prime repaired surfaces with No. 400.

NEW SURFACES:

Can be applied directly to primed steel and directly to all other noncombustible surfaces; i.e., dry wall, plaster board, plaster and masonry surfaces. All combustible surfaces, such as wood, plywood, fiberboard, etc., must be coated with Flame Control Intumescent Fire Retardant Paint, before application of No. 400. New ferrous metal surfaces must be primed. Apply Temperkote[®] H₂O Primer. Allow to dry 3-4 hours or until hard, before applying No. 400.

PREVIOUSLY PAINTED SURFACES:

Noncombustible surfaces having excessive conventional paint film build up, and all combustible surfaces, such as wood, plywood, fiberboard, etc., must be coated with Flame Control Intumescent Fire Retardant Paint, before application of No. 400.

No. 400 may be applied directly to existing paint that is tightly adherent and in good condition. All glossy surfaces should be dulled with sandpaper. Spot prime where necessary with appropriate primer as shown above, before application of No. 400.



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APPLICATION:

Mix paint thoroughly by boxing or stirring. Flame Control No. 400 can be applied by brush, roller, airless or conventional spray equipment. Apply using a full bodied coat at the recommended coverage rates. To conform with surface burning characteristics established for this paint, dilution of the paint should be compensated with reduced coverage rates. Do not apply when surface or air temperatures are below 50°F (10°C). Protect from freezing.

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

FIRE HAZARD CLASSIFICATION

Flame Spread Rating Class "A" when tested in accordance with ASTM E-84 (NFPA 255), the coating obtained the following fire hazard classification. A complete report is available upon request.

COATING (SYSTEM) DETAILS	CLASSIFICATION OR RATING (WHEN APPLIED TO DOUGLAS FIR)		
	Flame Spread	Smoke Developed	Fuel Contributed
PRIMER – None BASE COAT – Type 100A/TT-P-26C applied in one coat at 200 sq. ft./U.S. gal. (4.9 m ² /L) TOP COAT – Type 400 applied in one coat at 420 sq. ft./U.S. gal (10.3 m ² /L)	10	20	10

As we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used, we accept no responsibility for results obtained by the application of this information or the safety or suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. We sell the products without warranty or guarantee, and buyers and users assume all responsibility and liability for loss or damage from the handling and use of our products, whether used alone or in combination with other products.