



FLAME CONTROL NO. 30-30

A Mineral Spirit Based

Fire Retardant Enamel

Fire Hazard Classification, Class A

DESCRIPTION:

Flame Control No. 30-30 Semi-gloss Class "A" Fire Retardant Enamel is a non-yellowing interior paint, which is recommended for use as an overcoat in areas where maximum cleansibility, durability, and fire retardancy is required. Flame Control No. 30-30 was designed as an overcoat for Flame Control No. 10-10, or it can be used as a fire retardant coating by itself on all noncombustible surfaces, where a Class "A" finish must be maintained. When applied over Flame Control No. 10-10, the durability of the coating is greatly improved.

RECOMMENDED USES:

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 coating is desired.

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 Class "A" fire retardant coatings are required.

PERFORMANCE INFORMATION:

- Class "A" fire rated on noncombustible surfaces. (see fire hazard classification section).
- Complies with federal, state, local building and fire code requirements.
- Dries by solvent evaporation to a tough, flexible, semi-gloss finish.

- Does not leach (lose fire resistant properties) on exposure to high humidity.
- Meets all current environmental regulations.

CHARACTERISTICS:

Finish Semi-Gloss, 35-70 units max. @ 60°

Color White, Off-White and 13 standard pastel shades

Tinting . . Can be tinted with up to 4 fl. oz. with Chroma-Chem #866 or Uni-Cal 66 colorant. Check colorant for compatibility, using about 4 fl. oz. of No. 30-30 and 4-6 drops of colorant. Mix well, and check for gelling, precipitation, or other adverse reaction. Allow sample to sit overnight, before proceeding.

Spreading

Rate 400 sq. ft./gal. (9.2 m²/L)
4 mils wet, 2.2 mils dry

V.O.C. Less

Than 2.79 lbs./gal. (335 g/L)

Volume Solids 56% ± 2

Weight Solids 75% ± 2

Drying Time @

77°F & 50% RH: To touch 2-4 hours
To handle 5-8 hours
To recoat 24 hours

Type of Cure . . . Solvent evaporation

Flash Point 120°F (49°C)
(Pensky-Martins Closed Cup)

Reducer/Cleaner Mineral Spirits

Shelf Life 1 year (unopened)

Packaging 1 & 5 gal. containers
weight/gal. 11.5 ± 0.2 lbs.

Shipping weight 4 gals - 50 lbs.
5 gals - 61 lbs.

Application Brush, roll, conventional and airless spray

PRECAUTIONS:

The liquid coating contains volatile (combustible) solvents. Due care must be exercised during and after application. Adequate ventilation must be provided during and after application until the coating is dry. Keep away from heat, sparks, and open flame. Do not smoke - extinguish all flames, pilot lights and heaters - turn off stoves, electric tools, and appliances, and any other source of ignition. Avoid contact with skin and breathing of vapor 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. All dirt, grease, oil, wax, rust and other foreign matter must be removed. All metal surfaces must be primed.

NEW SURFACES:

New wood and combustible surfaces, please refer to Flame Control No. 10-10 product information sheet. New ferrous metal surfaces must be primed. Apply Flame Control 3004A Universal Metal Primer. Allow to dry 16 hours or until hard, before applying No. 30-30.

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. 30-30A.



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No. 30-30A 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. 30-30A.

APPLICATION:

Mix paint thoroughly by boxing or stirring. Flame Control No. 30-30 can be applied by brush, roller, airless or conventional heavy duty 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.

APPLICATION EQUIPMENT:

Conventional Spray

Air Supply 12 CFM,
50 psi at nozzle, fluid 15-20 psi
Gun . . . Graco 217-800 to 217-816
Type External Mix
Reduction Up to 7%

Airless Spray

Titan 440 Impact (or Equivalent)

Pump
Fluid Pressure. 2100-2600 psi
Manifold Filter 60 Mesh
Gun Filter 60 Mesh
Fluid Hose ¼" diameter
Gun LX-80 II
Tip.017 - .021
Reduction Up to 7%

FIRE HAZARD CLASSIFICATION

Flame Spread Rating. Class "A" when tested in accordance with ASTM E-84 (NFPA 255), the coating obtained the following UNDERWRITERS' LABORATORIES OF CANADA fire hazard classification.

COATING (SYSTEM) DETAILS	CLASSIFICATION OR RATING (WHEN APPLIED TO GRC Board)	
	Flame Spread	Smoke Developed
PRIMER – None BASE COAT – Type 30-30 applied in one coat at 400 sq. ft./U.S. gal. (9.2 m ² /L) TOP COAT – None	5	20

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.