

DESCRIPTION:

Flame Control No. 130 is a Class "B" fire retardant varnish overcoat. Used as a topcoat for No. 129 fire retardant varnish basecoat. No. 130 is available in three sheens, low, semi or hi-gloss. These coatings contain no water soluble ingredients, and will not leach or turn white on aging or washing. No. 130 dries to a uniform sheen in approximately four hours, and is suitable for use on Interior surfaces. No. 130 is manufactured with Rule 66 Mineral Spirits and possesses no strong or unpleasant odor, during application. Note: To comply with the Underwriters' Laboratories of Canada Class "B" fire hazard classification (ratings) established, No. 129 fire retardant varnish basecoat must be applied prior to the application of No. 130.

RECOMMENDED USES:

For application to all combustible surfaces, where it is either necessary or desirous to reduce the surface burning characteristics of the substrate. No. 129 and No. 130 coating system is recommended for use on wood paneling, woodwork, doors, door frames and other surfaces which are subjected to constant scuffing, handling or may require frequent washing.

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 retardant coatings are required.

PERFORMANCE INFORMATION:

- Class "B" fire rated on combustible surfaces when used over No. 129 fire retardant varnish basecoat. (see fire hazard classification section)
- Class "A" fire rated on noncombustible surface when used over No. 129 fire retardant varnish basecoat. (see fire hazard classification section)
- Complies with federal, provincial, local building and fire code requirements. Dries by solvent evaporation to a tough, durable, clear finish, available in low, semi or hi-gloss.
- Does not leach (lose fire retardancy) on exposure to high humidity.
- Meets all current environmental regulations - Photochemically nonreactive according to Rule 102.

CHARACTERISTICS:

Finish Clear
Low-gloss, Semi-gloss, Hi-gloss

Color Clear Varnish

Spreading Rate
Per Coat600 sq.ft./gal. (14.7 m²/L)
2.7 mils wet, 0.9 mils dry

Solids by Weight 44% ± 2%

Solids by Volume 33% ± 2%

Drying Time @ 77°F (25°C) & 50% R.H.
To touch 4 hours
To handle 8 hours
To Recoat 24 hours

Type of Cure Solvent Evaporation

Flash Point of Liquid Coating 105°F (40.6°C)
(Pensky-Martens closed cup)

Reducer/Cleaner Mineral Spirits

Shelf Life 2 years (unopened)

Packaging 1 & 5 gal. containers
weight/gal. 7.75 ± 0.2 lbs.

Shipping Weight4 gals. - 35 lbs.
5 gals. - 42 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 PREPARTION:

After the application of Flame Control No. 129 Fire Retardant Varnish Base Coat has been completed, allow the surface to dry a minimum of 24 hours, lightly sand or steel wool. Remove all dust, dirt, etc. from the surface before applying No. 130.

APPLICATION:

No. 130 can be applied by brush, roller or spray. Stir material well before using, then apply a uniform coat at a coverage rate of up to 600 sq. ft./U.S. gallon (14.7 m²/L). In hard use areas or where excessive wear is expected, a second coat is suggested. Allow at least 24 hours drying time between coats. To conform with surface burning characteristics established for this varnish, dilution of the varnish should be compensated with reduced coverage rates. Do not apply when surface or air temperature is below 50°F (10°C).

FLAME CONTROL NO. 130

A Mineral Spirit Base, Alkyd Type

Fire Retardant Varnish Overcoat for No. 129

Fire Hazard Classification, CAN/ULC S-102, CLASS "B" (*)

(*) When Used With Flame Control No. 129

APPLICATION EQUIPMENT:

Conventional Spray

Air Supply . . . 11.5 CFM, 50 psi
fluid 15 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. . . . 2000-2400 psi
Manifold Filter 60 Mesh
Gun Filter 60 Mesh
Fluid Hose 1/4" diameter
Gun LX-80 II
Tip.010 - .013
Reduction Up to 7%

FIRE HAZARD CLASSIFICATION

Flame Spread Rating. Class "B" for No. 129 and No. 130 coating system when applied to combustible surfaces (Class "A" over non combustible surfaces); when tested in accordance CAN/ULC S-102 (ASTM E-84), the coating obtained the following UNDERWRITERS' LABORATORIES OF CANADA fire hazard classification.

COATING (SYSTEM) DETAILS	CLASSIFICATION OR RATING (WHEN APPLIED TO DOUGLAS FIR)	
	Flame Spread	Smoke Developed
SEALER – None BASE COAT – Type 129 applied in one coat at 300 sq. ft./U.S. gal. (7.4 m ² /L) TOP COAT – Type 130 applied in one coat at 600 sq. ft./US gal (14.7 m ² /L)	45	50
COATING (SYSTEM) DETAILS	CLASSIFICATION OR RATING (WHEN APPLIED TO ASBESTOS-CEMENT BOARD)	
	Flame Spread	Smoke Developed
SEALER – None BASE COAT – Type 129 applied in one coat at 300 sq. ft./U.S. gal. (7.4 m ² /L) TOP COAT – Type 130 applied in one coat at 600 sq. ft./US gal (14.7 m ² /L)	5	0

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