

Technical Department Bulletin

NUMBER : 2683

FILE: P-A-E-67

DATE : DECEMBER 27, 1963

GOODS: U.S.-CH317
(replacing CF317);

SUBJECT: P&L HOUSE PAINT 317 MILDEW &
FUME RESISTANT WHITE

CANADA - CJ317
(replacing CE317)

Use An exterior white paint containing fungicide to resist the effect of mildew on paint. Also resists discoloration by sulfur fumes in industrial areas, oil fields, and harbors.

Color White

Weight U.S. Gallon 13 lbs. 2 oz.
Can. Gallon 15 lbs. 12 oz.

Consistency Medium brushing

Application Brushes easily as supplied. For spraying, thin each gallon with one pint mineral spirits or turpentine.

Clean brushes in Duosol or mineral spirits.

Drying Dust free 10 hours
To recoat or use 3 days

Gloss Fair

Leveling Poor to fair

Hiding Good

Elasticity Very good

Mixing DO NOT tint with oil colors, other colorants, or mix with other paints.

Spreading Rate U.S. Gallon - 550 sq. ft.
Can. Gallon - 660 sq. ft.
(Both spreading rates based on application over one coat P&L House Paint Exterior Primer White).

Remarks

* This bulletin cancels Technical Department Bulletin No. 2383 and its supplements No. 2602 and 2643, dated February 27, 1957, January 31, 1962 and March 22, 1963, respectively.

New formulas were adopted in both the U.S. and Canada on December 20, 1963. The new U.S. formula, CH317 replaces CF317. The new Canadian formula, CJ317 replaces CE317.

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NEW FORMULA

Basically, the new formulas involve the same change that was recently made in P&L House Paint 300 Outside White. The traditional inert pigment mixture of silica and magnesium silicate has been replaced by magnesium silicate alone. The change reduces the settling tendencies of the paint and improves its overall serviceability. General properties remain the same.

The revised U.S. and Canadian formulas carry different code designations, because the vehicle in the former consists of a mixture of safflower and linseed oils; the vehicle in the latter is linseed oil, alone. Safflower oil has been a constituent of the U.S. formula since May 1963. Safflower oil is not used in the Canadian formula, because the oil is prohibitively costly in Canada inasmuch as it has to be imported from the U.S. The U.S. and Canadian formulas offer the same technical features and the same general qualities, despite this difference in binder.

MOLD RESISTANCE

P&L House Paint 317 Mildew and Fume Resistant White owes its mold or mildew resistance to a high zinc oxide content and to the presence of added fungicide. The fungicide content was tripled in 1962 (beginning with formula CE317 in both U.S. and Canada). This change seems to have been beneficial for no complaints were registered on mold development during 1963. The fungicide in P&L House Paint 317 Mildew & Fume Resistant White is a mercurial compound. Because mercury is toxic, the following precaution is incorporated in the directions-for-use: "Good personal cleanliness should be observed when using this product".

Prior to applying any mildew resistant paint, it is essential to pretreat the surface in order to destroy mold and mildew that may be embedded in the surface. The following wash is recommended on our label:

Trisodium Phosphate	(1)	2/3 cup
Household bleach	(2)	1 quart
Powdered detergent	(3)	1/3 cup
Warm water to make		1 gallon

Note: Proprietary agents that may be used are: (1) Soilax, (2) Clorox, (3) Tide.

Scrub the above on the surface, rinse and allow to dry. Paint promptly to avoid reinfection.

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FUME RESISTANCE

P&L House Paint 317 Mildew & Fume Resistant White contains no lead pigments and no lead driers. These are the constituents that make ordinary white paint blacken or discolor where sulfur gases contaminate the air. Sulfur gases are common in industrial areas, oil fields and harbor locations.

TINTING

P&L House Paint 317 Mildew & Fume Resistant White is free chalking and should, therefore, not be tinted. Tints would fade badly. Tinting may also destroy fume resistance since many types of colorants contain lead pigments.

SPECIFICATIONS

NEW WORK - Touch up knots and sappy spots with P&L WP-578 Sealer or Shellac. Three Coat Job - First Coat: P&L House Paint Mildew & Fume Resistant White, each gallon thinned with one pint mineral spirits or turpentine. Second Coat: Putty all nail holes. Then apply P&L House Paint Mildew & Fume Resistant White in the consistency supplied. Third Coat: P&L House Paint Mildew & Fume Resistant White in the consistency supplied. Two Coat Job - Omit final coat in Three Coat specification.

OLD WORK - Scrape clean and touch up knots and sappy spots with P&L WP-578 Sealer or Shellac. Two Coat Job - First Coat: P&L House Paint Mildew & Fume Resistant White, each gallon thinned with one pint mineral spirits or turpentine. Second Coat: P&L House Paint Mildew & Fume Resistant White in the consistency supplied. One Coat Job - P&L House Paint Mildew & Fume Resistant White in the consistency supplied. If the surface is very hard or glossy, thin with a little mineral spirits or turpentine.

NOTE: P&L House Paint Exterior Primer is NOT recommended as a primer under P&L House Paint Mildew & Fume Resistant White because it contains lead pigment and does not contain fungicide. Its use would therefore jeopardize both the fume and mildew resistance of the paint system as a whole.

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