



## FLOOD CWF-UV® Penetrating Wood Finish

## GENERAL DESCRIPTION

Provides a natural finish that protects wood against moisture and sun damage. Fortified with **PENETROL®** for excellent penetration. Recommended for use on any properly prepared exterior wood, including decks, fences, siding, railings, outdoor furniture and other wood surfaces. Apply to new, dry, pressure-treated wood, uncoated new or weathered wood, or wood previously stained or painted. Apply directly to weathered wood previously finished with **FLOOD CWF-UV**; other previous coatings must be completely removed.

## PRODUCT DATA

**PRODUCT TYPE:** Acrylic-Oil  
**VOLUME SOLIDS\*:** 25% +/- 2%  
**WEIGHT SOLIDS\*:** 26% +/- 2%  
**VOC:** <275 g/L (2.3 lbs./gal.)  
**WEIGHT/GALLON\*:** 8.3 lbs. (3.8 kg) +/- 0.2 lbs. (91 g)  
 \*Product data based on product FLD542

**COVERAGE:** One gallon (3.78 Liters) will normally cover 150 to 250 sq. ft. (13.9 to 23.2 sq. meters). Coverage will vary due to porosity and texture of wood and application technique.

**DRYING TIME:** Normally dries to the touch in four hours when applied in optimal temperatures of 50°F to 90°F (10°C to 32°C). Application in high humidity or in temperatures below 50°F (10°C) may prolong drying time. Allow 24 to 48 hours of drying time before light foot traffic and 72 hours before replacing furniture. Allow new stain to cure 30 days before washing.

## RECOMMENDED SUBSTRATES

Wood

To Recoat: Wet-on-wet before first coat has dried  
 For Pedestrian Service: 24-48 hours

Drying times listed may vary depending on temperature, humidity, film build, color and air movement.

## TINTING AND BASE INFORMATION

FLD520	Cedar
FLD521	Redwood
FLD527	Honey Gold
FLD542	Clear Natural

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

**CLEANUP:** Clean brushes and tools with warm, soapy water.

**DISPOSAL:** Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

**PERMISSIBLE TEMPERATURES DURING APPLICATION:**

Material: 50 to 90°F (10 to 32°C)  
 Ambient: 50 to 90°F (10 to 32°C)  
 Substrate: 50 to 90°F (10 to 32°C)

## PACKAGING

1 - Gallon (3.78 L)  
 5 - Gallon (18.9 L)

**FLASH POINT:** Over 200°F (93°C)

## FEATURES / BENEFITS

**Features**

Clear finish with a hint of color

Added Mildewcide package

Water repellent coating

Acrylic-Oil Resin

Fortified with **PENETROL®**

**Benefits**

Restores rich, warm look of natural wood while providing protection against damage from UV rays

Provides a mildew resistant finish

Protects wood from water damage

Provides durability of acrylic and richness of alkyd; Easy soap and water clean-up

Provides excellent penetration

Read Label and Material Safety Data Sheet prior to use. See other cautions on last page.

## FLOOD CWF-UV Penetrating Wood Finish

## GENERAL SURFACE PREPARATION

Surface must be dry and clean. Remove all dust, dirt, mildew, oil, loose wood fibers and other contaminants. Use **Wood Stripper** to remove any previous coatings. Previous coatings must be completely removed. To ensure proper adhesion, weathered, dirty or mildewed surfaces should be cleaned with **Wood Cleaner** prior to applying product. After rinsing, allow wood to dry. Remove grade stamps or pencil marks by sanding.

**WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). In Canada, contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.**

**PRETEST:** Test wood for absorbency by sprinkling water on the surface – if water is absorbed within 30 seconds to 2 minutes, depending on climate, the surface is ready for finishing. If water is not absorbed, wait 30 days and re-test.

## APPLICATION INFORMATION

Apply when no precipitation is expected for 48 hours, and when air and surface temperatures are 50°F to 90°F (10°C to 32°C) and will remain above 50°F (10°C) for the next 48 hours. Avoid staining in direct sunlight or on hot surfaces. **DO NOT THIN.** Intermix containers to ensure color uniformity. Stir thoroughly and often during use. Apply to a small area and allow stain to dry to ensure acceptable appearance. Apply one thin coat with a high quality brush, roller, paint or stain-pad, or with spray equipment. When applying by roller or spray, always back-brush for best results. **Apply second coat wet-on-wet before the first coat has dried.** Two coat application is recommended for optimal performance. To help avoid lap marks, apply to only a few boards at a time, and maintain a wet edge. Do not saturate or puddle on horizontal surfaces. Wipe up or brush out any puddles within 20 minutes to avoid shiny areas.

## LIMITATIONS OF USE

While this product provides a mildew resistant coating, growth may still occur if the substrate is not properly prepared prior to painting and/or if the substrate is consistently exposed to conditions conducive to mold, mildew, and algae. Examples of these conditions include, but are not limited to, under eaves, behind shrubbery and trees, and in areas that are consistently damp with little to no direct sunlight. **FOR EXTERIOR USE ONLY. PROTECT FROM FREEZING.**

## PRECAUTIONS

**WARNING! HARMFUL IF SWALLOWED. CAUSES RESPIRATORY TRACT AND EYE IRRITATION.** Sanding and grinding dusts may be harmful if inhaled. Inhalation of high concentrations of vapor may affect the central nervous system. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Do not swallow. Avoid contact with eyes. Avoid breathing vapor or mist. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **DANGER - RAGS, STEEL WOOL OR WASTE SOAKED WITH FLOOD CWF-UV MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.** **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.** **FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Keep out of the reach of children. For workplace use, an MSDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

The PPG Logo is a registered trademark of PPG Industries Ohio, Inc. CWF-UV, PENETROL, FLOOD and the FLOOD and Paintbrush Design are registered trademarks of PPG Industries, Inc. © 2015 PPG Industries, Inc. All Rights Reserved.

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, call 1-800-426-6306.



PPG Industries, Inc.  
Architectural Coatings  
One PPG Place  
Pittsburgh, PA 15272  
[www.flood.com](http://www.flood.com)

Technical Services  
1-800-426-6306

Architect/Specifier  
1-888-PPG-IDEA

PPG Architectural Coatings Canada Inc.  
2505, rue de la Métropole,  
Longueuil (Québec) Canada J4G 1E5

T.D. FLD520 1/2016

