



# Flood® CWF-UV® Clear Wood Finish

## Specification Guidelines



### MANUFACTURER

AkzoNobel Decorative Paints, USA  
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### PRODUCT DESCRIPTION

CWF-UV® is a clear wood finish that's designed to restore the rich, warm appearance of natural wood. CWF-UV protects against damage caused by moisture and ultraviolet rays, and provides a mildew-resistant finish that won't crack, peel or flake.

### BASIC USES

- For exterior use only
- Weathered exterior woods including Cedar, Redwood and Pressure-Treated Wood
- Horizontal and vertical surfaces such as decks, siding, fences and furniture

### TECHNICAL DATA

FINISH: Matte

VEHICLE TYPE: Oil/Water Blend

SOLVENT TYPE: Water

WT/GALLON: 8.2 lbs/gal

PHYSICAL STATE: Liquid

FLAMMABILITY: N/A

COMBUSTIBILITY: Yes

FLASH POINT: > 175°F TCC

SHELF LIFE: 5 years unopened

CONTAINER SIZE: Gallon and 5-gallon

COLOR: Natural Tone (Clear), Cedar, Redwood & Honey Gold Tones

DRY TIME: 24-48 hours

VOC: Does not exceed 550 g/L (4.6 lbs/gal); low VOC: does not exceed 350 g/L (2.9 lbs/gal); use as is, do not thin

### SURFACE PREPARATION

#### GENERAL DIRECTIONS:

1. Surfaces must be thoroughly clean, dry and free of dirt, grease, grime, mildew and previous coatings.
2. Remove mildew with a solution of 4 ounces of non-ammoniated detergent (TSP), 1 quart of outdoor bleach and 3 quarts of fresh water. Allow this solution to remain on the surface for 10-15 minutes, then rinse thoroughly.
3. Clean weathered wood with Flood Wood or Cleaner Flood Dekswood®.
4. Remove old finishes with Flood Wood Stripper or FloodPro® Stripper/Cleaner.
5. After cleaning, allow wood to dry 48 hours or until it has reached a moisture content of 15% or less before finishing.

#### NEW WOOD SURFACES:

New wood surfaces have a hard shiny surface called mill glaze that prevents maximum penetration and bonding of a finish. To properly prepare the surface for application, treat with a solution of Flood Wood Stripper, diluted one quart per gallon of water. Test wood for absorbency by sprinkling water on the surface. If water is absorbed rapidly, the surface is ready for finishing.

#### WEATHERED WOOD SURFACES:

Uncoated wood surfaces that have weathered longer than six months require thorough cleaning before applying a finish. Use Flood Wood Cleaner® or Flood Dekswood® (according to label instructions), along with a pressure washer or stiff bristle brush to remove the loose fiber, dirt and other surface contaminants.

#### PREVIOUSLY COATED SURFACES:

Apply to bare wood surface or a weathered wood surface that was previously finished with CWF-UV. Other previous stain, varnish or sealers must be completely and thoroughly removed with Flood Wood Stripper or FloodPro® Stripper/Cleaner per label directions, before proceeding.

**NOTE:** Cedar and Redwood may darken with Flood Wood Stripper or FloodPro Stripper/Cleaner. If this occurs brighten with Flood Wood Cleaner or Flood Dekswood before proceeding.

#### LEAD STATEMENT

**WARNING!** If you scrape sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE ESPECIALLY IN CHILDREN, PREGNANT WOMEN SHOULD AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean-up carefully with HEPA vacuum and wet mop. Before you start, find out how to protect yourself and you family by contacting the National lead information Hotline at 1-800-424-LEAD or log onto [www.epa.gov/lead](http://www.epa.gov/lead).

#### APPLICATION TOOLS

- Brush: High quality, synthetic stain brush
- Roller: Synthetic, woven cover 3/8"-3/4" inch
- Spray: Air-Less sprayer .017-.021 fluid tip/ 1800-2100 psi or less



\*continued on reverse side



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## APPLICATION

**CAUTION: Surfaces are slippery when wet. Use caution when walking on wet surfaces during application.**

1. Stir. Use as is, do not thin.
2. Mix thoroughly before and periodically during application.
3. For color uniformity, intermix in one container, all finish to be used on an entire section.
4. Cover everything you do not wish to coat, including plants and shrubs.
5. Apply between 50°F and 80°F.
6. Do not apply if cold and/or wet weather is expected within 48 hours.
7. Always work the entire length of a deck board or horizontal siding to a logical break, such as a window or door frame.
8. Vertical siding should be coated from top to bottom.
9. Never stop application in the middle of the board or wall.
10. Never apply in direct sunlight or to hot surfaces.
11. For external use only, do not use indoors.
12. In most cases a single coat of CWF-UV is sufficient.
13. For porous or older wood, apply a second coat before the first coat dries (usually within 20 minutes). Do not apply a second coat if the first coat has dried.
14. After spray application, back brush or backroll to improve penetration and uniformity of coverage.
15. Wipe up any puddles to avoid shiny areas, (within 20 minutes).

**NOTE: CWF-UV is not a surface coating. It protects by penetrating the wood.**

## COVERAGE

- 150-250 sq. ft/gal (13.9-23.3 sq. m/gal)
- Coverage varies based on age and density of wood

## DECK MAINTENANCE

- Most decks do not have to be coated every year
- A single coat of CWF-UV® every second year will be sufficient to refresh the natural beauty of your deck and to maintain protection
- Between recoats, a periodic cleaning with Flood Wood Cleaner or Flood Dekswood Cleaner to remove dirt and contamination will renew the appearance of the wood
- On siding and other vertical wood including fences, exterior furniture, use as directed in steps 1 through 3 under "Application"
- Surfaces with harsh exposures to the sun, weather or foot traffic will show wear more quickly than other areas – If this happens, clean effected areas with Flood Wood Cleaner and recoat as necessary, blending into areas which still have good color
- For general recoating follow directions in "General Surface Preparation" and "Application"

## SIDING MAINTENANCE

- Vertical surfaces do not require annual maintenance
- Surfaces with harsh exposures to the sun and weather will show wear more quickly than other areas – If this happens, clean effected areas with Flood Wood Cleaner and recoat as necessary, blending into areas which still have good color
- Areas retaining good color do not need recoating
- Badly weathered areas may require 2 coats (apply the second coat before the first coat dries). Do not apply a second coat if the first coat has dried.
- Backbrush or backroll to improve penetration and uniformity of coverage

## CLEANUP & STORAGE

- Cleanup with soap and water
- Store unused portion in tightly closed container
- KEEP FROM FREEZING

**DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool and waste in a tightly sealed, water filled container.**

## LIMITED WARRANTY

AkzoNobel Decorative Paints, USA warrants that Flood CWF-UV will protect against water damage, peeling, blistering, and graying of the surface due to ultraviolet light exposure for four (4) years on vertical surfaces such as fences and siding and two (2) years on horizontal surfaces such as decks from the date of purchase if applied according to label instructions to a properly prepared surface. This warranty does not cover wood that was water damaged prior to application of the product and graying due to surface mildew growth. If Flood CWF-UV fails to perform as described above, AkzoNobel Decorative Paints, USA will, at its option, provide an equivalent amount of new product at no charge or refund the purchase price. This warranty does not include labor or the cost of application of any product, and in no event shall Akzo Nobel Decorative Paints, USA be responsible for damages in excess of the purchase price. Claims must be made in writing and accompanied by proof of purchase. This warranty does not apply to problems caused by alteration of this product, accident, misuse, improper storage, abuse, or neglect. THERE ARE NO OTHER EXPRESS WARRANTIES. IN NO EVENT SHALL AKZONOBEL DECORATIVE PAINTS, USA BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR USE. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation may not apply to you. This warranty gives you specific legal rights and you may have other rights which may vary from state to state.

**WARNING! VAPOR HARMFUL. CONTAINS PETROLEUM DISTILLATES. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE EYE, SKIN, NOSE AND THROAT IRRITATION. Use outdoors only, in well-ventilated areas. Avoid contact with eyes and skin, and inhalation of vapors. Close container after each use. If spray applying, follow equipment safety instructions and wear a NIOSH/MSHA respirator per manufacturer's directions. Change clothes and wash thoroughly when finished. First Aid: In case of eye or skin contact, flush with water continuously for 15 minutes. If inhalation causes dizziness or discomfort, leave area to obtain fresh air. In all cases, if irritation or discomfort persists, consult with a physician. If swallowed, do not induce vomiting and get medical attention immediately. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. KEEP OUT OF REACH OF CHILDREN.**



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**For additional information or assistance,  
write or call toll-free: 1-800-321-3444.**

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[www.flood.com](http://www.flood.com)

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