



# Flood® CWF® HARDWOODS Clear Wood Finish

## Specification Guidelines

### MANUFACTURER

Akzo Nobel Paints LLC  
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### PRODUCT DESCRIPTION

Flood® CWF® Hardwoods penetrates and bonds to exterior wood providing a flexible, long-lasting rich, matte finish, even on tough exotic hardwoods such as Ipé, Pau Lope®, Ironwood, Mahogany and Teak. Flood® CWF® Hardwoods saturates, penetrates and stabilizes wood to minimize cracking, warping and other damage caused by moisture and sun. The unique formula, combined with premium UV absorbing transoxide pigments, provides a matte finish that accentuates the beautiful color of wood for years to come. Due to the unique penetrating water-borne formula, Flood CWF Hardwoods provides a longer lasting finish, is low odor, and enables easy cleanup with soap and water.

### BASIC USES

- For exterior use only.
- All new and weathered exterior hardwoods, including Ipé, Pau Lope, Ironwood, Mahogany and Teak.
- Horizontal and vertical surfaces such as decks, siding, fences and furniture.

### TECHNICAL DATA

**FINISH:** Matte  
**VEHICLE TYPE:** Acrylic  
**SOLVENT TYPE:** Water  
**WT./GALLON:** 8.53 lb/gallon  
**PHYSICAL STATE:** Liquid  
**FLAMMABILITY:** N/A  
**COMBUSTIBILITY:** N/A  
**FLASH POINT:** > 200°F  
**SHELF LIFE:** 2-years minimum  
**CONTAINER SIZE:** Gallon and 5-gallon  
**COLOR:** Natural Tone (Tintable), Cedar Tone  
**DRY TIME:** 12 – 24 hours, depending on temperature and humidity  
**VOC:** Does not exceed 275 g/L (2.3 lb/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 Cleaner or 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 20% 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 or FloodPro Stripper/Cleaner diluted one quart per gallon of water. An alternative is to sand the surface with 80 grit sandpaper, using a hand or pole sander. Clean off all loose wood particles. 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 Hardwoods. 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 NOISH 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 your 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 .011 - .015 fluid tip/ 700-800 psi or less
- Garden sprayer



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 90°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. Apply 2 even coats, wet on wet using a synthetic brush, roller (synthetic woven 3/8" - 3/4" nap – depending on surface texture), stain brush/pad, pump sprayer or airless sprayer (.011-.015 fluid tip / 700-800 psi or less).
13. Avoid film build, as it will affect coating performance.
14. After sprayer or roller application, immediately backbrush or backroll to improve penetration and uniformity of coverage.
15. Wipe up or brush out any puddles to avoid shiny areas, (within 20 minutes).

## COVERAGE

- On rough surfaces: 100-150 sq. ft./gallon
- On smooth surfaces: 200-350 sq. ft./gallon
- Actual coverage will vary depending upon the type, age and texture of the wood

## DECK MAINTENANCE

- Most hardwood decks and horizontal surfaces do not need to be coated every year. For hardwood a single coat of CWF Hardwoods every second year will be sufficient to refresh the natural beauty of your deck and to maintain protection. Between recoats, cleaning with Flood's Wood Cleaner once a year to remove dirt and contamination will renew the appearance of the wood.
- Surfaces with harsh exposures to the sun, weather or foot traffic will show wear more quickly than other areas. If this happens, clean affected 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 "Directions For Use."

## 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 affected 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).
- Backbrush or backroll to improve penetration and uniformity of coverage.

## CLEANUP & STORAGE

- Soap and water
- KEEP FROM FREEZING

## LIMITED WARRANTY

AkzoNobel Decorative Paints, USA warrants against defects in this product for six (6) months from the date of purchase if applied according to label instructions to a properly prepared surface. If this product fails to perform in accordance with this warranty, 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 AkzoNobel 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 Akzo Nobel 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.

**CAUTION! MAY CAUSE EYE AND SKIN IRRITATION. Use outdoors only, in well ventilated areas. Avoid contact with eyes and skin. Avoid inhalation of mists. If spray applying, a respirator may offer additional protection. For additional safety information, refer to the Material Safety Data Sheet for this product. FIRST AID: Eye or skin contact, flush with water for several minutes. If inhalation causes discomfort, remove to obtain fresh air. If any discomfort persists from contact, seek medical help. If swallowed, drink water and get medical attention. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. KEEP OUT OF REACH OF CHILDREN.**



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

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