



Flood® TWF-SEMI Semi-Transparent Wood Finish

Specification Guidelines

GUARANTEED*
5 YEARS ON SIDING
años en revestimientos
3 YEARS ON DECKS
años en plataformas
GARANTIZADO*

*See reverse side for limited warranty details.

MANUFACTURER

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PRODUCT DESCRIPTION

Flood® TWF-SEMI Semi-Transparent Wood Finish is a premium-quality finish that provides long-lasting appearance and protection to natural wood. Its exclusive formula combines the rich penetration of an oil with the durability of an acrylic resin. It enhances the natural character of the wood, allowing the grain and texture to show through. TWF-SEMI provides a mildew-resistant finish and delivers unsurpassed peel and fade resistance for three years on decks and five years on siding (see reverse for limited warranty details).

BASIC USES

Exterior wood surfaces, including:

- Siding
- Decks & Docks
- Fences
- Shingles & Siding
- Pressure Treated Lumber
- Plywood (including T1-11)
- Barns
- Rafters & Beams
- Trim Boards
- Outdoor Wood Furniture

TECHNICAL DATA

FINISH: Flat

COLORS: Available in 2 tint bases (tintable to 35 custom colors)

VEHICLE TYPE: Alkyd, acrylic blend

VISCOSITY: 60-65 KU

VOC: Does not exceed 250 g/L (2.1 lb/gal). SCAQMD compliant: does not exceed 100 g/L (0.83 lbs/gal); use as is, do not thin.

% WEIGHT SOLIDS:

Light Tint Base: 35.84 - 37.84
Deep Tint Base: 34.91 - 36.91

% VOLUME SOLIDS:

Light Tint Base: 27.63 - 29.63
Deep Tint Base: 27.31 - 29.31

DENSITY (LBS.GAL):

Light Tint Base: 9.08 - 9.28
Deep Tint Base: 8.98 - 9.18

FLASH POINT: 170°F TCC

CONTAINER SIZE: 1-gallon and 5-gallon

DRY TIME: At 70° F (25° C) and 50% relative humidity

To touch: 1-2 hours, depending on temperature and humidity

To recoat: 3-4 hours, depending on temperature and humidity

NOTE: Product finish dry/cure times may be prolonged when low temperature and/or high humidity levels exist.

FREEZE/THAW: Passes 3 cycles

SURFACE PREPARATION

GENERAL DIRECTIONS

- Proper surface preparation is essential for warranty application, optimum penetration and overall product performance.
- Surfaces to be stained must be thoroughly clean, porous, dry and free of mildew and other contamination.
- Remove mildew with a solution of one part household bleach to four parts water.
- Completely remove any opaque stain, paint, varnish or sealer to expose bare wood.

NOTE: Test for penetration and absorbency by sprinkling water lightly on freshly prepared wood. If water is absorbed rapidly, surface is porous and free of contamination and ready for stain. If water is repelled, thorough preparation for new wood surfaces must be repeated.

NEW WOOD SURFACES

The ideal time to stain new wood is one to three months after installation. Some new wood surfaces, like smooth cedar, can have a hard, shiny surface called mill glaze, that prevents maximum penetration of a stain. All new wood, especially decks, should be prepared with Flood Wood Stripper or FloodPro® Stripper/Cleaner (1 quart of Flood Wood Stripper per one gallon of water) to open wood so it can accept a new finish. These products reduce mill glaze and remove natural wood chemicals and other factory applied sealers to open wood to allow maximum penetration.

WEATHERED WOOD SURFACES:

Uncoated wood surfaces that have weathered longer than six months require thorough cleaning before staining. Use Flood Wood Stripper, Wood Cleaner or Flood Dekswood® with a pressure washer or stiff bristle brush to remove loose wood fibers, dirt and other surface contaminants.

NOTE: Cedar and redwood may darken with Flood Wood Stripper or FloodPro Stripper/Cleaner. If this occurs, rebrighten with Flood Wood Cleaner or Flood Dekswood before proceeding.

PREVIOUSLY STAINED OR SEALED SURFACES:

For optimum results, apply to bare wood surfaces. Can also be applied over previous applications of Flood TWF-SEMI. Previous stain, varnish or sealer must be completely and thoroughly removed with Flood Wood Stripper or StainStrip per product label directions before proceeding.



continued on reverse side



Flood® TWF-SEMI Semi-Transparent Wood Finish

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 ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator 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 National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

COLOR SELECTION

- Before starting job, test your color choice on a small area
- Buy sufficient product for the whole job and box or intermix all product together before staining to avoid color variance
- DO NOT USE TINT BASES UNTINTED

NOTE: Custom tint using colorants that are approved for exterior use only.

APPLICATION

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

1. Stir before and periodically during application.
2. Do not thin. Test color in small area.
3. Do not apply in hot sunlight or if cold, wet weather is expected within 48 hours.
4. Apply between 50° F – 80° F.
5. Apply with a synthetic brush, roller (synthetic woven 3/8"-3/4" nap depending on surface texture) or airless sprayer (.013-.017 fluid tip / 1300-1900 psi).
6. Apply an even coat, avoiding heavy application.
7. After sprayer or roller application, backbrush to improve penetration and uniformity of coverage.
8. If an additional coat is required, it may be applied after 3-4 hours.

COVERAGE RATES

- Smooth/moderately porous surfaces: 350 - 400 sq. ft/gal
- Rough/weathered/porous surfaces: 250 - 350 sq. ft/gal

NOTE: Actual coverage rates may vary depending upon substrate type and/or conditions as well as application method.

MAINTAINING TWF-SEMI COLOR FINISH

Surfaces with harsh exposure to sun, weather or foot traffic will show wear more quickly than other areas - if this happens, clean affected areas and recoat as necessary.

CLEANUP & STORAGE

- Clean up with warm, soapy water.
- If Flood TWF-SEMI is allowed to dry on tools, remove with paint remover.
- Store unused portion in tightly closed container.
- Kepp 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 sealed, water-filled container.

LIMITED WARRANTY

Akzo Nobel Paints LLC warrants TWF-SEMI against peeling and blistering for five (5) years on siding and three (3) years on decks from the date of purchase if applied according to the label instructions to a properly prepared surface. If TWF-SEMI fails to perform as described above, Akzo Nobel Paints LLC, 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 Paints LLC 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 Paints LLC 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 applicable 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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