



TRANSPARENT WATERPROOFING WOOD FINISH

NO. 4500

PRODUCT INFORMATION

BEHR® Premium Transparent Penetrating Oil Wood Finish is designed to enhance the natural beauty of wood with one-coat application. It provides UV protection and a dirt and mildew resistant finish on decks, fences and siding. It is easy to apply and maintain, and resists rain after 4 hours of application. FOR WOOD SUBSTRATES ONLY.

RECOMMENDED USES:

Recommended for properly prepared new to slightly weathered, unsealed exterior wood surfaces (0 – 5 years) exposure such as: Decks, Railings, Shakes, Shingles, Siding, Fences, and Wood Patio Furniture.

PRODUCT SPECIFICATIONS:

Resin Type: Alkyd

Tint Bases/Max Tint Load:

No. 4500 Clear 126 fl oz / 4 fl oz

Weight per Gallon: 7.3 lb

% Solids by Volume: 62% ± 2%

% Solids by Weight: 63% ± 2%

Viscosity: 15 – 30 seconds, Zahn Cup #2

VOC: < 250 g/L

Flash Point: 144°F

Coverage: 350 – 400 sq ft/gal, depending on application method and substrate porosity. Does not include the loss of material from spraying.

APPLICATION:

One coat application. For optimum performance, coat all accessible sides. Lightly saturate the surface and back-brush any excess finish. Be sure to eliminate puddling and evenly distribute the finish. Excess product allowed to sit on surface will result in a tacky finish. Maintain a wet edge when applying. Apply product end-to-end or to board lengths to prevent lap marks.

Brush: Natural bristle

Roller: 1/4" – 3/8" nap roller cover, depending on surface texture

Airless Spray:

Tip: .013" – .017"

Filter: 60 mesh

Fluid Pressure: 1,400 – 2,400 psi

Thinning: If thinning is necessary for spray application, then use a VOC-compliant paint thinner (where applicable) at a rate of up to 8 fl oz per gallon.

Dry Time: 77°F (25°C), 50% RH

To Touch: 2 – 4 hours

To Recoat: 24 hours

Full Cure: 72 hours

Longer dry time may be required in cooler temperatures and higher humidity.

SURFACE PREPARATION:

All surfaces must be clean, free of dust, chalk, oil, grease, wax, polish, mold and mildew stains, loose and peeling paint, rust and all other foreign substances.

For failing coatings or to remove loose wood fibers, use a product such as BEHR PREMIUM® No. 64 Wood Stain & Finish Stripper followed by BEHR PREMIUM No. 63 All-In-One Wood Cleaner to neutralize the wood. When No. 64 is not needed, a product such as No. 63 MUST be used to remove mill glaze and clean the wood surface. After using either No. 64 or No. 63, rinse thoroughly with a garden hose or pressure washer. When rinsing with a pressure washer, use the broadest spray pattern while keeping the nozzle at least 24" away from the surface. Remove any standing water and allow the area to dry to under 20% moisture content approximately 1 – 3 hours of dry time under normal conditions before coating. Let surface dry completely then lightly sand to remove wood fibers.

WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

NOTE: Any surface preparation short of total removal of the old coating will compromise the service length of the system.

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 Center at 1-800-424-LEAD or log on to www.epa.gov/lead.

COMPLIES WITH THE BELOW AS OF 7/1/2020

SCAQMD	YES	OTC	YES
CARB SCM 2007	YES	LADCO	YES
OTC Phase II	YES	AIM	YES

CLEAN-UP/DISPOSAL:

Clean all tools and equipment with mineral spirits. Rags, steel wool and waste soaked with BEHR PREMIUM® Transparent Waterproofing Wood Finish may spontaneously catch fire if improperly discarded or stored. To avoid a spontaneous combustion fire, immediately after use, place rags, steel wool or waste in a sealed, water-filled, metal container. Do not store unused product inside the home. For disposal guidance, contact your household refuse collection service, fire department, county or state government environmental control agency.

CAUTIONS/LIMITATIONS:

- For best results, apply when air, material and surface temperatures are between 40°F and 90°F. Avoid applying stain in direct sunlight or to hot surfaces. Temperatures above 90°F can cause the stain to dry too fast. Do not apply if rain is expected within 4 hours of product application.
- DO NOT APPLY MORE THAN ONE COAT.
- Do not apply over sealed surfaces. To determine if the surface is sealed, test the absorbency of the wood by sprinkling water on the surface. If water penetrates into the wood quickly, the wood is ready to stain. If the water beads up or does not penetrate, allow the wood to weather for at least two weeks and test for absorbency again.
- Different wood species and textures will affect final appearance. Always test product for color on an inconspicuous area before proceeding with entire project.
- Over-application of BEHR PREMIUM® Transparent Waterproofing Wood results in film forming on the wood surface and therefore subject to peeling and flaking.
- Stained surfaces may become slippery when wet.
- Product can be applied annually if needed. When color has faded and water is readily absorbed by the substrate, prep/ clean with a product such as BEHR PREMIUM No. 63, allow to dry, and apply a new/fresh coat of wood finish.
- Shelf life under normal conditions is two years unopened.





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GENERAL INFORMATION:

DANGER! HARMFUL OR FATAL IF SWALLOWED AND ENTERS AIRWAYS. COMBUSTIBLE LIQUID AND VAPOR. CONTAINS: WHITE MINERAL OIL, PETROLEUM DISTILLATES AND NAPHTHA. MAY AFFECT THE BRAIN OR CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN, NOSE AND THROAT IRRITATION. NOTICE: Reports have associated repeated prolonged occupational exposure to solvents with permanent brain and central nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Keep away from heat and flame. Do not smoke. Prevent build-up vapors by opening all windows and doors to achieve cross-ventilation. Vapors are heavier than air, and can travel at floor level to distant ignition sources. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors, high intensity lights and other sources of ignition during use and until all vapors are gone. **USE ONLY WITH ADEQUATE VENTILATION.** To avoid breathing vapors and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH-approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use.

FIRST AID: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 20 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Call physician immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY.

