



FAST DRYING WATER-BASED POLYURETHANE

NO. B8100 SERIES

PRODUCT INFORMATION

BEHR® Premium Fast-Drying Water-Based Polyurethane is designed to provide a crystal clear self-leveling smooth finish that protects and beautifies interior wood surfaces. This product has less odor than oil-based finishes and resists stains and scratches. Available in four sheens: Matte, Satin, Semi-Gloss and Gloss.

RECOMMENDED USES:

Ideal for properly prepared interior bare or stained surfaces such as furniture, moldings, cabinets, trim and wood doors.

CAUTION: Topcoated surfaces may be slippery when wet.

PRODUCT SPECIFICATIONS:

Finish: Matte: 5 – 15 @ 60°
 Satin: 20 – 30 @ 60°
 Semi-Gloss: 50 – 60 @ 60°
 Gloss: > 85 @ 60°

Resin Type: Polyurethane/Acrylic

Weight per Gallon: 8.4 lb

% Solids by Volume: 29% ± 2%

% Solids by Weight: 30% ± 2%

VOC: < 275 g/L

Flash Point: N/A

Viscosity: 7 – 15 s (Zahn #3 cup)

Recommended Film Thickness:

Wet: 2.8 mils / Dry: 0.8 mils @ 500 sq ft/gal per coat
 For maximum durability, 3 coats are required

Coverage: Up to 500 sq ft/gal, depending on application method and substrate porosity.

APPLICATION:

Stir thoroughly prior to and during use. Do not shake or thin. Using a high quality nylon brush, dip approximately an inch into the can, gently tapping it against the inside to remove any excess. Apply a thin, even coat following the direction of the grain making sure to maintain a wet edge. To minimize the brush marks and bubbles after staining application, tip off the surface by holding the brush at a 45 degree angle and lightly run the bristles over the entire length of the wood.

Floor Application: use a synthetic pad applicator or nylon/polyester brush and maintain a wet edge to avoid lap marks. Do not puddle, over-brush or overlap finishes. Sand lightly between coats with fine sandpaper. Remove all dust prior to applying additional coats.

Brush: Nylon/Polyester

Thinning: DO NOT THIN. Product is formulated for use at package consistency only.

Dry Time: @ 77°F & 50% RH

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

To Touch: 1 hour

Sand or Recoat: 2 hours

Light Use: 12 – 24 hrs

Full Cure: 72 hrs

SURFACE PREPARATION:

All surfaces must be clean, free of dust, oil, grease, wax, polish, glue and all other foreign substances.

For refinishing, remove all wax or cleaner build-up with a wax stripper or degreaser prior to sanding. Sand all surfaces in the direction of the wood grain to desired smoothness. DO NOT USE steel wool. Remove all dust from sanded surfaces.

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.

CLEAN-UP/DISPOSAL:

Clean all tools and equipment with warm, soapy water. Do not dispose of this product down a drain. If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations. For recycling or disposal of empty containers, unused product and soiled rags, contact your household refuse collection service.

COMPLIES WITH THE BELOW AS OF 9/1/2021			
SCAQMD	YES	OTC	YES
CARB SCM 2007	YES	LADCO	YES
OTC PHASE II	YES	AIM	YES

CAUTIONS/LIMITATIONS:

- Protect from freezing.
- Product appears milky when wet but dries to a crystal clear finish.
- Do not use a belt or drum-type sander for sanding between coats.
- Avoid heavy traffic and replacing of furniture for 72 hours after final coat. When replacing furniture, do not slide. Do not install rugs or clean floors for 7 days.
- Shelf life under normal conditions is two years unopened.

GENERAL INFORMATION:

WARNING! IRRITANT. CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. Avoid contact with skin and eyes and avoid breathing vapors, spray mist and sanding dust. Sanding, grinding or abrading may release sanding dust, which may be harmful if inhaled and has been shown to cause lung damage or cancer with long term exposure. Do not breathe dusts, vapor, or spray mist. To avoid breathing in dust, vapors, and spray mist, open windows and doors or use other means to ensure fresh air entry during application, drying, sanding, and/or abrading. If properly used, a respirator (NIOSH approved with particulate pre-filter) may offer additional protection and should be used if adequate ventilation cannot be provided; obtain professional advice before using. If you experience eye watering, headaches, or dizziness during application or drying, increase fresh air or leave the area. 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, get medical attention immediately.

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

