PROGRESSIVE TECHNICAL DATA SHEET

WATER-BASED STAIN & POLY IN ONE
NO. B6200 SATIN & B6300 GLOSS SERIES

PRODUCT INFORMATION

BEHR® WATER-BASED STAIN & POLY IN ONE is designed to provide time-saving application by delivering rich color and protection in one step to all interior wood surfaces. This product enhances wood grain and has less odor than oil-based products.

RECOMMENDED USES:

Properly prepared interior surfaces such as furniture, moldings, cabinets, trim, and wood doors. Do not use on floors.

PRODUCT SPECIFICATIONS:

Tint Base/Max Tint Load:
No. B6200 Satin Tint Base 31 fl oz / 1.5 fl oz (quart)
No. B6300 Gloss Tint Base 31 fl oz / 1.5 fl oz (quart)

Premixed Colors: Available in 8 colors

Finish: Satin - 20–30 @ 60° | Gloss - > 85 @ 60°

Resin Type: Polyurethane/Acrylic

Weight per Gallon: 8.5–8.8 lb

% Solids by Volume: 29% ± 2%

% Solids by Weight: 31% ± 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 gallon
For maximum durability, 2 coats are required.

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

APPLICATION:

Stir BEHR Water-Based Stain & Poly In One thoroughly before and occasionally during use. Using a high quality nylon/ polyester bristle brush, dip approximately an inch into the can, gently tapping it against the inside to remove any excess. Apply a very THIN, even coat following the direction of the grain. Make sure to maintain a “wet” edge. To minimize the brush marks and bubbles after staining, 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. Let the first coat dry for 1 hour or more. Dry time may be extended due to high humidity, low wood temperature, and inadequate ventilation or if the coat is applied too thick. Lightly sand the surface between coats with fine sand paper (#400 grit). Remove all dust. Brush on a second thin coat following directions above. To deepen the color, apply a third coat. NOTE: For additional protection, without adding color, add a coat of BEHR Fast Drying Polyurethane.

Brush: Nylon/polyester brush

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 hr
- Recoat: 1 hr
- Light Use: 12–24 hrs
- Full Cure: 3 days

SURFACE PREPARATION:

All surfaces must be clean, free of dirt, dust, oil, grease, wax, polish and glue.

New Wood: Sand the wood in the direction of the grain using fine-grade sandpaper (#150-220 grit) until smooth. Remove all sanding dust. To help ensure uniform acceptance of stain color and beautiful results, pretreat new or raw wood with BEHR® Water-Based Pre Stain Wood Conditioner, following label directions.

Previously Finished Wood that is not being stripped:
Lightly sand surface with a 400-grit sandpaper to ensure adhesion. Remove all dust.

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.

CAUTIONS/LIMITATIONS:

- Protect from freezing.
- Always test Water-Based Stain & Poly in One on a scrap piece or hidden area of wood to verify desired color.
- Shelf life under normal conditions is 2 years unopened.
- Recommended finishes include BEHR Fast-Drying Polyurethane or BEHR Spar Urethane. Slight ambering may occur when these clear finishes are applied over light-colored stains. Always spot test on an inconspicuous area to ensure satisfactory results.

GENERAL INFORMATION:

WARNING: IRRITANT CONTAINS: ETHYLENE GLYCOL.
MAY CAUSE DAMAGE TO ORGANS (KIDNEY) THROUGH PROLONGED AND REPEATED EXPOSURE. MAY CAUSE EYE, SKIN, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE WITH ADEQUATE VENTILATION.

LEAN-UP/DISPOSAL:

This information is provided “as is” and no representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made with respect to this information or to any product referred to in this information. For SDS or to consult with a Behr Paint Company representative, call 1-800-854-0133 Ext. 2 (U.S.A. only). ©2020 Behr Process Corporation, Santa Ana, CA 92705 U.S.A.