11 Hawthorn Parkway
Vernon Hills, IL 60061
An RPM Company

Technical Data Bulletin

Bulls Eye® Polyurethane

Water Based Formula

Description

A fast drying, professional grade polyurethane recommended for all interior wood surfaces and wood floors where a beautiful protective finish is required. Bulls Eye Polyurethane's durable formula dries to a crystal finish and will not yellow over time. Available in gallon and quart sizes.

Selection Data

Generic Type – Acrylic-urethane modified water-base wood & floor finish

Performance Characteristics

- Compatible with other oil and water base finishes
- Protects against abrasion, alcohol, water and sunlight
- Dries in only 1 to 2 hours
- Cleans up easily with soap and water
- Low-odor water-base formula
- Available in gloss, semi-gloss and satin sheens

Recommended Systems

New Bare Floor, Full Sand:
1 Coat Bulls Eye SealCoat Universal Sanding Sealer
2 Coats Bulls Eye Water-Base Polyurethane

Recoat: A minimum of 3-4 coats is recommended

Recommended Uses – Ideal for floors, trim, doors, cabinets, furniture and more.

Application Data

SURFACE PREPARATION – Surface must be clean, dry and free from old finishes, wax, grease and dust. Sand area smooth progressing in sand paper grit from rough to medium to fine. Final screen floor with 120 or 150 grit screen or sand paper. For hardwood floors, use NOFMA and NWFA accepted methods for sanding details. After sanding and screening, vacuum surface to remove 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 Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

Application Conditions – For best results, use at temperatures between 60º and 80ºF (10º and 32ºC).

Staining Before Finishing – Oil or water-base stains can be used prior to applying *Bulls Eye Water-Base Polyurethane*. Allow oil-base stains to dry a minimum of 72 hours, depending on job site conditions, before applying the finish. Test a sample area for product compatibility. If applying a stain DO NOT use a sanding sealer. Apply *Bulls Eye Water-Base Polyurethane* directly over a thoroughly dry stain.

Sealing Before Finishing – A sanding sealer may be used as an option to initially coat bare wood surfaces. It penetrates and seals the wood and dries quickly. *Bulls Eye SealCoat Universal Sanding Sealer* is recommended because of its superior adhesion and extremely fast dry time. Sealer must be completely dry before applying *Bulls Eye Water-Base Polyurethane*.

Application Methods – Apply Bulls *Eye Water-Base Polyurethane* using a new synthetic pad or brush. Always apply in the direction of the wood grain with smooth, thin, even coats. Apply at a rate of 650 sq. ft. per gallon. Maintain a wet edge to avoid lap marks. Allow to dry for 1-2 hours. Abrade surface after the first coat is dry with an oscillating buffer using 120 or 150 grit screen or maroon buffing pad. Vacuum and wipe clean with a slightly water-dampened lint-free cloth, and allow to completely before applying a second coat.

Sanding between coats for adhesion is not required if reapplied within 6 hours. However, screening or sanding between coats usually produces a smoother, better-looking finish. A minimum of 3-4 coats is recommended in addition to the sealer coat. Do not apply more than 2 coats, including Bulls Eye SealCoat within 24 hours. Allow final coat to dry overnight before allowing light foot traffic. Do not allow heavy foot traffic for one week. Finish will take 14 to 21 days to fully cure.

Refinishing a previously Finished Floor – If the existing finished wood surface or wood floor is in good condition and free from wax or other contaminates, you may recoat the surface without totally sanding it to bare wood. A thorough cleaning and abrading of pre-finished surface is required. If compatibility with the old finish is unknown, a coat of *Bulls Eye Sealcoat Universal Sanding Sealer* will minimize potential adhesion problems.

Technical Assistance - Available through local authorized Rust-Oleum dealers. For the dealer nearest you call 847-367-7700 or visit our website at www.rustoleum.com.

Warranty – This product will perform as claimed if directions are followed. Directions are complete as possible but cannot encompass all conditions, applications, techniques and/or surfaces which are beyond our control. If you have a question, check with your dealer or contact Rust-Oleum Corporation, Vernon Hills, IL. Warranty is limited to replacement or refunded value of product actually used if such product proves defective within two years of manufacture. No other warranty is expressed or implied.

Thinning – Do not thin or add water

Dry Time – In most cases, the first coat of *Bulls Eye Water Base Polyurethane* will dry in 1-2 hours and can be sanded and recoated. 3-4 Total coats are recommended. Finish will take 14 to 21 days to fully cure. Humidity and Job site conditions can shorten or lengthen dry times.

Coverage – Approx. 650 sq. ft. per gallon. Application losses may vary according to the porosity of the substrate and the method of application and should be taken into account when estimating the quantity of product needed.

Cleanup – Clean all tools with soap and warm water immediately after use.

Precautions

Keep away from children. Do not take internally. Avoid inhalation of spray or prolonged skin contact and wash hands thoroughly after handling. Wear protective clothing and eye protection. Use only with adequate ventilation.

Typical Physical Properties

Percent Solids, Weight:	26-28%
Percent Solids, Volume:	25-27%
Density:	8.3 lb/gal-8.5 lb/gal
Viscosity Range:	75 – 130 cps (74F)
Dry Film Thickness:	
Maximum V.O.C.	275 g/L
Theoretical Spread Rate @ 1 mill DFT:	375 – 475 sq. ft/gal
Dry Time @ 75° F/50% RH:	Touch: 60 min Recoat: 2 hours
Adhesion Cure @ 75° F/50% RH:	7 days
Cured Gloss @ 60°:	>90 % (gloss) 50-60% (semi) 20-30% (satin)
Flash Point (ASTM D3278):	>215° F (102° C)
VOC:	<275 g/L
Freeze/Thaw Stable:	Yes
Shelf Life:	36 mo @ 75° F (24° C)
Storage/Handling:	Store indoors 40° – 90° F (4° – 32° C)

Packaging

Sheen	Unit Size	Unit Code	UPC	Case Pack	Case Wt.
Gloss	1 gallon	07571	047719075714	2	17
	1 quart	07574	047719075745	4	10
S-Gloss	1 gallon	07581	47719075813	2	17
	1 quart	07584	047719075844	4	10
Satin	1 gallon	07591	47719075912	2	17
	1 quart	07594	47719075943	4	10

Keep out of reach of children

Read and carefully follow all information on this Technical Data Bulletin, on the product label and the material safety data sheet for this product. To the best of our knowledge, the data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact Rust-Oleum to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Rust-Oleum's quality control and assume no responsibility for coverage, performance or injuries from use. Visit Zinsser.com for our most up-to-date technical data bulletins.

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