

**B0675, B1619, B1620, B1623**

**Advanced Oil and Water Wood Floor Finish**

Emulsion PRO™ is a professional grade self-sealing, low foam, dual crosslinking polyurethane system designed for use in a variety of wood floor applications. Emulsion PRO adds a rich amber color, much like an oil, with fast dry times and superior application properties.

**FEATURES**

- Advanced Oil and Water Technology
- Professional Grade superior leveling and low foam for ease of application
- Dual Oxidative and Internal Crosslinking for enhanced durability
- Self-Sealing Technology ideal for sealer and finish coats
- Compatible with Basic Coatings XL Catalyst for increased durability, adhesion and chemical resistance.
- Available in Gloss, Semi-Gloss, Satin and Super Matte

**RECOMMENDED USES**

- Traditional Oil replacement in Residential, Commercial and Sports floors
- Sealer coat under any Basic® Coatings Waterbased Wood Floor Finish
- Ideal for enhancing the beauty of Exotic Wood Species

**PROPERTIES**

Color.....	Light Amber
Solid Content.....	27% +/- 2%
Defoaming.....	Excellent
Leveling.....	Excellent
Chemical Resistance.....	Excellent
Odor.....	Mild
VOC.....	Below 275 grams/liter
Gloss @ 60°.....	Gloss>85
	Semi-Gloss 45-60
	Satin 25-35
	Super Matte 5-15
Dry Time.....	.2 – 3 hours
Coverage.....	500 – 600 sq. ft. / Gallon (12 – 15 sq. M/ Liter)
Flash Point.....	Greater than 200°F (93°C)
Stability.....	1 year shelf life under proper storage conditions
Clean Up.....	Water
Storage.....	Do not store above 120°F (49°C)
Packaging.....	1 U.S. gallon container (4 gallons/case) 5 U.S. gallon pail
Application.....	Use Basic Coatings T-bar and trim pad

**RECOMMENDED SYSTEMS**

**New Installations/Newly Sanded Floors** .....3 - 4 Coats Emulsion PRO, 2 coats Emulsion PRO and 2 coats Basic Coatings Waterbased Wood Floor Finish

**Screen and Recoat** ..... 2 coats Emulsion PRO

**TyKote® and Recoat**.....1 thin coat Basic Coatings TyKote and 1 coat Emulsion PRO

See Basic Coatings TyKote Technical Data Sheet for more information on the TyKote Dustless Recoating System.

**Note: Tannin pull and/or final color results may vary depending on wood species and consistency of the application.**

**OVER STAINS AND GAME LINE PAINTS**

**For Stains:** Allow stains to dry per manufacturer’s directions or longer depending on environmental conditions. Apply 3 - 4 coats of Emulsion PRO or 2 coats Emulsion PRO and 2 coats of a Basic Coatings Waterbased Wood Floor Finish.

**For Game Line Paints:** Please refer to Basic Coatings Technical Bulletin, *Approved Game Line Paints and Procedure*, for proper application and a current list of approved paints.

**Note:** A test board is recommended with any stain/game line paint to insure compatibility and color acceptance.

**ADDING DRY TIME EXTENDER™**

Up to 12 ounces of Basic Coatings Dry Time Extender can be added per gallon of finish. Adding Dry Time Extender will increase the flow and level time during situations of high temperature and low humidity.

**ADDING XL CATALYST**

Basic Coatings XL Catalyst added to Emulsion PRO will provide increased adhesion, durability and chemical resistance. XL Catalyst can be used with Emulsion PRO when coating over epoxy based wood floor finishes for proper adhesion. Slowly add 3 ounces XL Catalyst to 1 gallon of Emulsion PRO while stirring with a clean stir-stick, stir 1 minute and allow catalyst to acclimate in solution for 10 minutes before application. Please refer to Basic Coatings Technical Bulletin, *Adding XL Catalyst to Basic Coatings Wood Floor Finishes*, for more information.

## SURFACE PREPARATION

1. Sand floors using accepted NFWA/MFMA procedures. All old finish must be removed. A NIOSH approved dust mask should be worn during sanding.
2. Finish sanding with new 120 – 150 grit screens. DO NOT USE STEEL WOOL.
3. Vacuum. Tack with clean Basic® Coatings Microfiber Mop until all dust has been removed.

## FINISH APPLICATION

Always maintain adequate ventilation during all phases of the coating and drying process.

1. Use a stir stick to re-disperse any settlement, rock container several times.
2. Set aside for 10 minutes to allow bubbles to break.
3. Measure and record moisture content of the floor in several areas.
4. Rinse finish applicator and remove all excess water to remove loose applicator fibers.
5. Edge out about 6 inches from baseboard or wall with a paint pad or polyester brush. Stay within 2- 3 feet of the finish line to avoid lap marks, streaking or thicker film build. Be sure to feather the edge.
6. Starting about one foot from the head wall, pour a 4-inch wide line of finish the length of the floor going with the grain. Stop about three feet from the opposite wall. As close to the wall as possible, hold the applicator at a slight angle and drag it in a "squeegee" or "plowing" type motion to move the puddle from one side of the room to the other. Overlap two inches of the last pass and pull parallel passes until the entire floor is coated. Brush out all turns, stops, and other applicator marks brushing in the direction of the grain of the wood. Feather out turns with a painters pad after the T-bar has made the turn. Add finish to the puddle-line when needed to maintain a wet edge across the room. For more information on coating procedures and tips visit the training section at [basiccoatings.com](http://basiccoatings.com).
7. When 2-3 feet from exiting wall, begin to taper the puddle-line down to a nickel size bead. Back out of the room by wetting small sections of the remaining floor, brushing away from you in the same direction as the grain of the wood.
8. Allow each coat a minimum of 30 to 45 minutes to level.
9. After finish levels, place fans in an adjacent area to pull moisture away from the job site. When each coat has dried a minimum of 2-3 hours, re-measure moisture content. If moisture content is not equal to the first reading, allow more dry time before proceeding to the next coat.
10. If necessary, abrade between coats to remove debris, hair, drips, etc. or if the 24-hour window between coats has elapsed. Abrade with the pad and strip system, using 180-240 grit sanding strips. Vacuum and tack with the Basic Microfiber Mop in between coats.
11. If the 24-hour window has elapsed, the Basic Coatings TyKote® Dustless Recoating System is an alternative to screening the floor. Refer to TyKote application procedures for details.
12. Apply all subsequent coats in the same manner.

## RECOATING PROCEDURES

DO NOT USE Emulsion PRO™ over waxed surfaces. See Basic Coatings Technical Bulletin, *Testing and Removal Procedure for Acrylic Polish and Paste Wax*.

1. Tack the floor with Basic Coatings Squeaky Cleaner per label directions.
2. Abrade with new 100 or 120-grit screens or use the pad and strip system. DO NOT USE STEEL WOOL.
3. Vacuum. Tack the floor with a clean Basic Coatings Microfiber Pad until all dust has been removed.
4. Apply 1 – 2 coats Emulsion PRO using the procedures outlined above.

## DRY TIME

Allow at least 2-3 hours between coats and 1 hour of good ventilation before closing job site. Keep air moving over floor for several hours. The floor may be opened to light traffic and furniture replaced after 24 hours dry time; however, it is susceptible to scuffing or marring. Finish will reach full cure in approximately 7 days. Do not place carpet, rugs, or cover the finish for at least two weeks after coating.

## DAILY MAINTENANCE

Do not use any liquid cleaners other than water for the first 2 weeks. Use Basic Squeaky Cleaner as directed for routine cleaning and maintenance once the 2-week window has passed. See Basic Coatings maintenance brochures for additional instructions.

## PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRY USE.

**CAUTION!** MAY CAUSE EYE AND SKIN IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Do not breathe dust, vapor or spray mist. Wearing an appropriate NIOSH approved respirator is recommended unless air monitoring demonstrates vapor levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Wash thoroughly after handling. Keep closures tight and upright to prevent leakage. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

**FIRST AID:** For Eyes: Flush immediately with plenty of water for at least 15 minutes and get medical attention. For Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Wash clothing before re-use. Thoroughly clean contaminated shoes. If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. Call a poison control center or doctor for further treatment advice. If Swallowed: Call a physician or poison control center immediately. Do not induce vomiting, unless instructed to do so by medical personnel.

## OBLIGATION OF MANUFACTURER

The following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, the user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be altered except by an agreement signed by officers of seller and manufacturer.