



TECHNICAL DATA

HYDROLINE® PLUS

With XL Catalyst
B0682, B0681
B0683, B0684

Typical Properties and Application Procedures

PRODUCT DESCRIPTION

Originally for sports floors, Hydroline® Plus establishes a new benchmark for innovative floor coating technology. This new and improved formula is easy to apply, fast drying, durable and low VOC. Hydroline Plus is great for residential, commercial and sports floor applications.

RECOMMENDED USES

Sports Floors – MFMA approved for gyms, exercise and aerobic floors, racquetball and handball courts.

Light Duty Commercial – Meeting rooms, offices

Residential – Family rooms, living rooms, bedrooms
And hallways

TYPICAL PROPERTIES

Color in Container.....	Milky white (dries clear)
Solids Content.....	28% +/- 2%
Chemical Resistance	Excellent
VOC	When catalyzed (2% by volume), maximum VOC does not exceed 275 grams/liter, excluding water
Flash Point	Greater than 200° F
Luster	Gloss: >80 units; Semi-Gloss: 45-55 units; Satin: 25-30 units; Super Matte: 10-15 units
Freeze/Thaw Stability ...	Stable for at least 3 cycles (if frozen, thaw completely before using)
Pot Life.....	Once catalyzed: 24 hours
Shelf Life.....	1 Year
Dry Time	Minimum 2-3 hours between coats and 1 hour of good ventilation before closing job site. Use of fans and moisture meter is recommended.
Clean Up	Water
Storage	Do not store above 120° F (49C)
Packaging	1 US gallon plastic jug (4 per case);

COVERAGE

Approximately 600-800 square feet per gallon, depending on conditions.

RECOMMENDED APPLICATORS

Basic T-bar applicator and trim pad. Apply finish per the recommended square foot coverage rate.

RECOMMENDED SYSTEMS

Full Sand - 2 coats Hydroline Sealer, Commercial Catalyzed Sealer, Emulsion or EZ Dry + 1-2 coats Hydroline Plus

Recoat – 2 coats Hydroline Plus or use TyKote®
Dustless Recoating System with 1-2 coats Hydroline Plus

OVER STAINS

Allow oil stains to dry per manufacturer’s directions or longer depending on environmental conditions. Apply 2 coats of Hydroline Sealer, Commercial Catalyzed Sealer, Emulsion or 1 coat of EZ Dry followed by 1-2 coats Hydroline Plus. **A test board is recommended with any stain to insure compatibility and color acceptance.**

ADDING WATER

Up to 12oz of water can be added per gallon of finish. Adding water will increase the flow and level time during situations of high temperature and low humidity.

SURFACE PREPARATION

1. Before sanding, clean the floor using Basic Squeaky Cleaner following label instructions. Cleaning should be done to remove contaminants from the floor before sanding.
2. Sand floors using accepted NOFMA/MFMA procedures. All old finish must be removed. **A NIOSH approved dust mask should be worn during sanding.**
3. Finish sanding with new 120-grit screens. **DO NOT USE STEEL WOOL.**
4. Vacuum. Tack with a clean, dry Basic Microfiber Mop until all dust has been removed.

5. Apply 2 coats Hydroline Sealer, Commercial Catalyzed Sealer, Emulsion, or 1 coat of EZ Dry according to label instructions. Abrade sealer as directed.

MIXING CATALYST

1. Use a stir stick to re-disperse any settlement. Rock container several times.
2. For single gallon, pour finish into a clean, dry plastic pour can. While stirring finish, slowly add one 3-ounce bottle of XL Catalyst per gallon of Hydroline Plus. For 5-gallon pail, slowly add one 13-ounce bottle of XL Catalyst to pail while stirring. Continue mixing for 30 seconds before transferring to pour can.
3. Never use catalyzed material that is over 24 hours old for the final coat. **Wear proper protection as XL Catalyst can irritate skin and eyes upon contact.**

FINISH APPLICATION

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

1. Measure moisture content of floor in several areas. We recommend using a Wagner Dual Depth L607 Moisture Meter or equivalent.
2. Rinse refill applicator and remove all excess water. This helps to remove loose fibers.
3. Edge out about 6 inches from the baseboard or wall with a paint pad or polyester brush. Stay within 2-3 feet of the puddle-line to avoid lap marks, streaking or thicker film build. Be sure to feather the edge.
4. 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 applicator at a slight angle and drag it in a "squeegee" or "plowing" type motion to move the puddle from one side of room to other. Overlap two inches of last pass and pull parallel passes until entire floor is coated. Brush out all turns, stops, and other applicator marks brushing in direction of puddle-line. Feather out turns with a painters pad after the t-bar has made the turn. Add finish to puddle-line when needed to maintain a wet edge across room.
5. When 2-3 feet from exiting wall, begin to taper puddle-line down to a "nick size" bead. Back out of room by wetting small sections of remaining floor, brushing away from you in same direction as wood grain.
6. Allow each coat a minimum of 30-45 minutes to level.

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 their 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.

7. After finish levels, place fans in an adjacent area to pull moisture away from job site. When each coat has dried a minimum of 2-3 hours, re-measure moisture content.
8. 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.
9. If the 24-hour window has elapsed, the TyKote[®] Dustless Recoating System is an alternative to screening the floor. Refer to TyKote application procedures for details.
10. Apply second coat in same manner.

RECOATING PROCEDURES

NOTE For fast, easy recoating, try Basic's TyKote Dustless Recoating System. The TyKote system is compatible with most urethane finished floors and doesn't require screening. Refer to TyKote directions for complete details.

1. DO NOT USE Hydroline Plus over waxed surfaces. See technical bulletin, "Testing for Waxes and Polishes".
2. Tack floor with Basic Squeaky Cleaner and the Basic Microfiber Mop following label instructions.
3. Abrade with new 100 or 120-grit screens. Make sure all shine is screened from floor. DO NOT USE STEEL WOOL.
4. Vacuum. Tack floor with a Basic Microfiber Mop lightly dampened with water or Squeaky Cleaner solution until all dust has been removed.
5. Apply 2 coats of Hydroline Plus using procedures described 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. Floor may be opened to light traffic 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 completion of coating.

DAILY MAINTENANCE

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