

Typical Properties and Application Procedures

Product Description

Lock 'N Seal is a VOC compliant, pre-catalyzed waterbased sealer with unparalleled tannin blocking characteristics.

TYPICAL PROPERTIES

Color in Container.....	Milky white (dries clear)
Solids Content.....	28% +/- 2%
VOC.....	Does not exceed 275 grams/liter
Flash Point.....	Greater than 200° F
Freeze/Thaw Stability.....	Do not freeze
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 (49°C) Do not store below 35°F (2°C)
Packaging	1 US gallon plastic jug, 5 US gallon plastic pails

RECOMMENDED APPLICATORS

T-bar Applicator, Paint Pad or Roller

COVERAGE

Approximately 600 sq. ft./gal, depending on conditions.

RECOMMENDED SYSTEMS

Full Sand: 2 coats Lock 'N Seal followed by 1-2 coats Emulsion[™], Hydroline[®] Plus, StreetShoe[®] or StreetShoe 275.

NOTE: On white oak or exotic species, 2 coats Lock 'N Seal will minimize tannin pull.

OVER STAIN

Allow oil stains to dry per manufacturer's directions or longer depending on environmental conditions. Apply 2 coats Lock 'N Seal followed by 1-2 coats StreetShoe, StreetShoe 275, Hydroline Plus or Emulsion. **A test board is recommended with any stain to insure compatibility and color acceptance.**

SURFACE PREPARATION

Before sanding, clean the floor using Basic's Squeaky[™] cleaner following the directions for this product. Cleaning should be done to remove contaminants from the floor before sanding.

Sand floor using accepted NWFA/MFMA procedures. All old finish must be removed. A NIOSH approved dust mask should be worn during sanding.

Finish sanding with a new 120-150 grit screen. **DO NOT USE STEEL WOOL.**

Vacuum. Tack with a clean, dry Basic Microfiber Mop until all dust has been removed.

ADDING WATER

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

SEALER APPLICATION

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

1. Measure moisture content of floor in several areas.
2. Shake and rock container several times. Use a stir stick to re-disperse any settlement.
3. Set aside for approximately 10 minutes to allow bubbles to break.
4. Rinse refill applicator and remove all excess water. This also helps to remove loose fibers.
5. Apply Lock 'N Seal using standard waterbased application procedures.
6. Allow each coat a minimum of 30-45 minutes to level.
7. After sealer 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 (under good conditions), re-measure moisture content. If moisture content is not equal to the first reading, allow more dry time. Repeat for each coat.
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. Between coats, vacuum and tack with a Basic Microfiber Mop dampened with Squeaky™.
9. If the 24-hour window has elapsed, the TyKote® Dust-Free Refinishing System is an alternative screening the floor. Refer to TyKote application procedures for details.
10. Apply second coat in the same manner if desired.

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.

PAINTING GAME LINES

Apply any painted game lines after screening and cleaning the second coat of sealer. Refer to gymnasium technical literature for acceptable paints and painting procedures.

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 hour