

BID SPECIFICATIONS

Sports Floor Recoating with the TyKote[®] System and Streetshoe[®]

Product Application:

Recommended Basic Coatings[®] water-based application system for annual recoat:

For Existing Floors that are coated with MFMA approved Water based Urethanes** and Oil-Modified Urethanes.

****This system is NOT compatible when applying finish over water based epoxy finishes.**

Prepare the floor by removing, gum tape, loose dust & debris.

Required Products:

- Basic Coatings IFT
- Basic Coatings Squeaky
- Basic Coatings TyKote[®]
- Basic Coatings Streetshoe[®]

PROPERTIES & PROCEDURES FOR GYM FLOOR PREPARATION

- **Intensive Floor Treatment[®] (IFT) Cleaner**
 - Use with an auto scrubber, mop a bucket (working in smaller areas) or low speed floor machine, mix 1:4 with cool water. Scrub with a white or blue pad to remove dirt and scuffs. Pads should be rotated every 800 sq. ft. Do not use excessive solution or allow standing water for extended time.

Order Number	B1111
Description	Intensive Floor Treatment
Density	8.30-8.40 lbs/gallon
VOC	At minimum dilution does not exceed 2% by weight
Color (Liquid)	Lavender (Light Purple)
Dilution	4:1
Freezing Point	<32 F
Foam	Low
PH	12-14
Shelf Life	1 year
Flash Point	Greater than 200 °F

➤ **Squeaky Cleaner Concentrate**

- Rinse floor with clean cool water. Use with an auto scrubber or solution soaked towels, mix 1:4 with cool water. Scrub with a white or blue pad to remove dirt and scuffs. Pads should be rotated every 800 sq. ft. Do not use excessive solution or allow standing water for extended time.

Order Number	B0695
Description	Squeaky Cleaner Concentrate
Color (Liquid)	Aqua Blue
Dilution	4:1
Freezing Point	<32 F
Foam	Low
Freeze Thaw	Stable
VOC	At minimum dilution 1 part Squeaky to 4 parts water. Maximum VOC does not exceed 3.9% by weight.
Flash Point	101°F

➤ **TyKote®**

- Bonds the existing oil modified or water-based coating to the new water-based top coat finish.
- Apply this ready-to-use bonding agent with a cotton/rayon blended or micro fiber finish mop. Apply bonding agent to every square inch of floor.
- Application rate should be 2500-3500 square feet per gallon.

Order Number	B0691
Description	TyKote® - Bonding Agent
Color (Dried Film)	Crystal Clear
Color (Liquid)	Translucent
Coverage	2500-3500 sq.ft./gallon
Drying Time	1 hour
Recoat time	Recoat within 6hrs
Freeze/thaw Stability	3 cycles
VOC	Does not exceed 13 grams/liter (0.11lbs/gal)
Powdering Resistance	Excellent
Shelf Life	1 year
Viscosity	4.0-6.5 centipoise

PROPERTIES & PROCEDURES FOR FINISH APPLICATION

- **Streetshoe®** - Specifications as follows: Gymnasium water-based floor finish, two-part system in five-gallon containers as per the following specifications. Product shall be cross-linked with Polyfunctional Aziridine, water-based urethane/acrylic system certified to contain a minimum of 75% and a maximum of 85% urethane on the resin solids. Solids content shall be 31% NVM or higher. The product must be MFMA approved. The maximum VOC requirement is to be added when federal, state or local restrictions apply. Batch numbers must appear on the outside of each container. Label shall state usage per square foot per gallon.

Ease of application shall be tested by using the manufacturer's recommended applicator. The material shall be workable so the working edge shall not dry or become tacky and that the next width can be applied without difficulty. When an entire floor has been completed using normal methods, there shall be no visible lap marks or other defects

Dry time between coats is to be one to six hours depending upon conditions. Completed floor must be able to be put into use within 24 hours.

- **Streetshoe procedures:** Apply water-based wood sealer following instructions on sealer label: 2 coats minimum. FOR SCREENING AND RECOATING: Always clean the floor prior to screening. Mix wood floor maintenance cleaner at 32 oz. /gal. or 250 mL/L (1:4) with water and tack using a clean towel. Screen using new 100 or 120 grit screens, vacuum and tack using a water moistened cotton towel. APPLICATION: Shake or mix container before opening. While stirring product, add catalyst slowly and continue mixing for 30 seconds. Mix thoroughly and let stand for 5 minutes. Once catalyzed, pot life is 24 hours. Apply at 600 - 750 sq.ft./gal. Allow to dry thoroughly (minimum 2 - 3 hours between coats depending on conditions with a maximum of 24 hours). Abrade between coats if 24 hours has elapsed with a maroon top scrub pad or 120 grit screen. Apply 2 coats minimum. Allow normal traffic after 24 hours. *NOTE: Allow adequate ventilation. Circulate air above the floor or place fans to pull moisture away from the floor. Allow adequate airflow for at least 24 hours after final coat is applied. Use air conditioners and exhaust fans where available.*

Order Number	B0680	Nonvolatile Solids	31% +/- 1%
Description	Streetshoe® - water-based wood finish	VOC	<350 g/l
Cross-linked	Yes - Aziridine	Shelf Life	1 year
Slip Resistance (ASTM D2047-04)	Meets or exceeds James Machine 0.5 minimum	Viscosity	40-60 centipoise
MFMA Approved	Yes	Freeze/thaw Stability	3 cycles
Color (Dried Film)	Crystal Clear	Pot life	24 hrs.
Color (Liquid)	Milky White	Heel Mark Resistance	Excellent
Coverage	600-750 sq.ft./gallon	Leveling	Excellent
Drying Time	2-3 hours per coat	Recoat time	Recoat within 24hrs