

COURT COAT 275
CC-644
WATERBORNE URETHANE
WOOD FLOOR GYM FINISH

DESCRIPTION:

SURTEC Court Coat 275 utilizes the newest waterborne polymer technology to deliver a wood floor finish that is tough and durable, yet delivers the gloss, wear and ease of use of conventional solvent based oil-modified urethanes. Court Coat 275 uses a catalyzed blend of urethane and acrylic latices for the ultimate in abrasion resistance, shine and slip resistance. Court Coat is not recommended for use over waxes. Court Coat 275 is compatible with most oil-modified urethanes, waterborne urethanes, epoxies and similar wood floor coatings. Always test over existing finishes in an inconspicuous area prior to use, or consult SURTEC.

COURT COAT 275 exceeds the Coefficient of Friction Safety Standard ASTM Designation D-2047. COURT COAT 275 is compliant with all Federal, CA and OTC VOC Regulations. VOC content = 230 g/l.

SPECIFICATIONS:

COLOR:.....White, milky emulsion, dries clear
 ODOR:.....Mild, characteristic
 SOLIDS:31%
 APPLICATION METHODS:SURTEC Automatic Gym Finish Applicator,
or T-Bar applicator
 LEVELING:.....Very good (A.S.T.M. Test D-2801)
 GLOSS (60° specular)90 (A.S.T.M. Test D-523)
 SAFETY (Slip Resistance).....Exceeds 0.5 (A.S.T.M. Test D-2047)
 V.O.C. CONTENT:.....230 grams per liter
 COVERAGE:.....400 to 800 square feet per gallon
 DRY TIMES (can vary depending on temperature, humidity, porosity of surface, etc.) :
 SET TO TOUCH:.....30 to 45 minutes
 RECOAT:.....4 hours
 LIGHT TRAFFIC:.....2 days
 HEAVY TRAFFIC:.....One week
 POT LIFE:24 hours
 CLEAN UP:Warm water
 VISCOSITY (Brookfield RVF-100):.....100 to 175 cps. (Spindle # 3)
 FLASH POINT (MIXED PRODUCT):Greater than 200° F.
 SPECIFIC GRAVITY:.....1.07
 pH:.....8.1 ± 0.3
 HMIS RATING Health =1 Flammability = 0 Physical Hazard = 0
 SHELF LIFE:Minimum: 1 year from date of sale
 PACKAGE:One gallon kit
Five gallon kit

(DIRECTIONS follow on page 2)

rev. 5/3/11

SURTEC warrants this product to be of consistent quality. SURTEC'S warranty is limited to the replacement of product proven defective. The user assumes all other risks and liabilities resulting from the use of this product. If you have any questions, please call SURTEC at (209) 820-3700.

SURTEC, Inc. *Surface Technology*

1880 N MACARTHUR DR. TRACY, CA 95376 Phone (209) 820-3700 Fax (209) 820-3793

SURTEC COURT COAT 275 USE DIRECTIONS

GYM FLOOR "SCRUB AND RECOAT" SURFACE PREPARATION PROCEDURE

Dust mop the floor, then, with a clean mop, apply Surtec LF-150 heavy duty cleaner (3 oz. per gallon dilution with water) to a 10'X10' (100 sq. ft.) section of the floor. Scrub the floor with a 175 RPM floor machine equipped with a 120 grit screen disc. First scrub in one direction ("north & south") and then in the opposite direction ("east & west") For best results place a Blue scrub pad between the pad driver and the 120 grit screen. This will create the loft needed to move in and out of low spots on the floor. Note: The life of a screen disc is 300 sq. ft. per side.

Vacuum up the cleaning solution with a wet /dry vacuum, then rinse the floor with clean cool water followed by damp mopping. Repeat the procedure 100 sq. ft. at a time until the entire floor is prepared.

For a final smoothing of swirl marks, buff the floor with the grain of the wood with a 175 rpm floor machine equipped with a maroon Aluminum Oxide Surface Preparation Pad. Again, place a blue scrub pad between the pad driver and the surface preparation pad to create loft and prevent damage to high spots. (Approx 1,000 sq ft per side of pad.)

Tack rag the floor with a push broom wrapped in clean water dampened terry cloth towels. Wring out the towels thoroughly to prevent overwetting the floor. Rinse soiled towels as necessary. After the floor is dry you may apply the Surtec Court Coat 275 gym finish.

Note: If the floor shows excessive wear in the basketball keys or door ways, a thin patch coat can be applied to those areas prior to coating the entire floor. Allow the patch to dry before starting the full coat.

COURT COAT 275 APPLICATION

Coverage - Approximately 400 to 800 square feet per gallon, depending on application method, porosity of surface, etc.

Mixing - Court Coat 275 is a two component Waterborne Urethane Gym Finish that uses a crosslinker to achieve maximum hardness and durability. In a clean plastic pail, pour in a premeasured amount of Court Coat. Add 2.3 fluid ounces of Crosslink 2 (Court Coat Catalyst) per gallon of Court Coat (11.5 ounces per 5 gallons). Add 1.7 fluid ounces of clean water per 2.3 fluid ounces of Crosslink 2 (8.5 ounces water per 11.5 ounces Crosslink 2) and mix well - slight warming and expansion will occur, do not mix or shake in a tightly sealed container. Add diluted Crosslink 2 to Court Coat, mix thoroughly with a clean paint stirrer or mixer set to low speed for 1 to 3 minutes. Let mixed material stand for 10 minutes to allow bubbles to break.

Mix only as much as will be used within the 24 hour potlife. Do not exceed the specified amount of Crosslink 2 nor use catalyzed material after useful pot life.

Application - Court Coat 275 may be applied with a Surtec Automatic Applicator or conventional T-Bar applicator. Court Coat 275 should only be applied when the temperature is between 50° F. and 95° F., and relative humidity between 10% and 90%.

Surtec Automatic Gym Finish Applicator:

Pour two gallons of Court Coat 275 into the applicator tank and pressurize by pumping it up to 45 lbs. of pressure. (The relief valve will release when it reaches 45#) Attach the hose on the backpack equipped applicator tank to the T-Bar handle with the quick disconnect fitting.

(Continued on next page)

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Starting at one corner of the gym dispense a puddle of gym finish onto the floor to saturate the T-Bar refill . Begin walking with the grain of the wood along the wall dispensing gym finish as you walk. Hold the T-Bar at a slight angle . This will allow the gym finish to flow away from the wall and create a bead of finish to pick up on the next pass.

Continue walking the length of the floor, back and forth, dispensing gym finish as needed to maintain a wet edge and create the bead needed for the next pass.

At the end of each pass turn the applicator so that the head is parallel to the line of finish material. Gently squeeze out the excess finish and the lift the T-Bar off the floor and start back at the wall to wipe out your turn. Always lift and place the T-Bar gently so as not to leave ridges and marks.

Continue this process until the entire floor is coated and carefully exit the application area without leaving puddles of excess finish, application marks or debris on the floor.

Conventional “Pour Can” Method with T-Bar

Have an assistant pour a bead of material 4” wide the length of the Gym approximately 8” away from the wall. Start your first run down the wall holding the T-Bar at a slight angle to move the excess material away from the wall and create a bead for your next run. Always have your assistant follow behind you, applying material as needed, to maintain a 4” to 6” bead at all times.

Continue this process until the entire floor is coated and carefully exit the application area without leaving puddles of excess finish, application marks or debris on the floor.

MAINTENANCE

Dust mop using a treated mop. Use SURTEC HC-150 or SURCO for cleaning up spills and soils or consult SURTEC.