



AQUADEFENDER™ WOOD FLOOR FINISH

AQUADEFENDER™ WOOD FLOOR FINISH is a premium 2-component waterborne sport floor finish, specifically designed for high gloss and durability. AQUADEFENDER™ WOOD FLOOR FINISH may be used as a single component or cross-linked with CROSSLINX'R™ to enhance adhesion, durability, and chemical resistance. AQUADEFENDER™ WOOD FLOOR FINISH meets or exceeds all state and federal clean air quality standards. This product contains less than 250 grams per liter/2.1 lbs. per gallon VOC (volatile organic compound).

CHARACTERISTICS:

Phenomenal durability and scratch resistance, Ultra high gloss, Easy maintenance, Excellent chemical resistance, V.O.C. compliant (<250 gm/L), 8-hour pot life when used with CROSSLINX'R, May be crosslinked again within 48 hours.

Recommended for basketball, racquetball, volleyball, multi-purpose, stages, aerobics, and dance floors.

Maintenance: [Can be high speed burnished for added gloss throughout the year](#)

Coverage: 500 square feet per gallon

Open Time: Excellent; ideal for large gym floors

Dry Time: 2-3 hours; crosslinked product has an 8-hour potlife

Cure Time: 80% after 24 hours; 100% after 1 week

Leveling: Excellent, with great open time and flow

Application Tools: T-bar applicator

Packaging: 5 gallon pails

DIRECTIONS FOR USE:

USE DIRECTLY FROM CONTAINER - DO NOT DILUTE

CLOSE OR SEAL OFF ALL WINDOWS AND DOORS. TURN OFF AIR HANDLERS DURING THE APPLICATION PROCESS AND LEAVE EXHAUST RUNNING (NO AIR SHOULD BE BLOWING ON THE FLOOR SURFACE DURING APPLICATION). AIR HANDLERS SHOULD BE TURNED BACK ON 2 HOURS AFTER APPLICATION.

AQUADEFENDER™ WOOD FLOOR FINISH WILL ADHERE TO MOST SURFACES IF DRY AND PREPARED PROPERLY. BE SURE TO ALWAYS PREPARE A TEST AREA TO ENSURE COMPATIBILITY.

SCRUBBING PADS: WHEN THE FLOOR IS SCRUBBED BE SURE TO USE DEFENDER™ BLUE PADS OR STANDARD RED PADS AT A RATE OF 2000 SQUARE FEET PER PAD - 1000 SQUARE FEET EACH SIDE.

ABRADING USING DEFENDER™ BLUE PADS : WHEN ABRADING IS REQUIRED BE SURE TO ROTATE DEFENDER™ BLUE PADS AT A RATE OF 500 SQUARE FEET - 250 SQUARE FEET EACH SIDE.

DIRECTIONS FOR RECOATING FLOORS:

STEP 1 - SCRUB FLOOR USING COURTS CRUBB™ DEEP CLEAN & RECOAT PREP SOLUTION. Begin by removing all dirt, grit, and dust from the entire court surface by tack and vacuum. Apply COURTS CRUBB™ DEEP CLEAN AND RECOAT PREPARE SOLUTION in 2' x 50' sections with a mop (do not flood the floor) and scrub using a heavy duty floor machine (175 rpm) equipped with DEFENDER™ BLUE PADS or red pad. This step can also be completed using an autoscubber if desired. Remove the residue by tack and/or squeegee vacuum immediately after each section is scrubbed. Continue across entire surface of court floor and overlap each section to ensure the entire surface has been deep cleaned properly.

STEP 2 - DRY ABRABE THE ENTIRE FLOOR WITH DEFENDER™ BLUE PADS. Using a heavy duty floor machine (175 rpm) abrade the entire court floor dry using DEFENDER™ BLUE PADS. Each pad will effectively abrade 500 square feet, 250 square feet per side. Be sure to space the DEFENDER™ BLUE PADS out systematically and flip them as required for proper abrasion to ensure adhesion of new coatings.

STEP 3 - TACK AND VACUUM FLOOR. Vacuum and tack the floor using towels dampened with water. After all debris and dust is removed from the floor prepare final tack using a towel or microfiber pad dampened with COURTSCRUBB™ DEEP CLEAN AND RECOAT PREPARE SOLUTION. Allow the floor to dry thoroughly and then apply AQUADEFENDER™ WOOD FLOOR FINISH using a light weight t-bar and synthetic pad. For best results apply coatings within 2 hours of final tack using COURTSCRUBB™ DEEP CLEAN AND RECOAT PREPARE SOLUTION.

FINISHING: Be sure the floor surface is free from wax or oily residue. SHAKE OR STIR WELL BEFORE USING. Add an equal part of water to CROSSLINX'R™. Mix well and add CROSSLINX'R™ to AQUADEFENDER™ WOOD FLOOR FINISH. Stir both products together and then allow finish to equilibrate for 5-10 minutes. Pour a 4-6" wide line of finish along the starting wall with the grain of the wood. Use a clean pre-dampened synthetic applicator and pull the applicator forward with the grain of the wood holding the applicator at a "snowplow" angle moving the puddle towards the opposite wall. Replenish the puddle maintaining a wet edge. After each turn, pad out applicator and feather out all turns. To prevent lapping and dry marks use the recommended coverage rates (400-600 sq./ft./gallon). Allow finish to dry 3-4 hours before second coat is applied. No intercoat abrasion is needed if finish coats are applied within 48 hours. If finish dries longer than 48 hours re-abrade using DEFENDER™ BLUE PADS at a rate of 500 square feet per pad. High humidity and/or low temperatures will extend drying times. Allow the final coat to dry at least 48 hours before use.

DIRECTIONS FOR NEWLY SANDED WOOD FLOORS:

THE AQUADEFENDER™ SYSTEM IS A FOUR COAT SYSTEM. Apply 1 COAT OF AQUADEFENDER™ PENETRATING SEAL FOLLOWED BY 3 COATS OF AQUADEFENDER™ WOOD FLOOR FINISH. Sand and prepare floors according to MFMA accepted methods. Final sanding should be completed with 100 grit and then the entire floor should be screened using a heavy duty floor machine (175 rpm) equipped with 120-150 grit screens to minimize grain raise. Vacuum and tack floor until dust free and clean. DO NOT TACK BARE WOOD WITH WATER. Apply one coat of AQUADEFENDER™ PENETRATING SEAL. Seal should be applied using a light weight t-bar and synthetic pad (See product instructions). After seal coat has dried for 2-3 hours apply 3 coats of AQUADEFENDER™ WOOD FLOOR FINISH allowing each coat to dry 3-4 hours. High humidity and/or low temperatures will extend drying times. Allow the final coat to dry at least 48 hours before use. Abrasion between seal and all finish coats is not necessary for adhesion unless it has been more than 48 hours since the previous coat has been applied. USE A DIFFERENT APPLICATOR FOR SEAL AND FINISH COATS.

GAME LINES: If game lines are required paint them after the first coat of AQUADEFENDER™ WOOD FLOOR FINISH has been applied using GAMELINER™ COURT FLOOR PAINT. Before game lines are painted be sure to abrade the entire floor surface using DEFENDER™ BLUE PADS. Vacuum and tack entire floor with water until dust free. Allow paint to dry 24 hours. Dry times can be extended with high humidity and/or low temperatures. For best results abrade the entire surface and newly painted game lines with DEFENDER™ BLUE PADS. Vacuum and tack entire floor until dust free and apply final coats of AQUADEFENDER™ WOOD FLOOR FINISH. IF USING ANOTHER MANUFACTURER'S PAINT BE SURE TO TEST A SAMPLE AREA FOR COMPATIBILITY.

POT LIFE: AQUADEFENDER™ WOOD FLOOR FINISH CAN BE USED FOR UP TO 8 HOURS AFTER CROSSLINX'R™ HAS BEEN ADDED. AFTER 8 HOURS YOU CAN ADD NEW CROSSLINX'R™ TO AQUADEFENDER™ WOOD FLOOR FINISH FOR UP TO 3 DAYS.

DAILY CLEANING: After AQUADEFENDER™ WOOD FLOOR FINISH has cured for 7 days it's important to implement an effective cleaning routine. Dry mop the floor several times during the day to keep the dirt, dust, and grit off the court floor. At the end of each day the floor should be wet mopped using a solution of COURTCLEANZE™ COURT FLOOR CLEANER CONCENTRATE mixed 1 part per 10 parts of water. Wet mopping is very important because it removes the fluids, sweat, and penetrating soils that dry dusting leaves behind. COURTCLEANZE™ COURT FLOOR CLEANER CONCENTRATE can also be used in an autoscrubber equipped with white pads.

GLOSS RESTORATION: AQUADEFENDER™ WOOD FLOOR FINISH can be high-speed burnished to restore gloss periodically during the year. Be sure to clean the floor thoroughly before burnishing using an autoscrubber equipped with white pads and a solution of COURTCLEANZE™ COURT FLOOR CLEANER CONCENTRATE. If you do not have an autoscrubber vacuum and tack the floor using a solution of COURTCLEANZE™ COURT FLOOR CLEANER CONCENTRATE.

CURING: The curing process takes approximately 7 days. Do not replace rugs or mats until the floor is fully cured. The floor may be walked on after 24 hours, but the floor is susceptible to scuffing or marring prior to completion of curing time. Do not clean with water or detergent during the first week.

SHELF LIFE: Minimum of one year in an unopened container.

FOR COMMERCIAL AND INDUSTRIAL USE ONLY

CAUTION: Do not breathe vapors or spray mist. Use adequate ventilation. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Keep containers closed when not in use. Do not store above 100 degrees F.

FIRST AID: In case of eye contact, flush immediately with water and get medical attention; for skin wash thoroughly with soap and water. If affected by inhalation, remove to fresh air. If swallowed drink 1-2 glasses of water to dilute. Do not induce vomiting. Get medical attention.

CLEAN UP: All tools should be cleaned with water.

NOTE: There are no express or implied warranties, including warranties of merchantability or fitness for a particular purpose. Buyer's remedies are limited to replacement or refund of purchase price. Manufacturer assumes no liability for injuries, incidental or consequential damages. User shall determine suitability of product for intended use.