

1 Inspect



1. Inspect the floor for any gum or tape that must be removed.
2. Consult the product labels for more detailed instructions.
3. Note anything that needs addressed or discussed with the customer prior to proceeding.

2 Clean and Abrade*



Equipment & Supplies

- Terry cloth towels
- Push broom
- Mop bucket & wringer
- Hillyard Pre-Game®
- 175-rpm floor machine & driver
- 3M Surface Preparation Pads (SPP)

Procedures

1. Dilute Pre-Game (1:4) into mop bucket, soak terry cloth towel, wring out.
2. Pre-clean the floor by damp tacking until clean and allow the floor to dry.**
3. Using floor machine, abrade the entire floor thoroughly with the 3M SPPs, overlapping appropriately.
4. SPPs should be flipped after 250 ft² and changed after each side has been used once.
5. Vacuum and dispose of dust following directions on gym finish label.

* Wood floors must contain sufficient finish build for wet preparation method. New or sanded floors should be recoated 2-3 times before wet preparation. Glue-down installations should only be prepared dry.

** A Quick-Pass™ may also be used for tacking.

3 Tack

Damp



Dry



Equipment & Supplies

- Terry cloth towels
- Push broom
- Mop bucket & wringer
- Chix Brand Stretch 'N Dust tool and cloths
- Blue painter's tape

Procedures

1. Dilute Pre-Game (1:4) into mop bucket, soak terry cloth towel, wring out.
2. Damp tack the floor until clean and allow the floor to dry.*
3. Dry tack the floor with the Chix Stretch 'N Dust tool and cloths.
4. Tape off any volleyball standards or related objects within the court with blue painter's tape to prevent finishing over them.

* A Quick-Pass™ may also be used for tacking.

1 Inspect



1. Inspect the floor for any gum or tape that must be removed.
2. Consult the product labels for more detailed instructions.
3. Note anything that needs addressed or discussed with the customer prior to proceeding.

2

Clean, Scrub and Abrade



Wood floors must contain sufficient finish build for wet preparation method. New or sanded floors should be recoated 2-3 times before wet preparation. Glue-down installations should only be prepared dry.

Autoscrubber Option



Equipment & Supplies

- Automatic scrubber
- 3M Surface Preparation Pads (SPP)
- Hillyard Pre-Game®

Procedures

1. Dilute Pre-Game (1:4) into solution tank and place 3M SPPs on automatic scrubber. Apply solution, scrub, and vacuum in one operation.
2. Scrub the floor thoroughly, overlapping appropriately.
3. SPPs should be flipped after 250 ft² (or a maximum of 500 ft²) and changed after each side has been used once.
4. The floor should also be rinsed with clean water to remove any squeegee marks or residue left behind.

Floor Machine Option



Equipment & Supplies

- 175-rpm floor machine & driver
- Hillyard Pre-Game
- 3M Surface Preparation Pads (SPP)
- Mop buckets, clean mops & handles
- Wet vacuum

Procedures

1. Dilute Pre-Game (1:4) into mop bucket.
2. Apply the Pre-Game solution over a 10' x 10' area and scrub the floor thoroughly with the 3M SPPs, overlapping appropriately.
3. SPPs should be flipped after 250 ft² (or a maximum of 500 ft²) and changed after each side has been used once.
4. Vacuum the slurry with a wet vacuum.
5. Rinse the same area with clean water and pick up with a wet vacuum.
6. Repeat these steps until entire floor has been properly cleaned and abraded.

3

Tack

Damp



Equipment & Supplies

- Terry cloth towels
- Push broom
- Mop bucket & wringer
- Chix Brand Stretch 'N Dust tool and cloths
- Blue painter's tape

Procedures

1. Dilute Pre-Game (1:4) into mop bucket, soak terry cloth towel, wring out.
2. Damp tack the floor until clean and allow the floor to dry.*
3. Dry tack the floor with the Chix Stretch 'N Dust tool and cloths.
4. Tape off any volleyball standards or related objects within the court with blue painter's tape to prevent finishing over them.

* A Quick-Pass™ may also be used for tacking.

Dry



4 Apply Star, T-Bar Method



Equipment & Supplies

- Lightweight T-Bar
- Synthetic T-Bar pad
- Watering can
- Star



Procedures

1. Run a bead of Star the length of the gym using the watering can.
2. Saturate the T-Bar pad and pull the applicator at a 30° angle the length of the floor, always keeping the Star flowing towards the unfinished side of the floor.
3. When reaching the end of the run, turn the T-Bar 180° and pull in the opposite direction. Always feather with the grain of the wood.
4. Continue until the entire floor is coated. Star should be applied at a rate of 500-550 ft²/gallon.
5. Turn on the exhaust system 1-2 hours after application.
6. Allow the floor to dry 4-6 hours before proceeding.*

* Temperature and humidity will affect the drying and curing properties.

Apply Star, Hillyard Multi-Flo XP® Method



Equipment & Supplies

- Multi-Flo XP w/pads
- Lightweight T-Bar
- T-Bar pad
- Watering can
- Star



Procedures

1. Place Star container on Multi-Flo XP and set up Multi-Flo XP as described in manual.
2. We suggest using the long bar only and zero weights, however one weight may be needed to keep the long bar in contact with the floor.
3. Run a bead of Star the length of the gym using the Multi-Flo XP.
4. Saturate the Multi-Flo XP pads and pull the applicator at a 30° angle the length of the floor, always keeping the Star flowing towards the unfinished side of the floor.
5. When reaching the end of the run, turn the applicator 180° and pull the Multi-Flo XP in the opposite direction. A lightweight T-Bar may be used to feather the ends.
6. Continue until the entire floor is coated. Star should be applied at a rate of 500-550 ft²/gallon.
7. Turn on the exhaust system 1-2 hours after application.
8. Allow the floor to dry 4-6 hours before proceeding.*

* Temperature and humidity will affect the drying and curing properties.

5 Mix Contender Finish ■ Paddle mixer for drill required for 5-gallon kit.

5- Gallon Kit: Thoroughly mix Part B into Part A with a paddle mixer and drill as stated on the product packaging. Use within 1 hour of mixing for best results.

1- Gallon Kit: Thoroughly stir Part A before adding Part B. Mix Part B together just prior to use. Stir 5 minutes with stirrer provided. Use within 1 hour of mixing for best results.

Apply Contender Finish, T-Bar Method



Equipment & Supplies

- Lightweight T-Bar
- Synthetic T-Bar pad
- Watering can
- Contender Finish



No inter-coat abrasion is necessary if recoated in less than 24 hours. If Star dries greater than 24 hours, the floor must be abraded with Hillyard maroon pads at a rate of 250 ft²/side and tacked as stated in Step 3.

Procedures

1. Run a bead of Contender Finish the length of the gym using the watering can.
2. Saturate the T-Bar pad and pull the applicator at a 30° angle the length of the floor, always keeping the Contender Finish flowing towards the unfinished side of the floor.
3. When reaching the end of the run, turn the T-Bar 180° and pull in the opposite direction. Always feather with the grain of the wood.
4. Continue until the entire floor is coated. Contender Finish should be applied at a rate of 500-600 ft²/gallon.
5. Turn on the exhaust system immediately after application.

Apply Contender Finish, Hillyard Multi-Flo XP® Method



Equipment & Supplies

- Multi-Flo XP w/pads
- Lightweight T-Bar
- Synthetic T-Bar pad
- Watering can
- Contender Finish



No inter-coat abrasion is necessary if recoated in less than 24 hours. If Star dries greater than 24 hours, the floor must be abraded with Hillyard maroon pads at a rate of 250 ft²/side and tacked as stated in Step 3.

Procedures

1. Place Contender Finish container on Multi-Flo XP and set up Multi-Flo XP as described in manual.
2. We suggest using the long bar only and one weight.
3. Run a bead of Contender Finish the length of the gym using the Multi-Flo XP.
4. Saturate the Multi-Flo XP pads and pull the applicator at a 30° angle the length of the floor, always keeping the Contender Finish flowing towards the unfinished side of the floor.
5. When reaching the end of the run, turn the applicator 180° and pull the Multi-Flo XP in the opposite direction. A lightweight T-Bar may be used to feather the ends.
6. Continue until the entire floor is coated. Contender Finish should be applied at a rate of 500-600 ft²/gallon.
7. Turn on the exhaust system immediately after application.

* Temperature and humidity will affect the drying and curing properties.

6 Allow Contender Finish to Cure



- Turn on the exhaust system immediately after applying Contender Finish.
- Allow Contender Finish to cure at least 72 hours before opening up to light traffic and one week before opening up to athletic use.