



Hallmark Floors Total Floor Care

XYZ Wood Recoat System
For TrueMark Poly & Glazetek



Getting Started

Prior to recoating Hallmark Floors TrueMark Poly & Glaze Tek products the surface must be tested for the presence of both Acrylic Polish and/or Paste Wax. If paste wax is detected the floor cannot be recoated with XYZ for TrueMark & Glaze Tek UV Polyurethane wood finishes.

Testing and Removal Procedure for Acrylic Polish

Testing to Determine the Presence of an Acrylic Polish

1. Find multiple inconspicuous areas on the floor for testing.
2. Use the Acrylic Testing Kit and choose multiple areas on the floor for testing; these areas should be spread out, providing a "snapshot" of the entire floor. Locate the Acrylic Wax Testing Agent in the Hallmark Floors Resilient Testing Kit.
3. Apply a few drops of solution on test areas and wait 1 minute
4. Using a clean white rag wipe up solution.
5. From various angles look for visible gloss differences between the test spot and the rest of the floor.
6. If acrylic polish is detected it will need to be stripped prior to the application of Hallmark Floors XYZ Recoat System for TrueMark & Glaze Tek UV Polyurethane finishes.

Procedure for the Removal of Acrylic Polish

Using Armstrong® New Beginning®

1. Vacuum floor with canister vacuum with a soft brush attachment. If upright vacuum use beater bar and brush must be in the off position.
2. Use in well ventilated area.
3. Wear Rubber Gloves.
4. Avoid contact with eyes, knees and skin.
5. Wear eye protection.
6. Using a sponge mop apply liberally over a 3' x 3' area.
7. While still wet, scrub with a nylon brush in the direction of the wood grain.
8. Take up with sponge mop or cloth, rinse & wring out sponge. mop frequently to remove as much of the product as possible.
9. Rinse floor thoroughly with clean warm water. Rinse & wring out sponge mop frequently to ensure full removal of stripper. Change water multiple times to ensure rinse water is clean and all stripper removed.
10. Repeat testing process to ensure complete removal of acrylic polish. If polish is still present repeat stripping process.
11. Wait until floor is completely dry prior to proceeding with Hallmark Floors XYZ Recoat System for TrueMark & Glaze Tek UV Polyurethane finishes.
12. (See Armstrong® New Beginnings® packaging for full product information and warnings.)

Testing to Determine the Presence of Paste Wax

1. Find multiple inconspicuous areas on the floor for testing.
2. Clean test area with TrueClean Hardwood & LVT Cleaner.
3. Apply a few drops of mineral spirits on the cleaned area. Allow to stand for 3 minutes.
4. Using a clean white towel, wipe up the mineral spirits. If towel shows a brown or yellow waxy residue, the floor has been waxed with Paste Wax.

NOTE: Hallmark XYZ Recoat System for TrueMark & Glaze Tek UV Polyurethane finishes is incompatible with Paste Wax, and so cannot be used on Paste-Waxed floors.

Testing to determine presence of incompatible finish.

In the event the floor has been refinished with another polyurethane based system, or is from a manufacturer other than Hallmark Floors a test must be conducted in a small inconspicuous area. A 2' x 2' area should be coated to check for proper adhesion. This can be done by stripping a small section of the floor and then doing the ABC process on the test area.

ABC System Components:



Product Overview

(After testing for the presence of Acrylic or Paste Wax)

- **Step One:** Hallmark Prime -X deep cleans and etches the surface of the Hallmark Floors Wood TrueMark Poly & Glaze Tek polyurethane finishes. Or prepares an existing coat of Hallmark Protect Z finish for an additional coat of protection.
- **Step Two:** Hallmark Prepare Y neutralizes and removes any residue left behind by Hallmark Prime X.
- **Step Three:** Hallmark Protect Z combined with Z2 Hardener and apply to surface of the floor. Apply to floor with 8mm micro fiber roller, or via light-weight T-bar and 12" -> 18" applicator.

Prime X – Step One

PLEASE READ ALL INSTRUCTIONS AND SAFETY DATA SHEETS BEFORE USING.

Coverage 1600-1800 sq.ft per Gallon.

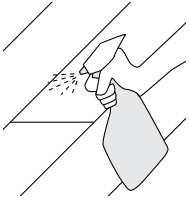
PREPARATION:

Remove all loose particles and dust with a non-treated dust mop or vacuum. Remove any glue left over from installation as per adhesive manufacturer's recommendation.



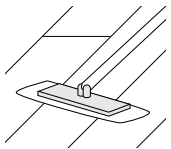
APPLICATION - Wet Abrade:

1. Spray Hallmark Prime A: Spray directly onto a workable section of floor. Immediately begin wet-scrubbing via 175-rpm buffer and 2 stacked 320-grit maroon conditioning pads. Do no more than 50 sq. ft. at a time.



2. Abrade sides and ends by hand: Remove the center hole of the buffing pad and abrade, by hand, all sides and ends of floor that buffer cannot reach.

3. Wipe Up Prime X: Immediately after scrubbing this area, remove wet debris with a non-treated microfiber mop dampened with Prime X. Once the mop gets soiled, wring, rinse and repeat. Once the wet residue has been removed, continue to the next section, until the floor is completely scrubbed and mopped.



- Switch pad sides every 500 sq. ft., and replace after 1000 sq. ft. Repeat the process over the rest of the floor, until it is free of scuff marks, dirt and other contaminants. Make sure to overlap treated areas so the entire floor is consistently and completely wet scrubbed and mopped.

APPLICATION - Dry Abrade:

4. When the floor is dry: Abrade with a clean, new maroon 320-grit conditioning pad on the buffer. Use 2 stacked pads to better contour to the floor.

- Switch pad sides every 300 sq. ft., for a total of 600 sq. ft. per pad.
- Switch the top with the bottom pad after 600 ft². Flip it after 300 sq. ft. and do another 300 sq. ft.
- Introduce additional new pads as needed

Note that any areas untouched by the buffer, for both the wet and dry abrasion steps, must be done by hand: corners, beveled edges, etc.

5. Thoroughly vacuum the floor: Proceed to Prepare Y.

Note: The floor must be coated with Protect Z within 2 hours of finishing the Prime X, Prepare Y steps. If the entire floor cannot be recoated within 2 hours due to size, etc., work in sections, as per the instructions provided above.



TECHNICAL DATA:

DO NOT DILUTE.

Storage: Store between 5-25°C (40-80°F). Protect from freezing.

Shelf Life: 3 years from date of manufacture in unopened original packaging under recommended storage conditions.

Disposal: Do not pour surplus down the drain; dispose of in accordance with local regulations.

KEEP FROM FREEZING!

DO NOT TAKE INTERNALLY!

KEEP OUT OF REACH OF CHILDREN!

CAUTION!

PRECAUTIONS: Do not breathe vapors or spray mist. Use with adequate ventilation. Wear an appropriate, properly-fitted respirator (NIOSH/MSHA-approved) in areas where TLV is exceeded. Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container closed when not in use.

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.

Hallmark Prepare Y – Step Two

PLEASE READ ALL INSTRUCTIONS AND SAFETY DATA SHEETS BEFORE USING.

Coverage 1600-1800 sq.ft per Gallon.

Hallmark Prepare Y is a neutral, ready-to-use (do not dilute) cleaning agent for use on Hallmark Floors LVT and PVP, after the application of Hallmark Floors Prime X. To be immediately followed by the application of Hallmark Floors Z Protect.

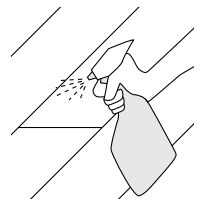
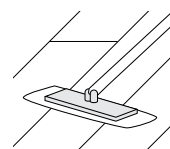
Hallmark Prepare Y will neutralize any remaining Hallmark Prime X, and remove any dust soil from the prep process without leaving behind streaks or haze.

PREPARATION:

1. Transfer to Spray Bottle: Transfer Hallmark Prepare Y to a generic spray bottle; label the bottle "Prepare Y."

2. Prime X - Complete and Successful: Ensure that the Hallmark Prime X process has been successfully completed, and that there will be enough time to apply Hallmark Protect Z within the 2 hour time window (starting AFTER Prime X ends).

3. Spray Mist on Floor: Spray Hallmark Prepare X on floor and clean via clean, non-treated microfiber mop. Rinse, wring micro fiber mop head and repeat until the entire floor is finished (aim for 4' x 4' areas between rinsing/wringing). Do not wait until the mop is completely soiled before



rinsing, or risk just spreading soil around the floor. Make sure to overlap areas so the entire floor is completely and consistently clean. Be sure to hit edges, and other hard-to-reach areas by hand.



4. Disposable Surgical Booties: Place booties over shoes to keep from contaminating surface with dirt. Readily available at retail stores.

5. Second Light Cleaning: After surgical booties are on shoes, lightly treat the floor a second time with Hallmark Prepare Y to remove any footprints from the floor.

TECHNICAL DATA:
DO NOT DILUTE.

Content: Water, ethoxylated hydrocarbons.

pH: ~7

Shelf Life: 5 years from date of manufacture in unopened original packaging under recommended storage conditions.

Storage: Store between 5-25°C (40-80°F).

Disposal: Do not pour surplus down drain; dispose of in accordance with local regulations.

KEEP FROM FREEZING!
DO NOT TAKE INTERNALLY!
KEEP OUT OF REACH OF CHILDREN!

CAUTION! / PRECAUTIONS: Do not ingest. Avoid contact with eyes, skin and clothing. Keep container closed when not in use.

FIRST AID: In case of eye contact, flush immediately with water. May upset stomach if ingested – dilute with 1-2 glasses of water, do not induce vomiting.

Hallmark Protect Z – Step Three

PLEASE READ ALL INSTRUCTIONS AND SAFETY DATA SHEETS BEFORE USING.
Coverage 270-540sq.ft. per gallon.

Hallmark Protect Z is a commercial-grade, ceramic-fortified waterborne finish with excellent adhesion, clarity and durability, designed to both restore and add life to Hallmark Hallmark Floors TrueMark Poly & GlazeTek flooring products.

Hallmark Protect Z is Comprised of two parts, Z1 and Z2, which are mixed together prior to application.

PREPARATION: Ensure that the both the Hallmark Prime X and Prepare Y processes have been successfully completed, and that there will be enough time to apply Hallmark Protect Z within the 2 hour time window (starting AFTER Prime X ends).



APPLICATION:

1. Touch Up Floor, if necessary: The Hallmark Wood Touch Up Kit contains felt tip markers and fill sticks to repair any minor damage. The buffing process can take the factory finish down to the stain on high points. Use the marker running with the grain and blend the color into the uncolored spot. Dry in 10 to 15 minutes



2. Prepare Z1: Shake Hallmark Protect Z1 jug vigorously for 60 seconds

3. Mix Z1 & Z2: Add hardener (Protect Z2; entire bottle), and then shake mixture for 2-3 minutes. Let the jug sit for 15-20 minutes after adding Z2. This allows the finish to fully crosslink. Use of finish before it fully crosslinks can leave streaks in the floor. Leave cap off jug while cross linking.

NOTE: The mixture must be used within 4 hours, and cannot be re-activated.

4. Small Batch: (For less than 1 gallon, add Protect Z2 to Protect Z1 in a 1:10 ratio).

5. Adding Paint Strainer: Remove plastic strainer from bottle and wrap with mesh paint strainer for extra prevention from over catalyzed particles from escaping onto floor. These are available in any paint or home improvement store. Place back into jug and trim the mesh strainer back flush with the opening.

6. Disposable Surgical Booties: Place booties over shoes to keep from contaminating surface with dirt. Readily available at retail stores.



7. Applying Finish: Apply a coat of the Hallmark Protect Z1-Z2 mixture (hereafter Protect Z) using an 8-10mm microfiber roller, or via light-weight T-bar and 12" – 18" applicator.

- Pour a line of finish across grain at end of floor. Using roller roll across grain at the wall. Roll back across finish in direction of grain.
- Pour additional line of finish several feet away, and roll the finish onto floor staring at wall.
- Avoid Lap Marks: Caution must be used to lift the roller at the end of each pass. This prevents a build up of finish and inconsistencies in finish thickness.
- Overlap last row slightly to ensure complete coverage.

7. Dry Time: Expect 1-3 hours dry time. For light traffic floors, one coat of Protect Z is recommended. The best application method is to use finish strokes or passes "with the grain" of the wood.

8. Additional Coats: Apply 1-2 additional coats of Protect Z for higher-traffic floors. As long as each successive coat of Protect Z is applied within 24 hours, there is no need to abrade between coats, unless there has been foot traffic or spills in the interim. In this case, abrade with 2 stacked 320- grit maroon conditioning pads, and then vacuum before applying the next coat. Protect Z-coated floors may be lightly used after 24 hours, and rugs and heavy furniture replaced in 72 hours. (TrueMark)

CLEANING AND MAINTENANCE:

Use Hallmark TrueClean Wood and LVT cleaner to keep newly Protect Z-coated floors looking their best. Do not clean or use Hallmark Floors Surface Guardian Refresher on the floor before it is fully cured (72 hours).

TECHNICAL DATA:

Single Coat Coverage: 60-80 m² (500-700 ft²) per jug.

Dry Time: ~1 hour for base coat; 1-3 hours for subsequent coats. Light foot traffic only for 24 hours; rugs and furniture at 72. Do not clean until 72 hours after final coat.

Full Cure: 3 days. Content: Water, ceramic silica, polyurethane dispersion and butyl diglycol.

VOC: 173 g/L.

Shelf Life: 12 months from date of manufacture in unopened, original packaging under recommended storage conditions.

Storage: Store between 5-25°C (40-60°F). Protect from freezing.

Clean Up: Water clean-up.

Disposal: Do not pour surplus down the drain; dispose of in accordance with local regulations.

KEEP FROM FREEZING!

DO NOT TAKE INTERNALLY!

KEEP OUT OF REACH OF CHILDREN!

CAUTION!

DO NOT DILUTE

PRECAUTIONS: Do not breathe vapors or spray mist. Use with adequate ventilation. Wear an appropriate, properly-fitted respirator (NIOSH/MSHA-approved) in areas where TLV is exceeded. Do not ingest.

Avoid contact with eyes, skin and clothing; wear appropriate protective clothing like glasses and gloves. Wash thoroughly after handling. Keep container closed when not in use.

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.

Protect Z2 – Finish Cross-Linker

PLEASE READ ALL INSTRUCTIONS AND SAFETY DATA SHEETS BEFORE USING.

- Crosslinking agent for Protect Z2 commercial finish for Hallmark TrueMark & Glaze Tek UV Polyurethane wood finishes.
- Ensure that all previous XYZ system steps have been followed up until the application of Protect Z.
- After vigorously shaking Protect Z1 for 1 minute, add entire contents of Protect Z2, and then shake mixture an additional 2-3 minutes. Let sit 15-20 minutes.
- Apply mixture to floor.
- Short Batch: (For less than 1 gal. quantities, mix Protect Z2 with Protect Z1 in a 1:10 ratio).

TECHNICAL DATA:

Dry Time: ~1 hour for base coat; 1-3 hours for subsequent coats. Light foot traffic only for 24 hours; rugs and furniture at 72. Do not clean until 72 hours after final coat.

Full Cure: 3 days.

Content: prepolymer isocyanate hardener, DPM (Dipropylene Glycol Methyl Ether). Protect C VOC: 200 g/L.

Shelf Life: 12 months from date of manufacture in unopened, original packaging under recommended storage conditions.

Storage: Store between 5-25°C (40-60°F). Protect from freezing.

Clean Up: Water clean-up.

Disposal: Do not pour surplus down the drain; dispose of in accordance with local regulations.

KEEP FROM FREEZING!

DO NOT TAKE INTERNALLY!

KEEP OUT OF REACH OF CHILDREN!

CAUTION!

PRECAUTIONS: Do not breathe vapors or spray mist. Use with adequate ventilation. Wear an appropriate, properly-fitted respirator (NIOSH/MSHA-approved) in areas where TLV is exceeded. Do not ingest.

Avoid contact with eyes, skin and clothing; wear appropriate protective clothing like glasses and gloves. Wash thoroughly after handling. Keep container closed when not in use.

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.

Conversion Of NuOil® Two Stage Hybrid Oil System to Polyurethane

Conversion of NuOil® to polyurethane is possible, following the three-step process described in this publication (excluding Organic solid and engineered Hallmark collections).

Considerations:

- XYZ will drastically change the appearance of the floor. Once coated, the Alta Vista, Ventura, and Novella products look very different. They lose the depth that drew people to the look of oil, in the first place.
- Conversion is not a substitute for proper maintenance. Use of incorrect maintenance products or procedures will not be corrected simply by with conversion to polyurethane.
- The use of Restoration Oil vs. conversion to polyurethane is a much better solution to worn NuOil floors. One or two coats will return the floor to a serviceable level. This is the best option for NuOil finishes.

