



Vinyl Rx

Forest Rx – Strait Rx –

Cosmos Rx – Infinity Rx – Crossings Rx

TECHNICAL MANUAL

Installation • Maintenance • Warranty

Revised on 15Jun2023
Supersedes all previous versions.
Check website for current version.

Installation

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Installation

I. JOB SITE CONDITIONS

1. Installation should not begin until after all other trades are finished in the area. If the job requires other trades to work in the area after the installation of the floor, the floor should be protected appropriately.
2. Areas to receive flooring should be weather tight and maintained at a minimum uniform temperature of 65°F (18°C) for 48 hours before, during, and after the installation.

II. SUBFLOORS

1. Vinyl Rx products may be installed over concrete, Portland-based patching and leveling materials, and wood.

NOTE: Gypsum-based patching and leveling compounds are not acceptable.

NOTE: The selected Portland-based patching and self-leveling materials must be moisture resistant and rated to withstand the RH moisture levels on the project.

2. Wood Subfloors – Wood subfloors should be double construction with a minimum thickness of one inch. The floor must be rigid and free from movement with a minimum of 18 inches of well-ventilated air space below.
3. Underlayments – The preferred underlayment panel is American Plywood Association (APA) underlayment grade plywood, minimum thickness of 1/4-inch, with a fully sanded face.

NOTE: Particleboard, chipboard/OSB, Masonite and luan are not considered suitable underlayments.

4. Concrete Floors – Concrete shall have a minimum compressive strength of 3000 psi. New concrete slabs should cure for a minimum of 28 days before installing Vinyl Rx products. Concrete must be fully cured and permanently dry.
5. Vinyl Rx is not suitable for installation over radiant heat.

III. SUBFLOOR REQUIREMENTS AND PREPARATION

1. Subfloors shall be dry, clean, smooth, level, and structurally sound. They should be free of dust, solvent, paint, wax, oil, grease, asphalt, sealers, curing and hardening compounds, alkaline salts, old adhesive residue, and other extraneous materials, according to ASTM F710.
2. Subfloors should be smooth to prevent irregularities, roughness, or other defects from telegraphing through the new flooring. The surface should be flat to the equivalent of 3/16" (4.8 mm) in 10' (3.0 m).
3. Mechanically remove all traces of old adhesives, paint, or other debris by scraping, sanding, or scarifying the substrate. Do not use solvents. All high spots shall be ground level and low spots filled with an Portland-based patching compound.
4. All saw cuts (control joints), cracks, indentations, and other non-moving joints in the concrete must be filled with an Portland-based patching compound.
5. Expansion joints in the concrete are designed to allow for expansion and contraction of the concrete. If a floor covering is installed over an expansion joint, it will likely fail in that area. Use expansion joint covers designed for resilient flooring.
6. Always allow patching materials to dry thoroughly and install according to the manufacturer's instructions. Excessive moisture in patching material may cause bonding problems or a bubbling reaction with the adhesive.

HAZARDS:

SILICA WARNING – Concrete, floor patching compounds, toppings, and leveling compounds can contain free crystalline silica. Cutting, sawing, grinding, or drilling can produce respirable crystalline silica (particles 1-10 micrometers). Classified by OSHA as an IA carcinogen, respirable silica is known to cause silicosis and other respiratory diseases. Avoid actions that may cause dust to become airborne. Use local or general ventilation or provide protective equipment to reduce exposure to below the applicable exposure limits.

ASBESTOS WARNING – Resilient flooring, backing, lining felt, paint, or asphaltic “cutback” adhesives can contain asbestos fibers. Avoid actions that cause dust to become airborne. Do not sand, dry sweep, dry scrape, drill, saw, beadblast, or mechanically chip or pulverize. Regulations may require that the material be tested to determine the asbestos content. Consult the document “Recommended Work Practices for Removal of Existing Resilient Floor Coverings” available from the Resilient Floor Covering Institute.

LEAD WARNING – Certain paints can contain lead. Exposure to excessive amounts of lead dust presents a health hazard. Refer to applicable federal, state, and local laws and the publication “Lead Based Paint: Guidelines for Hazard Identification and Abatement in Public and Indian Housing” available from the United States Department of Housing and Urban Development.

7. Moisture must be measured using the RH Relative Humidity test method per the ASTM F2170 test standard. Moisture content should not exceed the allowable limit of the selected Ecore adhesive.

ES-90 – RH limit of 90% – normally selected
E-Grip 95 – RH limit of 95% – higher RH applications
E-Grip 99 – RH limit of 99% – highest RH applications

If RH levels exceed the selected adhesive's RH limit, stop and correct situation.

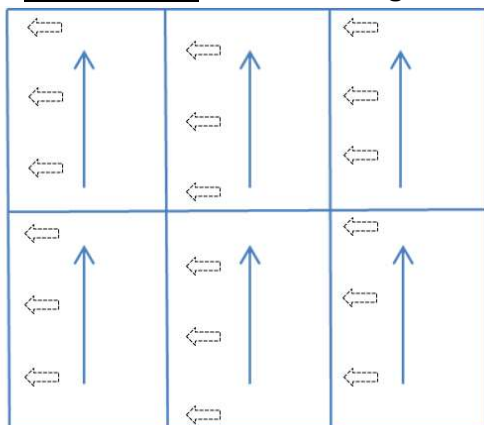
8. In the event that a moisture mitigation system is required, it must conform to the ASTM F3010 Standard Practice for Two-Component Resin Based Membrane Forming Moisture Mitigation Systems for use Under Resilient Floor Coverings.
9. Perform pH tests on all concrete floors per ASTM F3441 Testing Concrete pH for Resilient Flooring. If greater than the allowable limit of the selected ECORE adhesive, neutralize prior to installation.
10. Adhesive bond tests should be conducted in several locations throughout the area. Glue down 3' x 3' test pieces of the flooring with the recommended adhesive and trowel. Allow to set for 72 hours before attempting to remove. A sufficient amount of force should be required to remove the flooring and, when removed, there should be adhesive residue on the subfloor and on the back of the test pieces.

IV. MATERIAL STORAGE AND HANDLING

1. Material should be delivered to the job site in its original, unopened packaging with all labels intact.
2. Material must be stored inside in a climate-controlled environment not to exceed 85°F (30°C)
3. The material and adhesive must be acclimated at room temperature for a minimum of 48 hours before starting installation.
4. Note: Shipping pallets, cradles, banding, etc. are not intended for storage. After 7 days, remove material from shipping pallets, cradles, etc. Rolls of vinyl and vinyl laminated to rubber should be stored standing up. Storing vinyl rolls and vinyl-laminated-to-rubber rolls on their side will result in wetting.

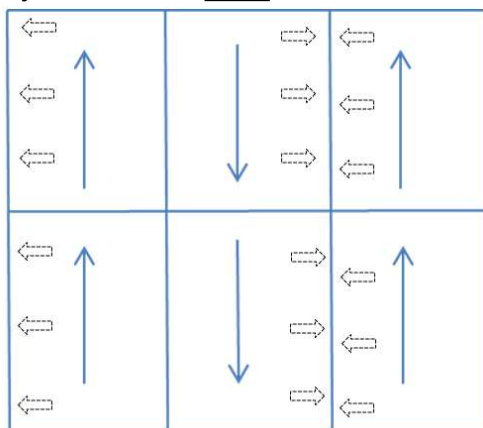
5. Inspect all materials for visual defects before beginning the installation. No labor claim will be honored on material installed with visual defects. Verify the material delivered is the correct style, color, and amount. Any discrepancies must be reported immediately before beginning installation.
6. **PLEASE NOTE: WOOD BOARD PATTERN** rolls should be unrolled and installed in the same direction to avoid pattern variations between the rolls.

Wood Board Pattern rolls go in same direction



7. **PLEASE NOTE: Wood board pattern rolls (Forest Rx)** have partial board widths on each side of the roll from the factory; factory edges are suitable for installation. If removal of these partial board widths is specified, material yield will be reduced on the job and should be taken into account when estimating.
8. Unroll all rolls and allow to relax overnight.
9. **PLEASE NOTE: NON-WOOD BOARD PATTERN** (Strait Rx, Cosmos Rx, Infinity Rx and Crossings Rx) rolls must be unrolled and installed in the same direction within each consecutive run. Adjacent rows must be laid in the opposite direction to avoid shade variations between the rolls.

Adjacent rows of **Non-Wood Board Pattern Rolls** go in **OPPOSITE** directions.



10. Unroll all rolls and allow to relax overnight.

NOTE: When handling or installing Vinyl Rx products, special care should be taken not to sharply fold or crease the material. This can result in permanent visual damage to the PUR wear layer which is not covered under ECOsurfaces product warranty.

V. INSTALLATION – ROLL MATERIAL

1. Make the assumption that the walls you are butting against are not straight or square. Using a chalk line, make a starting point for an edge of the flooring to follow. The chalk line should be set where the first seam will be located.
2. Lay the vinyl on the floor in a way that will use your cuts efficiently. Cut all rolls at the required length, including enough to run up the wall a couple inches.
3. If end seams are necessary, they should be staggered on the floor and overlapped approximately 2". End seams will be trimmed after acclimation period using a square to ensure they fit tightly without gaps.
4. After allowing proper acclimation and rough cuts are made, you may begin the installation.
5. Align the first edge to the chalk line.

Note: It is very important that the first seam is perfectly straight.

6. Position the second roll with appropriate overlap required to maintain board pattern consistency. After seams are trimmed, the edges should fit snug with no visual gaps. Care should be taken to not over compress the seam. Over compressed seams will cause peaking.
7. Repeat for each consecutive sheet necessary to complete the area or those rolls that will be installed that day.

INSTALLATION – Adhesive Application

1. After performing the above procedures, begin the application of the adhesive. We recommend ES-90, a one-component moisture-cured polyurethane adhesive. ES-90 **should not be mixed**. It is specially formulated for use right out of the pail. Apply ES-90 to the substrate using a 1/16" square- notched trowel.
2. Fold over the first drop along the wall (half the width of the roll). Rolls are 6 feet wide and 30 feet long. When roll is folded over this will leave an exposed area of substrate that is 3 feet wide.
3. Spread the adhesive, taking care not to spread more ES-90 than can be covered with flooring within 30 minutes. The open time of the adhesive is 30–40 minutes at 70°F and 50% relative humidity.

NOTE: Temperature and humidity affect the open time of the adhesive. Temperatures above 70°F and/or relative humidity above 50% will cause the adhesive to set up more quickly. Temperatures below 70°F and/or relative humidity below 50% will cause the adhesive to set up more slowly. The installer should monitor the on-site conditions and adjust the open time accordingly.

NOTE: Do not allow adhesive to cure on your hands or the flooring. Cured adhesive is very difficult to remove and we strongly suggest wearing gloves. Immediately wipe off excess adhesive with a rag slightly dampened with mineral spirits or denatured alcohol. Follow with a rag dampened with water.

4. Lay the flooring into the wet adhesive. Do not allow the material to "flop" into place; this may cause air entrapment and bubbles beneath the flooring.
5. Immediately roll the floor with a 75–100 lb. roller to ensure proper adhesive transfer. Overlap each pass of the roller by 50% of the previous pass to ensure the floor is properly rolled. Roll the width first and then the length. Roll again within the first 60 minutes.
6. Fold over the second half of the first roll and half the width of the second roll. Spread the adhesive, roll the flooring, and repeat for each consecutive drop.

7. Continue the process for each consecutive drop always folding material back into wet adhesive bed.

NOTE: Never leave adhesive ridges or puddles. They will telegraph through the material.

8. Use **J-Type Hand Roller** on all seams after the entire floor has been rolled.
9. Keep all foot traffic off the floor for a minimum of 24 hours, heavy loads for 48 hrs. and free from rolling loads for a minimum of 72 hours or risk causing permanent indentations or debonding in the uncured adhesive.

VI. INSTALLATION – Heat Welding

1. Groove seams in sheet flooring to 2/3 depth of vinyl, and heat weld with manufacturer's welding rod. All seams must be heat welded.
2. Complete first pass skive. Mozart skiving knife is recommended.
3. Let weld cool for 10 - 20 minutes and then do final skive.

VII. INSTALLATION – Sanitary Base (Use 4mm underlayment)

1. Remove the Vinyl Rx from the shrink wrap and unroll it onto the floor. Lay the material on the floor in a way that will use your cuts efficiently. Cut all rolls at the required length.
2. If end seams are necessary, they should be staggered on the floor and overlapped approximately 2". End seams will be trimmed after acclimation period using a square to ensure they fit tightly without gaps.
3. After allowing proper acclimation and rough cuts are made you may begin the installation.
4. **Note: it is very important that the first seam is perfectly straight.**
5. Position the second roll so it is snug with the adjacent roll, but not compressed. After seams are trimmed, if necessary, the edges should fit snug with no visual gaps. Care should be taken to not over compress the seam. Over compressed seams will cause peaking.
6. Repeat for each consecutive sheet necessary to complete the area or those rolls that will be installed that day.
7. After the rolls are rough fitted for the room, strike chalk lines 2" from the walls for Sanitary Base.
8. Where the chalk outline for the seam is marked, make square cut with a fixed, straight blade utility knife to prepare the Vinyl RX edge for the picture frame Sanitary Base installation. This allows the 2" space needed for the Sanitary Base to fit between the Vinyl RX material and the walls.
9. Cut down the **4mm** rubber underlayment into 2" wide strips strip to be installed between the wall and the prepared edge of the Vinyl.
10. After performing the above procedures, begin the application of the adhesive. We recommend ES-90, a one-component moisture-cured polyurethane adhesive. Do not mix the ES-90; use it right out of the pail and apply to the substrate using a 1/16" square notched trowel.
11. Remove the **4mm** x 2" rubber underlayment and set aside. Fold over the first Vinyl RX drop along the wall (half the width of the roll). Rolls are 6 feet wide and 30 feet long. When roll is folded over, this will leave an exposed area of substrate that is 3 feet wide and 30 feet long.
12. Spread the adhesive using the proper size square-notched trowel. Take care not to spread more ES-90 than can be covered with flooring within 30 minutes. The open time of the adhesive is 30–40 minutes at 70°F and 50% relative humidity.

NOTE: Temperature and humidity affect the open time of the adhesive. Temperatures above 70°F and/or relative humidity above 50% will cause the adhesive to set up more quickly. Temperatures below 70°F and/or relative humidity below 50% will cause the adhesive to set up more slowly. The installer should monitor the on-site conditions and adjust the open time accordingly.

NOTE: Do not allow adhesive to cure on your hands or the flooring. Cured adhesive is very difficult to remove and we strongly suggest wearing gloves. Immediately wipe off excess adhesive with a rag slightly dampened with mineral spirits or denatured alcohol. Follow with a rag dampened with water.

13. Lay the flooring and rubber underlayment into the wet adhesive. Do not allow the sheet material to “flop” into place; this may cause air entrapment and bubbles beneath the flooring.
14. Immediately roll the floor with a 75–100 lb. roller to ensure proper adhesive transfer. Overlap each pass of the roller by 50% of the previous pass to ensure the floor is properly rolled. Roll the width first and then the length. Hand roll all seams after the entire floor has been rolled.
15. Fold over the second half of the first roll and half the width of the second roll. Taking roll sizes into account, this will provide an exposed area of substrate of 6 feet wide and 30 feet in length per roll. Spread the adhesive, roll the flooring, and repeat for each consecutive drop.
16. In some instances, it may be necessary to weigh down the seams, especially the end seams, until the adhesive develops a firm set.
17. Roll the **4mm** x 2” rubber underlayment into the adhesive and thoroughly roll with a hand roller.
18. Continue the process for each consecutive drop and 2” rubber underlayment. Work at a pace so that you are always folding material back into wet adhesive bed.
19. Let the adhesive cure for several hours before installing Sanitary Base.
20. Sanitary base should be used for the entire area (except at the doorway), or as specified. Gaps between the wall and subfloor must not be larger than 1/8 inch. Gaps larger than 1/8 inch must be filled and smoothed, using a suitable product, before Sanitary Base installation.
21. Ensure the wall is dry, smooth, and clean. If dusty, use a water-based primer diluted 1:1 with clean, potable water. Apply using a small paint brush.
22. Leaving the wax paper on the sides of the roll, apply the 3-3/4” E-Flash Tape directly to the wall (1/8 inch up from the floor), pressing firmly into place.
23. **Cut the 3-3/4” E-Flash Tape down to 2”** and install it to the top of the underlayment, tight to the intersection of the wall and floor, pressing firmly into place. Roll all tape with a hand roller before removing wax paper and before installing the Sanitary Base.
24. Dry cut the Sanitary Base to length, mitering as required, and ensure a tight fit at all seams. Remove the wax paper from the cut down 2-inch E-Flash Tape and firmly press the sanitary base into the tape, keeping it tight to the flooring.
25. Remove the wax paper from the 3-3/4” E-Flash Tape and firmly press Sanitary Base against wall.
26. Roll Sanitary Base with a hand roller to ensure a good bond.
27. To weld, groove all seams with a hand groover so as not to expose the rubber underlayment.
28. **Heat weld the flat seams.**
29. **Cold weld vertical seams. Note: Cold weld must be locally sourced. ECOsurfaces recommends Bostik DUO-SIL.** Please see: https://www.bostik.com/us/en_US/catalog/product/construction/nam/united-states/product-duo-sil.
30. Cold-welding the vertical seams: Apply masking tape 1/8” away from each vertical seam on both sides of the seam. Apply a bead of cold weld and smooth the cold weld with a rounded spatula. Remove the tape and smooth the edges where the tape ended. Let cold weld dry 8 hours before initial cleaning.
31. Hand roll all seams after the entire floor has been rolled.
32. Keep traffic off the floor for a minimum of 24 hours. Floor should be free from rolling loads for a minimum of 72 hours.

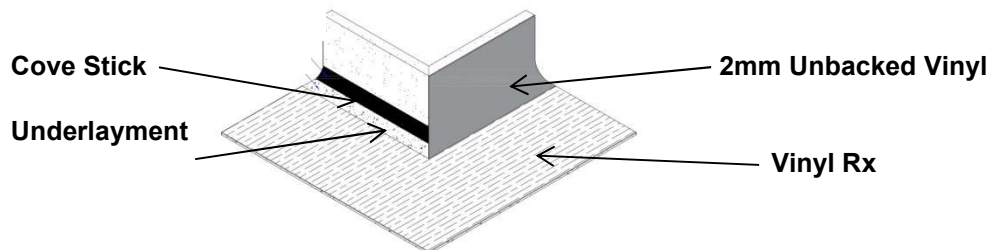
VIII. INSTALLATION – Flash Coving (use 5mm Underlayment)

NOTE: ECOsurfaces does not warrant shade match between fusion-bonded and unbacked material

1. Remove the flooring from the shrink wrap and unroll it onto the floor. Lay the material on the floor in a way that will use your cuts efficiently. Cut all rolls at the required length.
2. If end seams are necessary, they should be staggered on the floor and overlapped approximately 2”. End seams will be trimmed after acclimation period using a square to fit tightly without gaps.
3. After allowing proper acclimation and rough cuts are made, you may begin the installation.
4. **Note: it is very important that the first seam is perfectly straight.**

5. Position the second roll so it is snug with the adjacent roll, but not compressed. After seams are trimmed, if necessary, the edges should fit snug with no visual gaps. Care should be taken to not over compress the seam. Over compressed seams will cause peaking.
6. Repeat for each consecutive sheet necessary to complete the area or those rolls that will be installed that day.
7. After the rolls are rough fitted for the room, strike chalk lines 4" from the walls for flash coving.
8. Where the outline for the seam is marked, make square cut with a fixed straight blade utility knife to prepare the edge for the picture frame flash cove installation.
9. Cut down the **5mm** rubber underlayment into 4" wide strips to be installed between the wall and the prepared edge of the Vinyl.
10. After performing the above procedures, begin the application of the adhesive. We recommend ES-90, a one-component moisture-cured polyurethane adhesive. ES-90 should not be mixed. It is specially formulated for use right out of the pail.
11. Spread the adhesive using the 1/16" square-notched trowel. Take care not to spread more ES-90 than can be covered with flooring within 30 minutes. The open time of the adhesive is 30–40 minutes at 70°F and 50% relative humidity.
NOTE: Temperature and humidity affect the open time of the adhesive. Temperatures above 70°F and/or relative humidity above 50% will cause the adhesive to set up more quickly. Temperatures below 70°F and/or relative humidity below 50% will cause the adhesive to set up more slowly. The installer should monitor the on-site conditions and adjust the open time accordingly.
12. Never leave adhesive ridges or puddles. They will telegraph through the material.
Note: Do not allow adhesive to cure on your hands or the flooring. Cured adhesive is very difficult to remove and we strongly suggest wearing gloves. Immediately wipe off excess adhesive with a rag slightly dampened with mineral spirits or denatured alcohol. Follow with a rag dampened with water.
13. Fold over the first drop along the wall (half the width of the roll). Remove the 4-inch wide **5mm** rubber underlayment and set aside. Rolls are 6 feet wide and 30 feet long. When roll is folded over this will leave an exposed area of substrate that is 3 feet wide and 30 feet long.
14. Lay the flooring and rubber underlayment into the wet adhesive. Do not allow the sheet material to "flop" into place; this may cause air entrapment and bubbles beneath the flooring.
15. Immediately roll the floor with a 75–100 lb. roller to ensure proper adhesive transfer. Overlap each pass of the roller by 50% of the previous pass to ensure the floor is properly rolled. Roll the width first and then the length.
16. Fold over the second half of the first roll and half the width of the second roll. Taking roll sizes into account, this will provide an exposed area of substrate of 6 feet wide and 30 feet in length per roll. Spread the adhesive, roll the flooring, and repeat for each consecutive drop.
17. Roll the **5mm** rubber underlayment into the adhesive and thoroughly roll with a hand roller.
18. Continue the process for each consecutive drop and 4" rubber underlayment. Work at a pace so that you are always folding material back into wet adhesive bed.
19. **Let the adhesive cure for several hours before flash coving.**
20. Surfaces to receive the E-Flash tape should be completely clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loose particles and any other substance or condition that may prevent or reduce adhesion.
21. Vacuum the surface with the brush attachment and then tack-mop the surface using a damp mop to remove any remaining fines. Allow the surface to dry completely before installing the E-Flash Tape.
22. Apply 3-3/4" E-Flash Tape to the top of the **5mm** rubber underlayment filler strip and roll with a hand roller.
 - a. Do not overlap the tape.
 - b. Avoid trapping air during placement.
 - c. Trim off excess tape with utility knife
23. Apply 3-3/4" E-Flash Tape on the wall / vertical surface, from the **5mm** rubber underlayment edge to the where the finished cap edge will stop.
 - a. Do not overlap the tape and avoid trapping air during placement.
 - b. Trim off excess tape with utility knife

24. Using a 1-1/4" cove stick for the radius, cut the miter for the outside and inside corners, trace cut and remove the tape release liner from the wall and floor, and adhere the cove stick.
25. Measure from the Rx cut edge to the top of the cap strip following the radius for the picture frame flash cove area. Strip a length of the 2mm unbacked vinyl material the same width as measured for the fill piece for the perimeter coved areas. Make mitered inside and outside corners.



26. Try-fit the 2mm unbacked vinyl material.
27. Peel back enough of the release liner on the wall and floor to install the 2mm unbacked vinyl material.
28. Begin to place the 2mm material and press into place. Take care to place the flooring in proper position because of the extreme difficulty of repositioning flooring materials once bonded to the E-Flash tape.
29. Pull back additional release liner and continue to place flooring.
30. Heat-weld all seams and inside and outside corners with welding rod.
31. Hand roll all seams after the entire floor has been rolled.
32. After rolling, keep all foot traffic off the floor for a minimum of 24 hours, heavy loads for 48 hrs. and free from rolling loads for a minimum of 72 hours or risk causing permanent indentations or debonding in the uncured adhesive.

Floor Protection

It is the Specifier's responsibility to:

Mandate covering and protection of floor from damage and construction debris until construction is complete.

- Assign to the appropriate party responsibility for the initial cleaning of floor following published procedures.

Ecore recommends our environmentally friendly line of maintenance products, including E-Cleaner.

It is the General Contractor's responsibility to provide:

- A building or installation area that is fully enclosed from the elements, e.g., finished roof, windows, doors, etc.
- Temperature that is climate controlled with a minimum uniform temperature of 65° F for 48 hours prior to, during, and after the flooring installation, for acclimation of flooring materials.
- Protection for those areas of the flooring that are subject to direct sunlight through doors or windows by having the doors or windows covered for such time until the installation of the material is complete.
- Protection for flooring from damage and construction debris by using an appropriate floor covering until such time that the recommended initial cleaning may be performed.

NOTE: Rubber feet or rubber mats may cause permanent staining to vinyl surfaces. Ecore does not recommend that equipment with rubber feet or the use of rubber-backed mats on vinyl floors.

NOTE: Fit protective feet to table and chair legs to prevent scratching.

Maintenance

The Vinyl Rx products incorporate a polyurethane reinforcement, which protects the floor covering by resisting soiling and scuffing. Combined with the superior closed surface finish, this enhanced protection allows the use of a polish-free maintenance regime. This protection ensures that the intensity of the maintenance and overall cleaning costs are significantly reduced.

NOTE: Rubber feet or rubber mats may cause permanent staining to vinyl surfaces. ECOsurfaces does not recommend the use of equipment containing rubber feet, rubber castors, or rubber-backed mats.

INITIAL CONSTRUCTION CLEAN

1. Wait a minimum of 24-48 hours before conducting the initial cleaning.
2. Remove all loose debris, dust, and grit by sweeping or vacuuming.
3. Ensure that all traces of adhesive are removed from the surface of floor using a clean white cloth dampened with mineral spirits or denatured alcohol.
4. Damp mop with a microfiber mop or scrub with a buffer and a red scrubbing pad or soft nylon brush, using Ecore's neutral pH E-Cleaner diluted to 10 oz. E-Cleaner per gallon cool water
5. If required, dry buff with a 1000 rpm plus rotary machine fitted with a white pad.

ROUTINE MAINTENANCE

1. Mop, sweep or vacuum to remove dust and loose dirt.
2. If required, spot mop to remove stubborn marks with Ecore's E-Cleaner.

NOTE: Using entryway systems/walk off mats (non-staining types) at building entrances greatly reduces dirt, sand, grit, etc. from being tracked onto the floor, protecting the floor and in turn, reduces maintenance.

3. Damp mop or utilize an auto scrubber with Ecore's neutral pH E-Cleaner diluted to 3 oz. E-Cleaner per gallon cool water on a regular basis as required.
4. As necessary, wet scrub with a red scrubbing pad or soft nylon brush to prevent accumulation of soil build up.

E-Finish Alternative Surface Finish Option

1. When applying E-Finish to the floor, thoroughly clean the floor with Ecore's neutral pH E-Cleaner using a buffer or auto scrubber equipped with a red pad or soft nylon brush.
2. Rinse, and allow to dry thoroughly before applying E-Finish.
3. Apply two coats of E-Finish making sure there is adequate dry time between coats (approx. 2 hours).
4. Cleaning and maintenance frequency varies based on specific traffic volume and areas of use. The use of walk off mats combined with daily sweeping and reasonable wet cleaning frequency will help minimize more extensive maintenance steps.

REMOVAL OF E-FINISH – When the floor gloss level appears worn or uneven due to traffic, the E-Floor finish can be reapplied or removed and reapplied to restore the floors appearance.

1. Thoroughly sweep or vacuum the floor to remove all loose dirt and grit.
2. If simply adding E-Finish, do so using a microfiber mop, alternating mop directions from first coat (applied north-south) to second coat (applied east-west) to catch any skips, allowing to dry approx. 2 hours between coats.
3. If removing E-Finish, apply E-Strip with a microfiber mop or sprayer and allow to remain on the floor for 10-15 minutes but do not allow stripper to dry on surface.
4. Scrub floor with buffer or auto scrubber equipped with a red pad; 175-350 rpm recommended. Vacuum remaining solution, rinse and mop the floor with clear cool water and allow to dry thoroughly.

5. Apply new E-Finish using a microfiber mop, alternating mop directions from first coat (applied north-south) to second coat (applied east-west) to catch any skips, allowing to dry approx. 2 hours between coats.

PERIODICALLY

1. Assess the appearance of the floor. If the floor has dirt build-up, use a low-speed scrubber (175-300) fitted with a red cleaning pad, using E-Cleaner diluted to 10 oz. E-Cleaner per gallon cool water or E-Strip diluted to 16 oz. E-Strip per gallon cool water, as appropriate.
2. Rinse thoroughly and allow to dry.
3. If required, dry buff dry buff with a 1000 rpm plus rotary machine fitted with a white pad

Note:

- a. The maintenance regime requires the installation of an effective barrier matting system.
- b. Fit protective feet to table and chair legs to prevent scratching.
- c. These maintenance instructions are intended for the PUR Vinyl Rx floor covering products, which have a polyurethane reinforcement.

REGULAR CLEANING IS MORE BENEFICIAL AND COST-EFFECTIVE THAN OCCASIONAL HEAVY CLEANING.

Vinyl Rx – Approved Maintenance Products				
Product	ECOsurfaces 833-888-1760 www.ecosurfaces.com	Hilway Direct	Ecolab	Johnson Diversey
Neutral Cleaner	Ecore's E-Cleaner			
Germicidal Cleaner	Enviro Care Neutral Disinfectant			
Maintainer / Wash Wax		Plus Cleaner/ Maintainer	Easy Glow	Diversey Snapback Spray Buff
Dry Bright Emulsion Polish	Ecore's E-Finish			
Semi-Buffable Emulsion Polish		Matte Satin High Gloss	Gemstar Laser	Diversey Carefree
Fully-Buffable Emulsion Polish		Matte Satin High Gloss	Gemstar Stratus	High Mileage UHS Floor Finish
Polish Stripper	Ecore's E-Strip			

Warranty

ECOsurfaces guarantees our Vinyl Rx products to be free from manufacturing defects on both material and workmanship. If such a defect is discovered, the customer must notify ECOsurfaces either through the contracting installer, distributor, or directly. If found to be defective under normal non-abusive conditions, at the discretion of ECOsurfaces, the sole remedy against the seller will be to repair, to replace, or to issue a credit not exceeding the selling price of the defective goods. These warranties only apply to the original purchaser.

Please see the ECOsurfaces Warranty Guide for length specifics.

This warranty shall not cover dissatisfaction due to improper use or abuse, including and without limitation: burns, cuts, tears, scratches, scuffs, damage from rolling loads, damage from cleaning products not recommended by ECOsurfaces, slight shade variations or shade variations due to exposure to direct sunlight, or differences in color between samples or photographs and actual flooring. If product is no longer available, ECOsurfaces reserves the right to substitute similar product of equal value and/or quality.

This warranty does not cover defects arising from any of the following:

1. Excessive Moisture
2. Chemical Reaction
3. Corrosion
4. Extremes in temperature
5. Abnormal usage above which the product is specified.
6. Wear from chairs or other furniture without proper floor protectors
7. Indentations, scratches, or surface damage caused by improper maintenance, misuse, negligence, spike heeled shoes, pebbles, sand, or other abrasive materials.
8. Sub-floor irregularities causing premature wear.
9. Dissatisfaction due to improper installation and/or maintenance
10. Labor on material installed with obvious defects.
11. Labor costs on repair or replacement material
12. Any discoloration or bond failure as a result of unapproved adhesives or improper substrate preparation
13. Staining or discoloration caused by rubber feet, rubber castors, rubber-backed mats, etc.
14. Damage resulting from unapproved floor care products.
15. Purchase of "seconds," "remnants," or other (non-first quality) flooring materials are not covered under this warranty.
16. Shade match between fusion-bonded and unbacked material.

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