



Roll, Tile and ECOpave

MAINTENANCE MANUAL

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Check website for updates.

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MAINTENANCE

UNCOATED CLEANING INSTRUCTIONS

Steps	Green Products	Dilute	Diluted Coverage	Pads & Brushes
Initial Cleaning	Ecore's E-Cleaner	10 oz./gal. water	2,000 sq. ft./gal.	Soft nylon brush or approved pad
Finishing	Ecore's E-Finish	None	1,500 sq. ft./gal.	Soft nylon brush or microfiber mop
Daily Cleaning	Ecore's E-Cleaner	2-4 oz./gal. water	6,000 sq. ft./gal.	Soft nylon brush or microfiber mop
Heavy Soil and Restorative Cleaning "Uncoated" Surfaces	Ecore's E-Strip	16 ox./gal. water	1,200 sq. ft./gal.	Brown pad or black pad

NOTE: For factory coated ECOSurfaces please refer to instructions on page 5 of this manual.

ECORE CLEANING AND FINISHING PROGRAM

For ECOSurfaces (ECONights, ECOSand, ECOstone, ECOearth, and ECORocks only)

A. Initial Cleaning

1. Remove all surface soil, debris, sand, and grit by sweeping, dust mopping, or vacuuming.
2. Scrub floor with ECORE’s recommended E-Cleaner, using buffer or auto scrubber with an approved* pad or soft nylon brush over uncoated ECOSurfaces.
3. Pick up solution with a wet vacuum, rinse with clean water, and allow to dry thoroughly (6-8 hours).

***Please call ECORE’s Technical Department at 717-295-3407 for clarification on approved pads.**

B. Initial Floor Finish Application

1. Finish options:
 - a. ECORE’s E-Finish for a low satin finish. Apply 2-3 thin coats of finish. Work finish into flooring with a soft nylon brush or microfiber mop and let it thoroughly dry between coats.
2. Provide sufficient cure time of the final coat before allowing foot traffic (at least 2 hours).

C. Daily/Regular Cleaning

1. Sweep, dust mop, or vacuum floor to remove surface soil, debris, sand, and grit.
2. Damp mop with a microfiber mop or auto-scrub with a soft nylon brush or microfiber mop using ECORE's approved E-Cleaner low foam cleaner.

Note: FLOORS TREATED WITH E-FINISH - When cleaning floors finished with E-Finish use only a microfiber mop and nylon brush. Pads will remove finish on floors treated with E-Finish.

D. Restorative Maintenance

Stripping the finish is not needed until there is noticeable accumulation of dirt and contaminants embedded in the finish. Normally this accumulation occurs in hard to reach and high traffic areas. Following a good maintenance program and applying thin coats of finish when the look calls for it and only where it is needed will result in little finish build-up, increasing the time between stripping.

1. Sweep or vacuum to remove loose soil.
2. Heavy scrub using a rotary scrubber or automatic scrubber with a black or brown pad and stripper solution ECORE's E-Strip.
3. Pick up solution with wet vac.
4. Rinse with clean water.
5. Allow floor to thoroughly dry.
6. Apply floor finish following initial finish application instructions.

E. Heavy Soil

1. Hard-to-clean and greasy areas may require a higher concentration of ECORE's E-Cleaner and may require a restorative maintenance.

IMPORTANT MAINTENANCE TIPS

- Refer to ECOguard Maintenance Section for Factory Coated ECOsurfaces.
- Use high CFM vacuum.
- Wait for floor to dry thoroughly before applying floor finishes, usually 24 hours.
- Apply only thin coats of floor finishes with finish mop. Buffing finish into the floor with a soft nylon brush is beneficial.
- For large areas, use auto scrubbers to clean floors.
- For stripping floors, use E-Strip and black or brown pad. Rinse thoroughly with clean water.
- For gum, use any generic gum remover. However, any solvent based product should be rinsed well with water to avoid damaging floor. Gum remover will also remove finish.
- For high traffic areas, top scrub and recoat floor as needed.
- Avoid flooding the floor.

CLEANING AND MAINTENANCE PROGRAM FOR ECOPAWE MOLDED PRODUCTS

(Interlocking Pavers, Rectangular Tiles and Square Embossed Paver tiles)

A. Outdoor Cleaning & Maintenance Procedures

1. Daily cleaning: Sweep debris away or hose off dirt.
2. Periodic cleaning (as needed): Pressure wash with no more than 1200 psi maximum.

B. Indoor Cleaning & Maintenance Procedures

NOTE: This product is not intended for residential indoor use, and should only be used indoors where a suitable drainage system is in place.

1. Daily cleaning: Vacuum floor or sweep floor to remove loose debris.
2. Periodic cleaning
 - a. Vacuum floor or sweep floor to remove loose debris.
 - b. Wet scrub floor with E-Cleaner using auto-scrubber with nylon brush.
 - c. Wet vacuum remaining soiled solution, rinse, and allow to dry thoroughly (6-8 hours).

ECOguard Clear Coat Sealer Instruction Manual

Description

ECOguard is a water based polymeric coating formulated for interior applications. ECOguard offers excellent environmental resistance to abrasion and impact, while offering an attractive matte finish.

Tools / Materials Required

Safety Glasses
Latex or Rubber Gloves
21" paint tray or rectangular mop bucket for sealer
Applicator Trim Pads
Automatic Buffer
Safety / utility knife
Trash bags
18" stir sticks
Drill
Rags
Microfiber Mop
Microfiber Mop Cover
Paint mixer paddle

Surface Preparation

- An improperly prepared surface can act as a bond breaker and result in a project failure. It is important to remove all dirt, grease, wax, oil, paint or other contaminants before applying the ECOguard. ECOguard can be applied over the existing factory applied finish after all construction debris and soil have been removed from the surface.

Precautionary Measures

- Suggested to allow ECOguard to cure for 48 hours before cleaning.
- Suggested to allow ECOguard to cure for 48 hours before rolling chairs and dollies.
- Suggested to allow ECOguard to cure for 24 hours before introducing foot traffic.
- If traffic and/or rolling loads need to be introduced earlier than listed above, the surface should then be protected with an appropriate plywood or Luan.
- Remove ECOguard spills and drips immediately from other surfaces before dry.
- Suggested not to re-use microfiber pads after applying ECOguard.
- Seal floor in one step rather than in sections for best results.
- If sealer dries on microfiber pad, replace with new microfiber pad for best results.
- Sealer will obtain full strength in 5-7 days. Care should be taken during the first 5-7 days to prevent damage to the coating. Extra coats will extend the curing cycle.
- Do not use string mops or other unapproved applicators to apply ECOguard. The use of unapproved mops may result in a poor application of the sealer and complete removal may be required.
- Work from one side of the room to the other using a scrubbing motion with microfiber mop keeping a wet edge.

Application Methods

1. **Application of ECOguard Over Uncoated EcoSurfaces**
2. **Application Over Existing New ECOguard Factory Applied Sealer**
3. **Surface Preparation and Re-Application of ECOguard Sealer**
4. **Removal , Stripping “Complete Removal” of ECOguard Sealer**
5. **Cleaning and Maintenance Instructions**

1. Application Of ECOguard Over Uncoated ECOsurfaces

- **IMPORTANT! Stir the ECOguard thoroughly before application to ensure consistent sheen.** Stir sealer for 3-5 minutes or until all sediment at bottom of pail is mixed in.
- Safety glasses should be worn when mixing, pouring or applying ECOguard.
- Apply first coating of ECOguard to the rubber surface using ECORE's recommended Microfiber Mop. An applicator trim pad may be used for areas around the perimeter.
- Additional one to two coats are recommended and an ample amount of time is required between coats. Allow each coat to dry thoroughly to touch before applying the next coat, about 2 - 4 hours.
- Over unfinished rubber the coverage rate is approximately 400-500 sq ft per gallon. Second and Third coat coverage approximately 600-800 sq ft per gallon.
- Apply ECOguard when surface temperature is 65 degrees Fahrenheit or higher and maintained for 72 hours before and after installation.
- Wear rubber or latex gloves when applying the ECOguard. Sealer will not harm the skin but is difficult to remove once it dries. Wash hands immediately after contact with ECOguard with soap and water.
- Allow ECOguard to cure for 48 hours before cleaning the surface.

2. Application Over Existing ECOguard Factory Applied Sealer

- **Factory coated product should not require additional field coats. Should an additional coat be requested, one should suffice.**
- **IMPORTANT! Stir the ECOguard thoroughly before application to ensure consistent sheen.** Stir sealer for 3-5 minutes or until all sediment at bottom of pail is mixed in.
- Safety glasses should be worn when mixing, pouring or applying ECOguard.
- Wear rubber or latex gloves when applying the ECOguard. Sealer will not harm the skin, but is difficult to remove once it dries. Wash hands immediately after contact with ECOguard with soap and water.
- Apply ECOguard when surface temperature is 65 degrees Fahrenheit or higher and maintained for 72 hours before and after installation.
- Apply one coating of ECOguard to the rubber surface using ECORE's recommended Microfiber Mop. An applicator trim pad may be used for areas around the perimeter.
- Additional coats are acceptable and an ample amount of time is required between coats. Allow each coat to dry thoroughly before applying the next coat, about 2-4 hours.
- Coverage rate is approximately 600-800 sq. ft. per gallon over previously coated surfaces.
- Allow ECOguard to cure for 48 hours before cleaning the surface.

3. Surface Preparation and Re-Application of ECOguard Sealer

- An improperly prepared surface can act as a bond breaker and result in a project failure. It is important to remove all dirt, grease, wax, oil, paint or other contaminants before re-applying the ECOguard. ECOguard can be applied over the existing factory applied finish after all construction debris and soil have been removed from the surface.
- It is recommended to clean the surface thoroughly with a buffer or auto scrubber using a 3M red or aqua pad. Keep in mind that these pads will slightly abrade the finish and continued use will

remove the sealer. Cleaning with these pads will slightly abrade the finish creating an acceptable surface to apply the new finish coat.

- **NOTE:** Manufacturers make different pads of different texture in like colors. It is recommended to contact ECORE’s Technical Service Department for guidance in pad selection.
- **Stir the ECOguard thoroughly before application to ensure consistent sheen.**
- Apply one coating of ECOguard to the rubber surface using ECORE’s recommended Microfiber mop. An applicator trim pad or 4” roller may be used for areas around the perimeter.
- Additional coats are acceptable and an ample amount of time is required between coats. Allow each coat to dry thoroughly before applying the next coat, about 2-4 hours.
- Coverage rate is approximately 600-800 sq. ft. per gallon over previously coated surfaces.
- Apply ECOguard when surface temperature is 65 deg Fahrenheit or higher and maintained for 72 hours before and after installation.
- Safety glasses should be worn when mixing, pouring or applying ECOguard.
- Wear rubber or latex gloves when applying the ECOguard. Sealer will not harm the skin but is difficult to remove once it dries. Wash hands with soap and water after contact.
- Allow ECOguard to cure for 48 hours before cleaning the surface.

4. Removal / Stripping ECOguard Sealer

- ECOguard is difficult to completely remove from the surface of the rubber and may take several attempts. ECOguard is removed by abrasion using an approved stripping pad. Anything used to chemically remove the sealer will jeopardize the integrity of the rubber.
- To remove, use E-Strip 42 oz. per gallon water and a buffer fitted with a black or brown stripping pad. Manufacturers make different pads of different texture in like colors. **It is recommended to contact ECORE’s Technical Service Department for guidance in pad selection.**
- Apply a liberal amount of diluted stripper to the surface of the rubber and work buffer from one side to the other until sealer is removed. Successfully removing the sealer will be dependent on undulations in the substrate and may take several passes with the buffer or auto scrubber.
- **CAUTION – A “standard” black pad should be the most aggressive pad used. The use of a high performance black pad such as 3M’s 7300 series is NOT RECOMMENDED and will act as a sander and will damage the surface of the rubber.** ECORE assumes no liability in the event of damage to the rubber in the removal process. ECOguard is considered a permanent sealer and not intended to be stripped from the rubber as a standard procedure. This procedure is for restorative maintenance purposes only. To re-apply ECOguard please follow step 1.

Maintenance Instructions

Steps	Green Products	Dilute	Tools
Initial Cleaning	ECORE’s E-Cleaner	10 oz / Gal Water	Soft Nylon Brush or Microfiber Mop
Daily/Weekly Cleaning	ECORE’s E-Cleaner	2-4 oz / Gal Water	Soft Nylon Brush or Microfiber Mop
Heavy Soil	ECORE’s E-Cleaner	10 oz / Gal Water	Soft Nylon Brush or approved pad

ECOsurfaces Coated with ECOguard

A. Initial Cleaning

NOTE: Sealer should have 48 hours minimum to cure before introducing moisture.

1. Remove all surface soil, debris, sand, and grit by sweeping or vacuuming.
2. Scrub floor with ECORE's recommended E-Cleaner, using a buffer or auto scrubber with a soft nylon brush. We recommend a 175 RPM buffer or auto scrubber. If soil is minimal, a microfiber mop may be used.
3. Pick up remaining residue with a wet vac and damp mop floor. Allow floor to dry.

B. Daily/Weekly Cleaning

1. Remove all surface soil, debris, sand, and grit by sweeping or vacuuming.
2. Damp mop or scrub floor using ECORE's recommended E-Cleaner or equivalent with a soft nylon brush or microfiber mop. For heavier scuff marks, a more aggressive pad may be used. **Please contact ECORE's Technical Department for guidelines on pad selection.**
3. Clean remaining residue from floor with a wet vac and damp mop floor. Allow floor to dry thoroughly before introducing foot traffic.

C. Heavy Soil Cleaning

1. Remove all surface soil, debris, sand, and grit by sweeping or vacuuming.
2. Scrub floor using ECORE's recommended E-Cleaner with a soft nylon brush or more aggressive recommended pad. **Contact ECORE's Technical Department for aid in pad selection.** "Follow Dilution Schedule" above.
3. Pick up remaining residue with a wet vac and damp mop floor. Allow floor to dry.

Note: If area is too small for a buffer or auto scrubber, a nylon deck brush may be used to remove scuff marks or heavy soil. Brush should be approximately 22 gauge.

Approved Cleaning / Stripping Pads

Manufacturer	Cleaning	Stripping
3 M	White 4100, Beige 4200	Black 7200, Brown 7100, Blue 5300
Taski	White	Black, Purple
ECOLAB	White	Black

Recommended Tools / Materials



21" paint tray



Microfiber Mop



Microfiber Mop Cover



Rectangular Mop Bucket



Applicator Trim Pad



Applicator Trim Pad



Mixing Paddle



Safety Glasses



Safety Knife



Latex Gloves



Shop Towels



Rags

WARRANTY

All ECORE International rubber flooring is guaranteed by ECORE International to be free from manufacturing defects on both material and workmanship. If such a defect is discovered, the customer must notify ECORE either through the contracting installer, distributor, or directly. If found to be defective within five years under normal non-abusive conditions, the sole remedy against the seller will be the replacement or repair of the defective goods, or at the seller's option, credit may be issued not exceeding the selling price of the defective goods.

ECOsurfaces warranty shall not cover dissatisfaction due to improper installation, damage from improper maintenance or usage, or general misuse, including and without limitation: burns, cuts, tears, scratches, scuffs, damage from rolling loads, damage from cleaning products not recommended by ECORE, slight shade variations or shade variations due to exposure to direct sunlight, or differences in color between samples or photographs and actual flooring.

Excluded from Warranty

These warranties do not apply to the following:

1. The exact matching of shade, color, or mottling.
2. Any express or implied promise made by any salesman or representative.
3. Tears, burns, cuts, or damage due to improper installation, improper use, or improper cleaning agents or maintenance methods.
4. Wear from chairs or other furniture without proper floor protectors will void the warranty. Care should be taken to protect the flooring from damage by using good quality protective feet for chairs, tables, and other furniture. Chair mats may be required under chairs with casters/wheels.
5. Labor costs for installation of original or replacement material.
6. Sale of "Seconds," "Off Goods," or other irregular (non-first-quality) flooring materials. With respect to "Seconds" or "Off Goods," such are sold "as is," and ECOsurfaces makes no warranties whatsoever, express or implied with respect thereto, including warranties of merchantability or fitness for a particular purpose.
7. Problems caused by moisture, hydrostatic pressure, or alkali in the sub-floor.
8. Problems caused by uses, maintenance, and installation that are contrary to ECOsurfaces specifications, recommendations or instructions.
9. Material installed with obvious defects.
10. Damage to flooring products from high heels or spike heels.
11. Damage to flooring products from rubber mats or rubber backed mats.
12. Installation of ECOsurfaces products with adhesives other than those recommended by ECOsurfaces.
13. Fading and/or discoloration resulting from heavy sunlight penetration and ultraviolet ray exposure from direct or glass-filtered sunlight.
14. Material that is not installed and maintained as recommended by ECOsurfaces.
15. Damage to flooring products from pallet jack and tow-motor traffic.
16. Environments where the product will be exposed to animal fats, vegetable oils, grease or petroleum based materials. (i.e.: commercial kitchens or auto repair facilities).
17. Premature wear and deterioration from spikes and skate blade exposure.
18. Differences in color between products and photography.
19. Embossing/density deviations between product and samples, photography.

These warranties are in lieu of any other warranty expressed or implied. ECOsurfaces shall not be liable for any incidental or consequential damages which may result from a defect. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. These warranties give you specific rights, and you may also have rights which may vary from state to state. To know what your legal rights are in your state, consult your local or state Consumer Affairs Office or your State Attorney General.

For complete and latest warranty information for products within the ECOsurfaces collection, please see www.ecosurfaces.com.

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Questions and Answers for ECOguard

What is ECOguard? ECOguard is a water-based polymeric coating made exclusively for ECORE to preserve the beauty of ECOsurfaces floors. It is factory applied to ECOsurfaces sheet flooring products, (excluding ECONights for ESD and ECONights for Sport) to protect the floor from dirt and construction debris, significantly reducing initial cleaning and maintenance costs. A field applied coat of ECOguard is optional for all non-ECONights installations. This additional coat will provide a protective wear layer and add a final finish.

Is ECOguard environmentally friendly? Factory applied ECOguard has low VOCs and emits no Proposition 65 chemicals. ECOguard also meets the California Section 01350 protocol for use in schools and offices. In addition, no respirator masks are required during application of the ECOguard.

What is ECOguard's life expectancy? ECOguard is a long lasting, durable finish that will provide many years of service with normal use and foot traffic. Products finished with ECOguard will carry the same 5 year warranty currently offered on ECOsurfaces products. An extended wear warranty will not be offered. We estimate the initial factory finish, plus the additional field-applied coat to non-ECONights floors; will last 1-5 years depending upon use. As a general rule ECOguard should last 5 years in a residential environment, 2 years in a commercial environment and 1 year in an industrial environment.

Does ECOguard impact how ECOsurfaces products are installed? No. The seaming methods are the same for ECOsurfaces 3.2mm-6mm factory finished goods.

How is it maintained once installed? Initial cleaning can be performed with a neutral cleaner in conjunction with a buffer fitted with a soft nylon brush. Aggressive scrub pads will damage the surface sheen, and therefore are not recommended. Daily cleaning is best carried out with a neutral cleaner and a microfiber mop. Complete instructions on cleaning and maintenance are available for download at ecosurfaces.com.

How do you remove adhesive residue without damaging the ECOguard finish? A rag dampened with mineral spirits is the only acceptable solvent to use for removing adhesive residue. Other solvents such as acetone, xylene, denatured alcohol, and scrub pads will damage ECOguard's finish.

When is ECOguard available? ECOsurfaces products factory sealed with ECOguard are available immediately.

Will ECOguard be available on all thicknesses of ECOsurfaces? We can factory finish 3.2mm, 6mm and 8mm sheet products. For other ECORE products the ECOguard hand applied sealer may be used.

Is ECOguard UV stable? ECOguard does not change under long term UV exposure. Long term lab and exterior UV testing has shown positive results with minimal color change or discoloration.

Is ECOguard available in semi-gloss or gloss finishes? We will only be offering the matte finish for ECOguard from the factory as it provides the most natural look of ECOsurfaces. If additional gloss is required, an on-site finish application of a E-Finish may add the desired sheen.

Can ECOguard be removed or stripped from the floor? ECOguard is considered a permanent finish and will be difficult to remove from the floor. Detailed instructions including finishing, cleaning, stripping and re-coating are available for download at ecosurfaces.com.

Can ECOguard be re-used once the pail has been opened? Yes, simply stir the bucket thoroughly and re-use as needed, however once opened the material should be used within two weeks.