



ECOguard Clear Coat Sealer Instruction Manual

Description

ECOguard P-705 is a water based, clear polyurethane maintenance coat. ECOguard P-705 is formulated for interior applications and offers excellent environmental resistance to abrasion and impact, while offering an attractive matte finish.

Tools / Materials Required

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

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 P-705. ECOguard P-705 can be applied over the existing ECOguard P-700 factory applied finish after all construction debris and soil have been removed from the surface.

Precautionary Measures

- Suggested to allow ECOguard P-705 to cure for 48 hours before cleaning.
- Suggested to allow ECOguard P-705 to cure for 48 hours before rolling chairs and dollies.
- Suggested to allow ECOguard P-705 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 P-705.
- 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.

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. 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 P-705 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 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 P-705 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 P-705. 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 P-705 to cure for 48 hours before cleaning the surface.
- **NOTE: ECOShapes and tiles not previously coated at the factory must have one field coat applied before installing adjacent to previously coated EcoSurfaces. This will ensure an even match and layer over the entire surface. NOTE that an additional coat over the entire surface after install is required to blend both surfaces together.**

2. Application Over Existing ECOguard Factory Applied Sealer

- **Factory coated product should not require additional field coats. Should an additional coat be requested, one coat of the P-705 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 P-705. 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 P-705 when surface temperature is 65 degrees Fahrenheit or higher and maintained for 72 hours before and after installation.
- Apply one coating of ECOguard P-705 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.
- Allow ECOguard P-705 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 P-705. ECOguard P-705 can be applied over the existing ECOguard P-705 or P-700 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:** Manufactures 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 P-705 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 800-1000 sq. ft. per gallon over previously coated surfaces.
- Apply ECOguard P-705 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 P-705. Sealer will not harm the skin but is difficult to remove once it dries. Wash hands with soap and water after contact.
- Allow ECOguard P-705 to cure for 48 hours before cleaning the surface.

4. Removal / Stripping ECOguard Sealer

- ECOguard P-705 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 an approved stripper 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 P-705 please follow step 1.



Maintenance Instructions

Steps	TASKI Products	Dilute	Tools
Initial Cleaning	TASKI Profi	5-10 oz / Gal Water	Soft Nylon Brush or Microfiber Mop
Daily/Weekly Cleaning	TASKI Profi	5 oz / Gal Water	Soft Nylon Brush or Microfiber Mop
Heavy Soil	TASKI Profi	10 oz / Gal Water	Soft Nylon Brush or approved pad

EcoSurfaces Coated with ECOguard P-700 and P-705

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 a neutral pH detergent of 9 or below, such as ECORE's recommended TASKI Profi, 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 TASKI Profi 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 TASKI Profi or equivalent 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



ECORE International ECOguard Contact Listing

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Questions and Answers

What is ECOguard? ECOguard is a water-based, clear polyurethane maintenance coat 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 P-705 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 P-705 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 Johnson Diversey Taski product 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.