

ecore™

Athletic



Training Ground with Nike Grind TurfX Rolls

TECHNICAL MANUAL

Installation • Maintenance • Warranty

Manufactured in the U.S.A. by:

ecore

Revised 08/28/2017
Supersedes all previous versions.
Check website for updates.

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INSTALLATION

I. REQUIRED TOOLS AND MATERIALS

Tape Measure	Stiff bristle push broom
Chalk Line	Vacuum Cleaner
Straight edge	Carpet tractor
Utility knife	Cushion-back cutter
Marking tool	Carpet shears
100 lb. three section flooring roller	Row finder or awl

II. 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 with an appropriate cover. Kraft paper or plastic works well.
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.

III. SUBFLOORS

1. Ecore’s TurfX system may be installed over concrete and approved Portland-based patching and leveling materials, and wood.
NOTE: Gypsum-based patching and leveling compounds are not acceptable.
2. **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 TurfX. It must be fully cured and permanently dried.
3. **Wood Floors** – Wood subfloors should be double construction with a minimum thickness of one inch. The floor must be rigid and free from movement with well-ventilated air space below.
4. **Underlayments** – The preferred underlayment panel is American Plywood Association (APA) underlayment grade plywood, minimum thickness of ¼”, with a fully sanded face.
NOTE: Particleboard, chipboard, Masonite, and lauan are not considered to be suitable underlayments.

IV. 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 approved Portland-based patching compound.

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4. All saw cuts (control joints), cracks, indentations, and other non-moving joints in the concrete must be filled with an approved 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 E-Grip III 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, shot blast, 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.

6. Moisture must be measured using the RH Relative Humidity test method per the ASTM F2170 standard. Moisture content should not exceed 85% RH. If moisture content exceeds the limitations, the installation should not proceed until the situation has been corrected.
7. 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.
8. It is essential that pH tests be taken on all concrete floors. If the pH is greater than 9, it must be neutralized prior to beginning the installation.
9. 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.

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V. MATERIAL STORAGE AND HANDLING

1. Material should be delivered to the job site in its original, unopened packaging with all labels intact.
2. Roll material should always be stored laying down. Storing rubber on end will curl the edges, resulting in permanent memory of the material. All edges with memory curl must be straight edge cut before installation. Do not store rolls higher than 4 rolls or for more than six months. Material should only be stored on a clean, dry, smooth surface.
3. The material and adhesive must be acclimated at room temperature for a minimum of 48 hours before starting installation.
4. Roll material is stretched slightly during the manufacturing process. At the job site, the installer should unroll all rolls and allow too relax overnight. A bare minimum of two hours is required. Shaking the material once it is unrolled can help it to relax.

VI. INSTALLATION – SmashPad UNDERLAYMENT

1. Make the assumption that the walls you are butting against are not straight or square. Using a chalk line, and 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. Remove the SmashPad from the shrink wrap and unroll it onto the floor. Cut all rolls at the required length, including enough to allow for shrinkage during acclimation. A few inches is recommended.
3. After allowing proper acclimation and rough cuts are made, you may begin the installation.
4. Align the first edge to the chalk line.

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

5. Position the second roll with no more than a 1/8" overlap over the first roll at the seam. After adhesive is applied to substrate, the material will be worked back to eliminate the overlap. This procedure will leave tight seams and eliminate any gaps. Care should be taken to not over compress the seam. Over compressed seams will cause peaking.

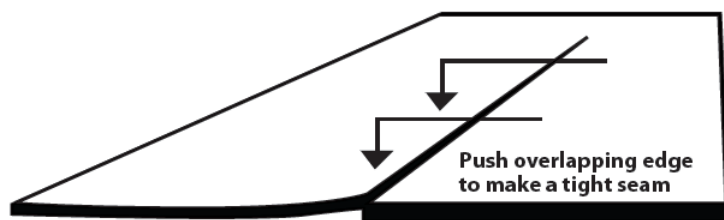


Diagram 2

Overlap 1/8"

INSTALLATION

6. It may be necessary to trim the edge of the second lineal drop if the rolls do not extend the length or width of the room or field area. Rolls laid end to end with a variance in roll width greater than ¼" could result in peaked seams.
7. Repeat for each consecutive sheet necessary to complete the area or those rolls that will be installed that day.

VII. FULLY ADHERING SmashPad UNDERLAYMENT—FULL SPREAD ADHESIVE

1. After performing the above procedures, begin the application of the adhesive. We recommend E-Grip III, a one-component moisture-cured polyurethane adhesive. E-Grip III should not be mixed. It is specially formulated for use right out of the pail.
2. Apply E-Grip III to the substrate using a 1/16" square- notched trowel. Approximate coverage over concrete or wood is 95 square foot per gallon.
3. Fold over the first drop along the wall (half the width of the roll).
4. Spread the adhesive using the proper size square-notched trowel. Take care not to spread more E-Grip III 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.

5. 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.
6. 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.
7. Fold over the second half of the first roll and half of the second roll. Spread the adhesive at right angles to the seam and then roll the flooring with a 100 pound flooring roller.
8. Continue the process for each consecutive drop. Work at a pace so that you are always folding material back into wet adhesive.
9. Hand roll all seams after the entire floor has been rolled.
10. In some instances, it may be necessary to weigh down the seam until the adhesive develops a firm set. Boxes of cove base or tile work well. Keep traffic off the floor for a minimum of 24 hours. Floor should be free from rolling loads for a minimum of 72 hours. Foot traffic and rolling loads can cause permanent indentations or debonding in the uncured adhesive.

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VIII. LAYING TURF IN PLACE

1. Turf rolls must either be run perpendicular to the base layer or have the seams offset by a minimum of 12 inches. Before placing any rolls onto the base, make sure to establish which direction the “grain” will run. (The “grain” is the direction to which the fibers will lay.) It is standard practice to have the grain leaning towards the most viewed vantage point. The turf always looks better when the fibers are pointing towards you than away from you.
2. That said, start at one end and set each roll into place (with proper grain direction), ensuring that each roll comes together creating their respective seam. The first goal in laying the turf is to get both rolls that will create the seam, as close as possible.
3. Once you have each roll laid out flat, you are now ready to cut your seam.

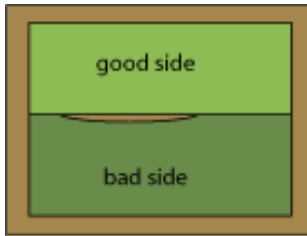
IX. CUTTING SEAMS

1. Typically, the foam back seams are cut from the top. Having a product with foam backing hides the channels normally seen from the back. Therefore you need to cut from the top.
2. To cut from the top you will need a couple of tools. The first tool you will need is a row finder (an awl or flathead screwdriver works well). Push the row finder forward to disturb the fibers and create a visual line for you to follow. (Pushing in one direction versus another gives you a better visual...so check before you start cutting.) Once you have pushed the row finder through the entire “channel”, take your cushion back cutter and cut your seam.
3. A good way to cut from the top is to run your row cutter a couple of times. Glide your cutter. Drop the blade and then cut.

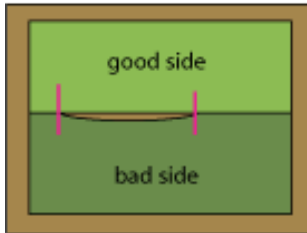
X. SETTING AND GLUING SEAMS

1. Once you cut all your seams, adjust each roll to make sure edges are sitting together properly. One side can touch the other however you don't want any overlapping edges or force the two edges together to the point where they will create an upside down “V”. Ideally you want to make sure the seam edges are no further than 1/8” apart.
2. Please note: The seam should look good prior to gluing. Run a seam roller or broom, to fluff and manipulate the fibers to give you a better sense as to how the seam will look
3. You might inevitably run into a situation where you might have a gap in some spots and an overlap in others. An overlap is better than a gap because you can trim the overlapping edge. If you find yourself in a situation where there is a gap in part of your seam, just take steps to create an overlap in that area. See diagram (next page)

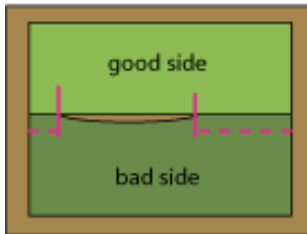
INSTALLATION



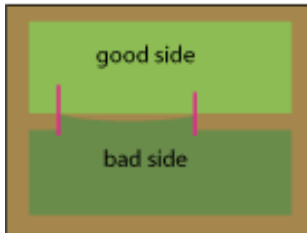
Should you find there is an unacceptable gap between the 2 seam edges. Establish a good side and a bad side.



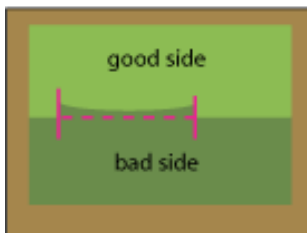
Create "unacceptable marks". To do this use sidewalk chalk to create lines, or marks, across the seam where the unacceptable gap(s) starts and ends. Go ahead flip your seam edge over and transfer those marks to the backing.



Create a "re-cut number". To create such a number...measure the width of the gap in approximate rows then add 4 rows to that number. For example, If your largest gap is approximately 2 rows...then your re-cut number is 6.



Take your "re-cut number" and count that many tufted rows in from the seam edge and recut. Start on one side and cut to the "unacceptable mark". Once at the mark, cut 90 degrees toward the seam edge to remove turf. Repeat process for opposite side of seam edge. At this point you have now created a "tab".



Pull the bad side to the good side and trim the overlapping "tab" you created.



You should now have a perfect seam...!

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XI. GLUING THE TURF TO THE SmashPad

1. After performing the above procedures, begin the application of the adhesive. We recommend E-Grip III, a one-component moisture-cured polyurethane adhesive. E-Grip III should not be mixed. It is specially formulated for use right out of the pail. Apply E-Grip III to the SmashPad using a 1/16 inch square-notched trowel. Approximate adhesive coverage of 70-75 square foot per gallon over the base mat.
2. A good way to lay the turf back down is to first study the “lay of the fibers” relative to the seam. Typically you will have one side of the seam where the fibers will lean away from the seam and the other side will want to lean in toward the seam. You want to install the side that has the fibers laying away from the seam first. Then lay the second side down. This will ensure that when laying the second side you don't trap or push any fibers into the glue.
3. Should you come across a scenario where both edges are leaning in toward the seam...it is best to lay both edges at the same time. Start at one end and work your way toward the other end bringing both edges together like a zipper.
4. Fold over the first drop along the wall (half the width of the roll).
5. Spread the adhesive using the proper size square-notched trowel. Take care not to spread more E-Grip III than can be covered with turf rolls 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.

6. Lay the turf into the wet adhesive. Do not allow the material to “flop” into place; this may cause air entrapment and bubbles beneath the flooring.
7. 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.
8. Fold over the second half of the first roll and half of the second roll. Spread the adhesive at right angles to the seam and then roll the flooring with a 100 pound flooring roller.
9. Continue the process for each consecutive drop. Work at a pace so that you are always folding material back into wet adhesive.
10. Hand roll all seams after the entire floor has been rolled.
11. In some instances, it may be necessary to weigh down the seam until the adhesive develops a firm set. Keep traffic off the floor for a minimum of 24 hours. Floor should be free from rolling loads for a minimum of 48-72 hours. Foot traffic and rolling loads can cause debonding in the uncured adhesive.

MAINTENANCE

The following procedures are key in helping to preserve your Turf.

I. CLEANING AND MAINTENANCE OF YOUR TURF

1. A Proper maintenance program is critical to preserve the appearance and extend the performance of your turf products. Our systematic cleaning program utilizes a combination of vacuuming and hot water extraction. The cleaning frequencies are scheduled on a daily, weekly, monthly, or longer cycle basis, and are determined by specific traffic routes in each facility.
2. VACUUMING
 - a. More than 80% of dry soil can be removed from the surface on a daily basis through vacuuming. Therefore, a proper vacuuming program is essential in maintaining commercial fiber surfaces and will reduce cleaning frequency required. Vacuuming not only removes soil, which can permanently damage the surface, it tends to lift crushed pile and restore the appearance.
 - b. The type of vacuum used is important. A heavy duty commercial grade vacuum with cylinder brush and bar is highly recommended and should be set so brushes are in contact with pile surface. This type of vacuum should have a firm brush and good suction. At least five passes are needed for adequate pickup. Make sure that the vacuum bag is emptied regularly to maintain suction. Check brushes and belts periodically and replace when worn.
 - c. Canister type machines, with wand and power driven brush, are generally not recommended. Although canister type machines are suitable for very low traffic areas, trash pickup, and hard to reach areas, they are ineffective for pile agitation.
3. CLEANING
 - a. Regardless of the quality of daily maintenance, periodic cleaning is essential to limit the buildup of soil that cannot be removed through vacuuming. Soiling is only visible on the top 1/3 of the fibers. Do not wait until the turf is visibly dirty before cleaning. Because dirt is very abrasive, waiting until the last minute to clean will shorten the life of your floor. Regularly scheduled soil extraction, along with spot cleaning, will extend the life cycle of your turf product.
 - b. There are many different types of cleaning systems on the market. The most effective for deep cleaning is the hot water extraction method, also known as steam cleaning. With this method, hot water, or hot water containing a detergent solution is forced into the pile by high pressure. The water, along with the soil, is then immediately extracted. These hot water extraction systems may be in the form of a portable unit or truck mount unit and should be operated by a knowledgeable fiber surface cleaning professional. While these units remove much of the water, the turf will be damp after cleaning.
 - c. For lightly soiled areas requiring only light cleaning, a rectangular microfiber mop with three (3) ounces of Ecore's E-Cleaner per gallon of water can be used. A wet vacuum can be used to remove excess water from the surface.
4. STAINS AND BLEMISHES
 - a. The first rule is promptness. It is always easier to clean up a fresh spill than one that has dried and hardened. Remove any solid or paste-like deposit with a spatula or table knife. Blot up excess liquids with paper towels, a clean cloth, or a dry absorbent, such as kitty litter or fuller's earth. Dry absorbents can then be vacuumed up afterwards.

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b. Synthetic fibers have high resistance to staining. However, it is important to realize they are only one part of a sophisticated system of various components designed for overall performance. Some cleaning agents which are safe for the face fibers, can be harmful to other components of the Turf system. Cleaning agents are grouped into **two sets**, one can be used in liberal amounts directly on the turf surface, and the second should only be applied by rubbing a cloth that is lightly soaked in the cleaner to minimize penetration of possible harmful agents below the turf surface. In the first group of cleaners, which generally can be applied without any special precautions, are the following.

1. The first group is a warm, mild solution of granular household detergent, or any low sudsing detergent for fine fabrics. Use approximately one teaspoon to one pint of water. This will handle most waterborne stains including:

Coffee	Cola	Tea	Blood
Ketchup	Milk	Ice Cream	Urine
Mustard	Cocoa	Butter	Dye
Fruit Juices	Vegetable Juices	Glue	Latex Paint

- a. A three (3) percent solution of ammonia in water may be used in lieu of household detergent for more stubborn stains.
 - b. Do not use cleaners that contain chlorine bleaches or caustic cleaners (ph above 9) or highly acidic cleanses (ph below 5). Use only neutral cleaners, such as Ecore's E-Cleaner.
 - c. Rinse area thoroughly with clean warm water to remove any traces of soap or ammonia.
 - d. Blot up or wet vacuum excessive liquid.
2. The second group of cleaners, where agent must be applied sparingly and care taken to avoid penetration beneath the turf are Mineral spirits or a grease spot remover like perchlorethylene (dry cleaning solution) of the type sold by most variety stores and supermarkets. In general, cleansers in this category should handle most oil-based stains including:

Asphalt	Motor oil & grease	Chewing gum	Lipstick
Tar	Suntan oil	Crayon	Nail polish
Shoe polish	Cooking oil	Ballpoint ink	Floor wax

Caution: Mineral spirits and other petroleum based solvents are flammable. Do not smoke or permit open flames near where these are being used.

- a. Be sure the area is well ventilated where solvent cleaners are used and remember to use sparingly.
5. Animal waste - Neutralize with mixture of white distilled vinegar in an equal amount of water. Flush thoroughly with water after application. Vacuum up excess solution with a wet vacuum.
 6. Chewing gum - In addition to dry cleaning fluid, chewing gum can be removed by freezing. Aerosol packs of refrigerant are available from most carpet cleaning suppliers for this purpose, dry ice can be used. After freezing, scrape with a knife.
 7. Fungus or mold spots - A one (1) percent solution of hydrogen peroxide in water can be sponged on to the affected area. Flush thoroughly with clean water after application.

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II. Periodic brushing and vacuuming

1. Matting of fibers may occur in areas of high foot traffic, especially if fibers have become soiled with dirt and other airborne pollutants. A high suction vacuum with beater bar brush may be used to clean and maintain overall turf appearance.
2. Periodic “cross brushing” of the Turf can help restore its aesthetic appearance. “Cross brushing” means all brushing activity takes place against the grain, nap, or sweep of the Turf fibers. By brushing against the Turf, the fibers are “fluffed up”. A brush with synthetic bristles should be used. Never use a brush with metal or wire bristles as these will change the turf fibers.

III. Do not abuse

1. Although your Turf is made of tough, durable fibers, certain precautions should be taken to prevent damage to the Turf.
2. Lighted cigarettes cannot ignite the Turf, but they can damage the Turf by fusing the tips of the fibers together.
3. Furniture and equipment with sharp or jagged edges should not be placed on Turf as this may puncture or tear the Turf.
4. Water from sprinkler systems or hard water areas can leave mineral deposits on Turf that may cause discoloration.
5. Make sure Turf is not exposed to reflected sunlight windows as this may fuse the Turf fibers together.

IV. Report any minor problem

1. Minor problems can become major problems quickly if not corrected. Any problem should be reported promptly to your Turf dealer.

V. Conclusion

1. Proper care and maintenance program can enhance the aging, usefulness, and aesthetics of your Turf.

WARRANTY

All Ecore TurfX flooring and underlayment is guaranteed 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 10 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.

Ecore TurfX warranty shall not cover dissatisfaction due to improper installation, normal wear, 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.

I. Items Under Warranty:

1. Subject to the terms and conditions set forth herein, manufacturer warrants to purchaser that the products will maintain their UV stability and tensile strength under normal conditions during the applicable warranty period, as set forth in Exhibit A. For purposes of this warranty, a product shall be deemed to have maintained its UV stability and tensile strength if the original tensile strength and pile height of the product does not decrease by more than fifty percent as a result of ultraviolet degradation within the applicable warranty period.
2. Ecore warrants that TurfX product will not wear more than 50% of its surface pile height from normal abrasive wear for 10 years from the date of installation. Abrasive wear is meant fiber loss from the wear layer through normal abrasion, not crushing or flattening of the fiber surface pile, or abnormal usage of the fiber surface.

II. Limitations – This warranty does not include:

1. Disfigurement or damage caused by abnormal use or any damage to the TurfX not arising from a defect to Ecore product. For example, the warranty does not cover tears, burns, cuts, installation on stairs, or damage in transit.
2. Differential fading due to light exposure, shading, pile crush, dye lot differences, and soiling.
3. Any condition that would have had a visible defect upon inspection prior to installation.
4. Damage to TurfX from any use for which the product was not designed.
5. The exact matching of shade or color.
6. Any express or implied promise made by any salesman or representative.
7. Tears, burns, cuts, or damage due to improper installation, improper use, or improper cleaning agents or maintenance methods.
8. Labor costs for installation of original or replacement material.
9. Sale of "remnants", "seconds", "off goods" or other irregular (non-first-quality) flooring materials. With respect to "seconds", "off goods", or "remnants", such are sold "as is," and Ecore makes no warranties whatsoever, express or implied with respect thereto, including warranties of merchantability or fitness for a particular purpose.
10. Problems caused by moisture, hydrostatic pressure, or alkali in the sub-floor.
11. Problems caused by uses, maintenance, and installation that are contrary to Ecore specifications, recommendations, or instructions.
12. Material installed outdoors.
13. Material installed with obvious defects.
14. Material that is not installed and maintained as recommended by Ecore.
15. Damage to flooring products from pallet jack and tow-motor or vehicular 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 or natural grass cleats.
18. Differences in color between products and photography.

III. Obligations of Owner

1. The Owner must submit notice of all claims under this limited warranty to Ecore within the specified warranty period.
2. Claims must be submitted in writing and delivered to:
3. Ecore
 Attention: Claims
 715 Fountain Avenue
 Lancaster, PA 17601
4. All areas in which flooring is to be replaced under the terms of this limited warranty must be cleared of all equipment, furnishings, partitions, and the like that have been installed over the flooring subsequent to the original product installation, at the owners expense.

I. Warranty Remedies

1. After receipt of proper written notice of the claim, Ecore will designate a representative to inspect that product with the owner’s representative, and Ecore will meet all warranty obligations.
2. Subject to any monetary adjustment, as may be agreed to upon in writing by Ecore, and subject to the above warranty limitations and owner obligation, Ecore shall repair or, in its sole discretion, replace any designated products. These products must contain a defect covered by the above limited warranty, and will be covered at no expense to the owner, excluding labor.
3. Manufacturer shall provide product for the repair or replacement to purchaser at a pro-rated cost based upon the usable period of the product as set forth in Exhibit A. Products which have been repaired or replaced by manufacturer shall have a remaining warranty of the balance of the original warranty period.
4. Any replacement will be made with a comparable product selected by Ecore from the then-current Ecore running line. However, Ecore’s obligation shall not include the reimbursing of any indirect costs or consequential damages incurred. By way of example, and not limitation, damages arising from interruption of use of the spaces affected, nor expenses in removing furniture from the affected area will be included in our obligation.

These warranties are in lieu of any other warranty expressed or implied. Ecore 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 the legal rights in your state, consult your local or state Consumer Affairs Office or your State Attorney General. For latest warranty information on products within the Ecore collection, please visit our website at www.ecoreathletic.com

EXIBIT A: Applicable Warranty Period

TurfX Warranty Period 10 Years	Prorated Material Value Less 1/9 per annum from date of installation
Number of months remaining in the unexpired portion of warranty period divided by the total number of months in warranty period, and multiplied by the purchase value of the affected area.	



866-795-2732 – www.ecoreathletic.com

Manufactured in the U.S.A. by:

The ecore logo, consisting of the word "ecore" in a lowercase, blue, sans-serif font.

715 Fountain Ave – Lancaster, PA 17601

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