



Nada Rx

TECHNICAL MANUAL

Installation · Maintenance · Warranty

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Supersedes all previous versions.
Check website for updates and
current version.

Installation

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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 with an appropriate cover.
2. Areas to receive flooring should be weather tight and maintained at a minimum uniform temperature of between 65°F to 80°F (18°C to 30°C) and a relative humidity of between 25% and 65%, for 72 hours before, during, and after the installation.

II. SUBFLOORS

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

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.

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

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 lauan are not considered to be 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 flooring. Concrete must be fully cured and permanently dry.
5. Radiant heat – Nada 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 a Portland-based patching compound.
4. All saw cuts (control joints), cracks, indentations, and other non-moving joints in the concrete must be filled with a 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 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

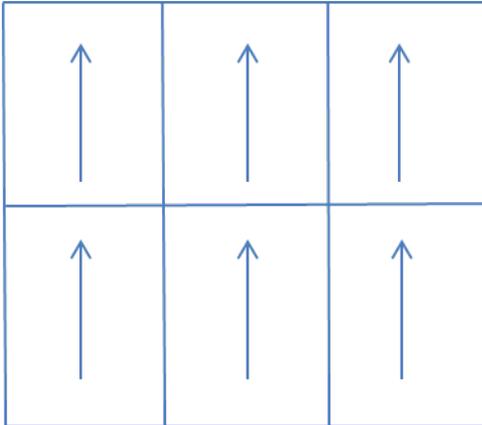
If RH levels exceed the selected adhesive’s RH limit, stop and correct situation.

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 ECOsurfaces 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 between 60°F and 80°F (18°C - 30°C) and between 25% and 65% relative humidity.
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 Nada Rx should be stored standing up. Storing Nada Rx rolls on their side will result in welting.**
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. **Adjacent Nada Rx rows must be laid in roll number order and in the same direction to avoid shade variations between the rolls. Laying rolls in different directions can cause visual variations between the rolls. See drawing below:**



7. Lay the rolls to provide as few seams as possible with economical use of materials. All rolls being installed on a given day must be unrolled the day before and allowed to relax overnight.

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

IV. INSTALLATION

1. Assume 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. Remove flooring from shrink wrap and unroll onto floor. Lay material on floor to use your cuts efficiently. Cut all rolls at required length, including enough to run up wall a couple inches.
3. If end seams are necessary, stagger on the floor and overlap them approx. 2". Trim end seams after acclimation period using a square for tight fit 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 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.
7. Repeat for each consecutive sheet necessary to complete area or rolls that will be installed that day.

V. INSTALLATION – Adhesive Application

1. After performing the above procedures, begin adhesive application. We recommend ES-90, a one-component moisture-cured polyurethane adhesive. ES-90 should not be mixed. It is formulated for use right out of the pail. Apply ES-90 to the substrate using a 1/16" square-notched trowel.
2. Fold over first drop along the wall (half the width of the roll). **Rolls are 57" wide.** When roll is folded over, this will leave an exposed area of substrate that is approx. **28-1/2" wide.**
3. 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. We strongly suggest wearing gloves while using ES-90. 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. Taking roll sizes into account, this will provide an exposed area of substrate of 57” wide. Spread the adhesive, roll the flooring, and repeat for each consecutive drop.
7. Continue the process for each consecutive drop. Work at a pace so that you are always folding material back into wet adhesive bed.
NOTE: Never leave adhesive ridges or puddles. They will telegraph through the material.
8. Hand roll all seams after the entire floor has been rolled.
9. In some instances, it may be necessary to weigh down the seams, especially the end seams, until the adhesive develops a firm set.
10. Keep traffic off the floor for a minimum of 24 hours.
11. After rolling, keep all foot traffic off the floor for a minimum of 24 hours, heavy loads for 48 hours 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. The Nada weld rod is 4mm in diameter.
2. Groove seams with a 3.5mm groover blade. Groove only to 2/3 depth of the surface (top) layer. **DO NOT GROOVE THROUGH TO THE RUBBER BASE LAYER.**
3. Heat weld all seams with Nada weld rod.
4. **Allow weld to cool 15 minutes** and skive first pass with Mozart Skive Knife
5. **After 1 hour**, final skive with Mozart Skive Knife without skid plate.

VII. INSTALLATION – Flash Cove (use 5mm Underlayment)

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

1. Remove the Nada 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.
NOTE: it is very important that the first seam is perfectly straight.
4. 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.
5. Repeat for each consecutive sheet necessary to complete the area or those rolls that will be installed that day.

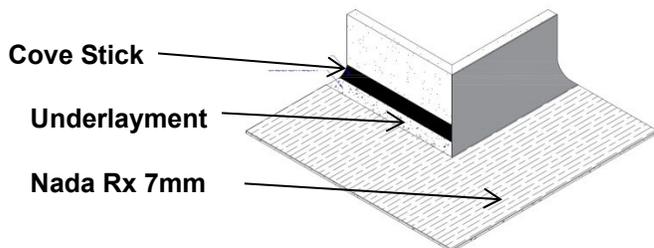
6. After the rolls are rough fitted for the room, strike chalk lines 4" from the walls for flash coving.
7. Where the outline for the seam is marked, make square cut with a fixed straight blade utility knife to prepare the edge for the picture frame flash cove installation.
8. Prepare the **5mm** rubber underlayment 4" wide strip to be installed between the wall and the prepared edge of the backed 7mm Nada Rx.
9. 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.

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. We strongly suggest wearing gloves while using adhesive. Immediately wipe off excess adhesive with a rag slightly dampened with mineral spirits or denatured alcohol. Follow with a rag dampened with water.

10. Fold over the first drop along the wall (half the width of the roll). Remove the 5mm rubber underlayment and set aside. Rolls are 58" wide and 30 feet long. When roll is folded over this will leave an exposed area of substrate that is 29" wide and 30 feet long.
11. 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.
12. Lay the flooring and 4" wide 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.
13. 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.
14. 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 58" wide and 30 feet in length per roll. Spread the adhesive, roll the flooring, and repeat for each consecutive drop.
15. In some instances, it may be necessary to weigh down the seams, especially the end seams, until the adhesive develops a firm set.
16. Roll the **5mm** rubber underlayment into the adhesive and thoroughly roll with a hand roller.
17. 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.
18. **Let the adhesive cure for several hours before flash coving.**
19. Install cap strip.
20. Vacuum the wall 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 E-Flash Tape.
21. 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
22. Apply 3-3/4" E-Flash Tape on the wall / vertical surface, from the **5mm** Rubber underlayment edge to where the finished cap edge will stop.
 - a. **Do not overlap the tape.**

- b. Avoid trapping air during placement.
 - c. Trim off excess tape with utility knife
23. Using a 1-1/4" cove stick for the radius, cut the miter for the outside and inside corners. Using the cove stick, score and remove release liner from the wall and floor, and place and adhere the cove stick.
 24. Measure from the 7mm Nada Rx cut edge to the top of the cap strip following the radius for the picture frame 2mm flash cove area. Strip a length of 2mm material as needed, the width of the fill piece for the perimeter coved areas, making mitered inside and outside corners.



25. Try-fit the 2mm unbacked Nada Rx material.
26. Peel back enough of the release liner on wall and floor to install the 2mm unbacked Nada material.
27. Begin to place the 2mm material and press into place. Take care to place flooring in proper position because of extreme difficulty of repositioning flooring materials once bonded to the E-Flash Tape.
28. Pull back additional release liner as you go and continue to place flooring.
29. Heat-weld all seams and inside and outside corners with manufacturer's welding rod.
30. Apply solution of 1-part mild dish soap to 10-parts water to a 2" wide area of the welded seam.
31. Immediately skive first pass with Mozart Skive Knife using 0.7mm skid plate.
32. Immediately reapply soapy liquid and final skive with Mozart Skive Knife without skid plate.
33. Hand roll all seams after the entire floor has been rolled.
34. Keep all foot traffic off floor for a min. of 24 hours, heavy loads for 48 hrs. and free from rolling loads for a min. of 72 hours or risk causing permanent indentations or debonding in the uncured adhesive.

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

1. Remove the 7mm Nada 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 approx..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.
NOTE: it is very important that the first seam is perfectly straight.
4. 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.
5. Repeat for each consecutive sheet necessary to complete the area or those rolls that will be installed that day.
6. After the rolls are rough fitted for the room, strike chalk lines 2" from the walls for Sanitary Base.
7. Where the chalk outline for the seam is marked, make square cut with a fixed, straight blade utility knife to prepare the 7mm Nada Rx edge for the picture frame Sanitary Base installation. This allows the 2" space needed for the Sanitary Base to fit between the 7mm Nada Rx material and the walls.
8. Prepare the **4mm** x 2" rubber base layer strip to be installed between the wall and the prepared edge of the 7mm Nada Rx.
9. 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.

10. Remove the **4mm** x 2" rubber base layer and set aside. Fold over the first 7mm Nada Rx drop along the wall (half the width of the roll). Rolls are 57" wide and 30 feet long. When roll is folded over, this will leave an exposed area of substrate that is approx. 28-1/2" wide and 30 feet long.
11. 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. We strongly suggest wearing gloves. Immediately wipe off excess adhesive from floor with a rag slightly dampened with mineral spirits or denatured alcohol. Follow with a rag dampened with water.

NOTE: Use mineral spirits/ denatured alcohol sparingly.

12. Lay the flooring and rubber base layer into the wet adhesive. Do not allow the sheet material to "flop" into place; this may cause air entrapment and bubbles beneath the flooring.
13. 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.
14. 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 57" wide and 30 feet in length per roll. Spread the adhesive, roll the flooring, and repeat for each consecutive drop.
15. In some instances, it may be necessary to weigh down the seams, especially the end seams, until the adhesive develops a firm set.
16. Roll the **4mm** x 2" rubber base layer into the adhesive and thoroughly roll with a hand roller.
17. Continue the process for each consecutive drop and 2" rubber base layer. Work at a pace so that you are always folding material back into wet adhesive bed.
18. Let the adhesive cure for several hours before installing Sanitary Base.
19. 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.
20. 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.
21. Leaving the release liner on the sides of the roll, apply 3-3/4" E-Flash Tape directly to the wall (1/8 inch up from the floor), pressing firmly into place.
22. **Cut the 3-3/4" E-Flash Tape down to 2"** and install 2" of E-Flash Tape to the top of the underlayment, tight to the intersection between the wall and floor, pressing firmly into place. Roll all tape with a hand roller before removing release liner and before installing the Sanitary Base.
23. Dry cut the Sanitary Base to size, mitering as required, and ensure a tight fit at all seams. Remove the release liner from the 2-inch E-Flash Tape and firmly press the sanitary base into the tape, keeping it tight to the flooring.
24. Remove the release liner from the E-Flash Tape and firmly press Sanitary Base against wall.
25. Roll Sanitary Base with a hand roller to ensure a good bond.
26. Groove all seams with a hand groover; **DO NOT GROOVE THROUGH TO THE UNDERLAYMENT**
27. **Heat weld the flat seams and Cold weld the 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

28. Heat weld the horizontal seams.
29. Immediately skive first pass with Mozart Skive Knife.
30. Immediately reapply soapy liquid and final skive with Mozart Skive Knife without skid plate.
31. 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.
32. Hand roll all seams after the entire floor has been rolled.
33. Keep traffic off the floor for a minimum of 24 hours, heavy loads for 48 hours and free from rolling loads for a 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 from construction damage and debris until construction is complete.
- Assign the appropriate party responsibility for initial cleaning of floor following published procedures.

ECOsurfaces 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 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 floor. ECOsurfaces does not recommend equipment with rubber feet or rubber-backed mats on Nada Rx

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

NOTE: Chair mats are recommended. The absence of the chair mats is considered abuse.

Maintenance

Initial Cleaning:

1. Thoroughly sweep or vacuum to remove dirt and grit.
2. Remove dried adhesive or tape residue with a clean, white cotton cloth dampened with mineral spirits or denatured alcohol. **Carefully follow warnings and instructions on container!** Stubborn residue may require the use of a plastic putty knife with a rounded edge, used with the rag dampened with mineral spirits/ denatured alcohol, to remove the residue methodically and carefully. Use damp **microfiber mop**, Red scrubber pad on a low-speed scrubber (175-350 RPMs), or auto scrubber with E-Cleaner diluted per table below.
3. Vacuum up soiled solution and clean water rinse with microfiber mop.

Regular Maintenance

1. Thoroughly sweep or vacuum daily to remove dust and dirt. If necessary, clean with a **microfiber mop** and E-Cleaner diluted per table below.
2. Let floor dry completely before allowing traffic.
3. **NEVER use Black or Brown pad or stiff-bristled brushes.**
4. You may use white scuff removal pad after cleaning. Saturate (machine or hand) pad with water or E-Cleaner diluted per table below. Continuously lube scuffed areas with either water or mixed E-Cleaner during scuff removal. Scrubber **MUST** be low RPMs (175-350 RPMs) to avoid damage to floor.

Periodic and Heavily Soiled Areas:

1. Thoroughly sweep or vacuum dirt and grit.
2. Use a mix of E-Cleaner diluted per table below.
3. With E-Cleaner solution still wet, scrub floor with 175 - 350 rpm low speed scrubber and **red pad** or **soft nylon brush**. Do not dry scrub floor. **NEVER use brown or black pad or stiff-bristled brushes.**
4. Pick up solution with wet vac.
5. Rinse with clean, cool water using microfiber mop and pick up solution with wet vac.
6. Allow floor to completely air dry.

Spray Buffing:

1. Superficial scratches, scuffs and surface marks may require occasional spray buffing. Use a quality Cleaner/Maintainer mixed in the recommended ratio as directed by manufacturer after thoroughly cleaning floor and it is dry. Always use a **3M White pad** on a low (175 – 350) rpm machine. Turn pad over regularly to avoid pad build up. Methodically and constantly work in left to right motion after area has been misted with spray buff solution. Never allow machine to stand while running; keep the machine moving for uniform appearance.

Enhanced Protection: E-Finish Floor Finish

1. Scrub floor as directed under “Initial Cleaning” above.
2. Thoroughly rinse the floor with clean warm water and allow to completely air dry.
3. Apply 2 coats of E-Finish to reduce scuffing and marking. Use microfiber mop.
4. Apply second coat perpendicular to first coat.
5. Allow to dry 1-2 hours between coats.

NOTE: Frequent use of disinfectants in Operating Rooms will make the use of floor finish impractical.

NOTE: DO NOT USE PHENOLIC OR QUATERNARY DISINFECTANTS without completely and fully rinsing after use. If not, the quaternary residue will yellow over time, start building up, become sticky and eventually discolor the actual flooring.

NOTE: NEVER use brown or black pad or stiff-bristled brushes.

NOTE: Never use melamine pads (“magic erasers”). These pads are deceptively abrasive and can remove the coating.

Steps	Green Products	Dilution	Diluted Coverage	Pads & Brushes
Initial Cleaning	E-Cleaner	10 oz./gal. water	2,000 sq. ft./gal.	Microfiber mop, soft nylon brush or 3M 5100 Red pad or equal
Daily Cleaning	E-Cleaner	3 oz./gal. Water	6,000 sq. ft./gal.	Microfiber mop, soft nylon brush or 3M 5100 Red pad or equal
Heavy Soiled Areas	E-Cleaner	10 oz./gal. water	2,000 sq. ft./ gal.	Soft nylon brush or 3M 5100 Red pad or equal
Enhanced Protection Acrylic Sealer	E-Finish	Do not dilute	1,500 sq. ft./ gal.	Microfiber mop

General Precautions

1. Protect flooring from chairs, tables, wheels, and other furniture damage with suitable protective feet.
2. High point loads, including Stiletto or high-heeled footwear traffic, can permanently damage flooring.
3. Protect floor from direct sunlight with drapes or blinds; exposure to temperatures over 100°F (38 °C) may result in dimensional variation, indentation, and color fading. Protect during peak sunlight hours.
4. Protect floor from dirt and grit abrasion. Use walk-off mats or effective barrier matting systems.
5. Only use non-staining mats. Rubber and latex-backed mats, and tires may stain damage floor's surface.
6. Certain materials will stain the flooring, including lipstick, solvent-type fluid, paste waxes, asphalt paving rub-off, rubber matting, rug padding and paint pigmentation rub-off from exterior concrete steps and porches. Flooring must be adequately protected from contact with such materials since in many cases the stains are difficult or impossible to remove (suitable walk-off mats are recommended).
7. Stiletto or high-heeled footwear traffic may visibly damage resilient flooring.

Warranty

ECOsurfaces warrants that the Nada Rx flooring will 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.

Warranty shall not cover dissatisfaction due to improper installation, normal wear or quality of installation expected from the use or environment of 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 ECOsurfaces, 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 – Warranty does not apply to the following.

1. The exact matching of shade, color, or mottling.
2. Any express or implied promise made by any salesperson 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, tables, or other furniture without proper floor protectors. Chair mats may be required under chairs with casters/wheels.
5. Labor costs for installation of original or replacement material.
6. "Remnants," "seconds," "sub standards," "irregulars," or "off goods" which are sold by ECOsurfaces strictly on an "as is" basis.
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, rubber backed mats, or car tires.
12. Installation of 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 from pallet jack and tow-motor traffic.
16. Exposure 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 skate blade exposure.

18. Differences in color between products and photography.
19. Embossing/density deviations between product and samples, photography.

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 the legal rights in your state, consult your local or state Consumer Affairs Office or your State Attorney General. For the latest warranty information, please see www.ecosurfaces.com.



833-888-1760 – www.ecosurfaces.com

Manufactured in the U.S.A.

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