QUIETLOK DRYBACK 2.5 INSTALLATION INSTRUCTIONS

INTRODUCTION:

- QuietLok Dryback 2.5 is a high-performance (glue-down) flooring product designed for permanent installations using the full-spread professional installation method applied with an appropriate Prevail adhesive.
- This document will provide you with information to help you assess the jobsite conditions, select quality subfloor preparation materials, and ensure that your work is completed to the highest of standards. Good preparation, communication between all parties, and attention to detail when following instructions are key to a successful installation.
- This document provides information and guidance based on years of collective experience and best industry practices. This product should only be installed by professional flooring mechanics who have demonstrated successful installations of jobs of similar size and scope. For the most secure warranty protection, this flooring should be installed in strict accordance with the information and procedures outlined in this document. It is highly recommended that you review this document entirely before starting the flooring installation.
- It is important to avoid problems from the outset. If you are unsure of any information provided in this document or are having a problem with your installation, please stop your work and contact Customer Service for additional guidance.

General Information

The key to a successful and trouble-free installation is thorough preparation. Do not install this flooring without first performing a thorough on-site evaluation (including jobsite testing), ensuring that subfloor preparations are finished and that the work of all other trades has been completed. Site conditions must comply with the information provided within this document, with the requirements detailed in ASTM F710, "How to Prepare Concrete Substrates to Receive Resilient Flooring," as well as relevant building codes and local, state, and national regulations. Note: It is highly recommended to have substrate moisture and PH testing conducted by a certified ICRI (International Concrete Repair Institute) Tier 2 technician. Documentation of moisture and pH test results may be required when submitting Aspecta claims.

- Dryback 2.5 is available in different sizes and formats. Note: Be aware that some products are square edge and some are micro-beveled. Mixing different edge treatments together will require hand beveling of the square edge material.
- This flooring is intended for interior use only and is suitable for above-grade, on-grade, and below-grade applications. However, it should not be installed in locations where the substrate beneath the building structure is exposed to the elements.

INTRODUCTION (CONT):

General Information (Cont)

- This flooring is not recommended for exterior installations or for use in areas that are not climate-controlled.
- This flooring is recommended for use over properly prepared concrete, suspended wood, metal, and other suitable substrates.
- Acclimate flooring, adhesives, and the jobsite: only install this in climate-controlled structures consistently maintained at temperatures between 65°-85°F (18°-29°C) and 35%-85% RH a minimum of 48 hours before, all times during, and continuously after installation.
- Protect the flooring from foot traffic for 24 hours after installation. Do not wash the floor for five days after installation.

Jobsite Inspection and Testing

Prior to installation, plan and attend an on-site construction meeting with the General Contractor, Architect, and Property Owner to review all requirements and inspect site conditions as outlined in this document, as well as those outlined in ASTM F710, and any relevant building codes and local, state, or national regulations. Flooring installation should not begin until all site conditions have been assessed, testing has been completed, the subfloor has been prepared, and all conditions are in compliance. Defects should be addressed immediately and corrected before installing the flooring. Installation of material constitutes acceptance of all conditions.

1. The building must be completely sealed before jobsite testing can begin (ASTM F710). This includes: windows, doors, roofing, walls, etc.
2. Interior environmental conditions must be maintained at 65°-85°F (18°-29°C) and 35%-85% RH a minimum of 48 hours before testing and at all times during testing (ASTM F710).
3. Plan, prepare, and protect the substrate moisture test sites for the duration of the testing in order to achieve valid results.
4. Subfloor flatness for all substrates shall not exceed 3/16” in 10 ft. (3.9mm in 3m).

INTRODUCTION (CONT):

Material Receiving, Handling, and Storage

1. Upon receipt, immediately remove any shrink-wrap and check the material for damage and that the material is of the correct style, color, quantity, and run number(s).
2. Immediately report any discrepancies.
3. General Storage: Store all materials flat and off of the floor in an acclimatized, weather-tight space between 65°-85°F (18°-29° C). Do not double-stack pallets.
4. Jobsite: Acclimate the material and Prevail adhesives in the acclimatized jobsite between 65°-85°F (18°-29°C) and 35%-85% RH for 48 hours prior, all times during, and maintain temperature continuously after installation. Spread unopened cartons no more than six cartons high and at least 4" apart. Keep away from heating and cooling ducts and direct sunlight. If permanent HVAC is not yet operational, temporary means should be used to maintain the noted temperature and RH.

Subfloor Preparation

This flooring can be installed on wood, concrete, terrazzo, stone, and many other properly prepared subfloors, including in-floor heating. One key factor to ensuring an excellent, finished appearance of the floor is careful subfloor preparation. The information provided in this document includes general recommendations on how to prepare various types of subfloors. The selection of all materials, including: moisture-mitigation systems, self-leveling compounds, floor patch products, wood underlayments, and any other ancillary products are dependent upon existing conditions. The application of subfloor preparation materials must be in strict accordance with the manufacturer's instructions. All warranties and guarantees pertaining to the suitability and performance of any preparation or ancillary product rest with that material manufacturer or the Flooring Contractor and NOT with QuietLok. The condition of the subfloor and bond issues resulting from the use of non-recommended, improper, or incorrectly prepared adhesives, sealers, embossing levelers, patches, concrete, gypsum-based products, and other such items are the sole responsibility of the Flooring Contractor, General Contractor, and/or manufacturer of the particular sub-flooring product.

We recommend both ARDEX and SCHÖNOX subfloor preparation materials for use with the flooring and Prevail adhesives. Prevail adhesives have been tested for compatibility and performance and must be used with the following subfloor preparation products.

INTRODUCTION (CONT):

Subfloor Preparation (Cont)

- ARDEX
  - ARDEX K 15® - Premium Self-Leveling Underlayment
  - ARDEX V 1200™ - Self-Leveling Flooring Underlayment
  - ARDEX FEATHER FINISH® - Self-Drying, Cement-Based Finishing Underlayment
  - ARDEX FORTI FINISH™ - Self-Drying, Reinforced, Cement-Based Finishing Underlayment
  - ARDEX MC RAPID™ - One-Coat Moisture-Control System For Concrete to Receive ARDEX Underlayments
- SCHÖNOX
  - SCHÖNOX AP – Synthetic Gypsum-Based, Self-Leveling Compound
  - SCHÖNOX APF – Synthetic Gypsum-Based, Fiber-reinforced, Self-leveling Compound
  - SCHÖNOX ZM – Cement-Based, Self-Leveling Compound
  - SCHÖNOX ZM RAPID – Rapid-Setting, Self-Leveling Compound
  - SCHÖNOX US – Cement-Based, Self-Leveling Compound
  - SCHÖNOX EPA – Two-Part, Epoxy-Based, Moisture-Mitigation System
- Please contact these vendors for any questions regarding the application and warranty information of their products:
  - ARDEX TECHNICAL SUPPORT:
    ARDEX Americas | 400 Ardex Park Drive | Aliquippa, PA 15001 | Toll-Free Phone: (888) 512-7339
    Phone: (724) 203-5000 | Fax: (724) 203-5001 | Email: info@ardexamericas.com
  - SCHÖNOX TECHNICAL SUPPORT:
    HPS North America | 511 Wilhite Street | Florence, AL 35630 | Toll-Free Phone: (855) 391-2649
    Phone: (256) 246-0345 | Fax: (256) 246-0346 | Email: info@hpsubfloors.com

INTRODUCTION (CONT):

Concrete Subfloors

- General Conditions
  - All concrete floors, regardless of age or grade level, must be properly cured, free of excess moisture, and prepared in accordance with the most current version of ASTM F710 (Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring). Below and on-grade concrete subfloors must have a suitable vapor retarder properly installed beneath the slab (ASTM E1745). The surface of concrete floors to receive resilient flooring shall be dry, clean, smooth, and structurally sound. They shall be free of dust, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, film-forming curing compounds, silicate penetrating curing compounds, sealing, hardening, or parting compounds, alkaline salts, excessive carbonation or laitance, mold, mildew, and other foreign materials that might affect the rate of moisture dissipation from the concrete, the adhesion of resilient flooring to the concrete, or cause a discoloration of the flooring from below (ACI 302.1 and ASTM F710). Non-chemical methods for removal, such as scraping, abrasive cleaning, or bead-blasting, including methods described in ASTM D4259 (Standard Practice For Abrading Concrete), may be used on existing slabs with deleterious residues. In all cases, the subfloor must meet the moisture and pH requirements prior to installation.
  - Concrete Subfloors Containing Coal Fly Ash:
    - Fly ash is routinely used in cement in LEED-certified projects. No doubt, it will continue to grow in popularity as LEED points become the norm in commercial construction. Fly ash contains silicon dioxide and calcium oxide. Silicon is difficult to bond to, and calcium oxide is a caustic, alkaline by-product which plays havoc on flooring adhesives. Installing floors on concrete substrates containing coal fly ash can be problematic and, therefore, may require aggressive scarification or shot blasting prior to installation of flooring materials. Perform a bond test prior to the installation of the flooring. Refer to the manufacturer's instructions for such subfloor preparation products for guidance regarding the proper use of their products.

INTRODUCTION (CONT):

Concrete Subfloors (Cont)

- General Conditions (Cont)
  - Moisture and Alkalinity:
    - Perform either the In-Situ Relative Humidity (RH) test (ASTM F2170) or Moisture Vapor Emission Rate (MVER) test (ASTM F1869) in strict accordance to the most current version. Test surface alkalinity per ASTM F710. Refer to the "Prevail Adhesives" section for acceptable moisture and pH ranges. Follow the Prevail adhesive instructions located on the product label, or refer to the Prevail Adhesives chart included in this document for further information. If test results exceed recommended adhesive tolerances for moisture, then the area must be allowed to further dry to an acceptable level or remediated using a moisture-mitigation system before installation. (Note: see "Moisture Mitigation" section). Concrete floors should be tested for pH following the procedures outline in the most current version of ASTM F710. Rinsing and vacuuming with clean, potable water is the best way to lower surface pH, but it will not prevent future issues. Do not acid-rinse concrete floors to neutralize pH. Some moisture-mitigation systems are designed to control pH. Electronic meter testing is not considered a replacement for a Calcium Chloride Test or Relative Humidity Test.
  - ATTENTION: Mold and mildew grow only in the presence of moisture. Jobsite mold and moisture issues must be addressed and corrected prior to installation. Please visit www.epa.gov/mold for information about safely preventing and removing mold, mildew, and other biological pollutants.
  - Floor Flatness:
    - The surface shall be flat to 3/16" in 10 ft. (3.9 mm in 3 m). Level high spots by sanding, grinding, etc., and fill low spots. Smooth surface to prevent any irregularities or roughness from telegraphing through the new flooring.
  - Concrete PSI:
    - Concrete substrates must have compression strength of 3,000 psi or greater.

INTRODUCTION (CONT):

Concrete Subfloors (Cont)

- General Conditions (Cont)
  - Concrete Absorbency:
    - Be aware that absorbent (porous) and non-absorbent (non-porous) subfloors may require different trowel sizes for adhesive application. Check absorbency by randomly placing 1" diameter droplets of water directly onto the surface of the concrete subfloor. If the water droplet does not dissipate within 60-90 seconds, then the substrate is considered non-absorbent. Even after removing old, glued-down flooring materials, do not assume that the concrete is absorbent (porous). Often, the old adhesive has sealed the floor. See the Prevail adhesive chart or pail label for recommended trowel sizes.
  - Chemical Abatement / Other Contaminants:
    - The use of adhesive removers or solvents in the abatement process or removal of existing or old adhesives is prohibited and may void the warranty. If oil, grease, or other contaminants have deeply penetrated the concrete and cannot be thoroughly removed, do not install this flooring.
  - Expansion Joints / Isolation Joints:
    - Such joints (or other moving joints) are incorporated into concrete floor slabs in order to permit movement without causing random cracks in the concrete. These joints must be honored and not be filled with underlayment products or other materials, and floor coverings must not be laid over them. Expansion joint covering systems should be detailed by the architect or engineer, and based upon intended usage and aesthetic considerations.
  - Treating Surface Cracks:
    - Cracks, grooves, depressions, control joints, other non-moving joints, and other irregularities shall be filled or smoothed with high-quality Portland cement-based patching or underlayment compounds for filling or smoothing, or both. Some surface cracks may need to be chased and filled. Patching or underlayment compound shall be moisture, mildew, and alkali-resistant and shall provide a minimum of 3,000 psi compressive strength after 28 days when tested in accordance with Test Method ASTM C109 or ASTM Test Method C472, whichever is appropriate. Refer to the manufacturer's instructions for such subfloor preparation materials for more details.

INTRODUCTION (CONT):

New Concrete

- New concrete subfloors contain a high percentage of residual moisture. Allow new concrete, including lightweight and gypsum toppings, to cure for at least 90 days before conducting moisture tests. In lieu of wet curing, quite often, curing agents are applied to concrete slabs to retard the escape of water during the initial curing process. Compounds left on the slab can retard the escape of free water during the drying process and eventually break down over time after the flooring is installed, affecting the integrity of the bond. Solvent-based adhesives will not adhere, and water-based adhesives will not set up and properly cure.
- NOTE: In the event of adhesion failure, the responsibility for warranties and performance guarantees rests with the compound manufacturer and not with QuietLok.

Old Concrete

- Old or existing concrete subfloors may pose more of a risk than new concrete, therefore requiring special attention. Remove existing floor covering and all traces of old adhesives, paint, or other contaminants by scraping, sanding, grinding, shot-blasting, or scarifying the substrate. The use of adhesive removers or solvents in the abatement or removal of existing or old adhesives is prohibited and may void the QuietLok warranty.
- WARNING: ASBESTOS & SILICA – Refer to the current Resilient Floor Covering Institute (RFCI) document "Recommended Work Practices for Removal of Existing Resilient Floor Coverings" for guidance.

Power-Troweled Concrete

- Power-troweled concrete surfaces can be very slick, relatively non-absorbent, and may produce surface laitance. These conditions can have an adverse effect on the bondability of subfloor preparation materials and flooring adhesives, and therefore, mechanical preparation (such as shot-blasting or scarification) is recommended. Always perform bond tests to determine suitability.
- Lightweight Concrete:
  - The minimum density of lightweight concrete should be greater than 90 lbs. per cubic foot, with a minimum compression strength of 2,500 psi or greater. Perform only In-Situ Relative Humidity (RH) test in strict accordance with the latest edition of ASTM F2170. Existing lightweight concrete or gypsum substrates may need to be primed prior to the installation of flooring. Contact the Subfloor Preparation manufacturer for recommendations, and always perform a bond test before proceeding. You can also contact Customer Service for assistance.

INTRODUCTION (CONT):

Power-Troweled Concrete (Cont)

- In-Floor Heating:
  - Radiant heating systems must be cast ½" below the surface of the concrete slab and should be operating at least two weeks before installing the flooring. Set the temperature of the radiant heating system to 68°F 48 hours before, at all times during, and 72 hours after installation. The temperature of the radiant heat floor may be gradually increased 72 hours after installation, but the surface temperature should never exceed 85°F. Contact the manufacturer of your radiant heating system for further recommendations.

Moisture Mitigation

- Concrete subfloors that exceed the maximum moisture value per the specified Prevail adhesive must be brought into compliance prior to the installation of the flooring (Refer to "Prevail Adhesives" section, for moisture tolerances). Due to the complexities associated with concrete moisture vapor emissions and movement of soluble salts in concrete subfloors, QuietLok does not warrant a specific product. We recommend the use of products that meet the criteria listed in ASTM F3010 (Standard Practice for Two-Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings). Refer to the recommended Subfloor Preparation Materials under the "Subfloor Preparation" section in this document.

Wood Subfloors

- General Conditions
  - QuietLok is recommended for use on suspended wood subfloors. Wood subfloors should have standard, double-layer construction with a minimum total thickness of at least 1" (25mm). As a finish layer, use a minimum ¼" (6mm) thick, APA-rated "underlayment grade" plywood with a fully sanded face, or other underlayment panel that is appropriate and warranted for the intended use. Follow the manufacturer's instructions. Wood subfloors must be sturdy, sound, and flat within 3/16" in a 10-foot radius, and should not slope more than 1" per 6 ft. in any direction, with a minimum of 18" (45cm) of well-ventilated air space underneath. Crawl spaces should be insulated and protected by a vapor barrier. Do not install this flooring over a sleeper-type subfloor or over plywood that is in direct contact with a concrete slab. All wood substrates must meet national and local building code requirements. Test wood subfloors and underlayment panels using a suitable wood moisture meter. The maximum moisture content is 14%, and the readings between the subfloor and underlayment panels should be within 3% prior to installing the underlayment panels.

INTRODUCTION (CONT):

Wood Subfloors (Cont)

- Underlayment Panels
  - Underlayments for resilient flooring must be:
    - Structurally sound
    - Specifically designed and warranted for resilient flooring
    - A minimum of ¼" (6mm) thick
    - Of a smooth surface so as to prevent telegraphing
    - Able to resist indentations
    - Free of any substances that may cause the flooring to stain
  - Plywood:
    - Use only American Plywood Association (APA) rated underlayment grade plywood, with a minimum grade of "BB" or "CC" and a minimum ¼" thickness. Allow expansion spacing between plywood butt joints of 1/32"–1/16", or follow the manufacturer's instructions. When installing underlayment, stagger cross-joints 4' on an 8' panel (minimum 16"), lightly butt the panels, and set fasteners flush or slightly below the surface level of the underlayment. Fill underlayment seams, nail holes, and any indentations with an approved Portland Cement-type floor patch, allow the recommended drying time, and sand the patch until smooth. Otherwise, use manufacturer-certified poplar, birch, and spruce plywood underlayment with a fully sanded face and exterior glue. All dust must be COMPLETELY removed to ensure a strong adhesive bond. Vacuum or sweep thoroughly, then apply adhesive.
  - Lauan Plywood:
    - Use only Type 1 lauan exterior grade "BB" or "CC" for underlayment. The use of lesser grades of lauan plywood is unacceptable and may cause severe problems when used as an underlayment, including discoloration, indentation, loss of bond, and delamination.
  - NOTE: The use of lauan plywood and other extremely porous wood underlayments will reduce the flash and working time of adhesives. It is best to apply an acrylic-based primer-sealer to any porous substrate prior to installation. A manufacturer's certification of lauan grade must accompany any claim involving the use of a lauan underlayment.

INTRODUCTION (CONT):

Unapproved Substrates

- Remove the floors listed below and refer to the appropriate "General Conditions" subsection under the "Concrete Subfloors" and "Wood Subfloors" sections. For glued-down floors, remove old adhesive before installing. Encapsulate adhesive and cutback residue. Any appearance- or performance-related issues associated with the underlayment are the responsibility of the flooring contractor and/or underlayment manufacturer.
    - Asphalt Tile, Carpeting/Carpet Pad, Cementitious Tile Backer Boards, Chipboard, Cushion-Back Sheet Vinyl, Floating Floors, Glass Mesh Tile Boards, Hardboard, Hardwood, Hardwood - Engineered Hardwood Over Concrete, Masonite, OSB, Parquet, Particleboard, Plywood - Fire-Retardant, Plywood - Knotty, Plywood - Preservative-Treated / Treated, Rubber Tile, Self-Stick Tile, Sleeper Substrates, and Strip Wood.
- NOTE: Various Federal, State, and Local government agencies have regulations governing the removal of in-place asbestos-containing material. If you contemplate the removal of a resilient floor covering structure that contains (or is presumed to contain) asbestos, you must review and comply with all applicable regulations. Do not sand, dry sweep, dry scrape, drill, saw, bead blast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphalt "cutback" adhesive, or other adhesive. These products may contain asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of bodily harm. Unless positively certain that the product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content. RFCI's Recommended Work Practices for Removal of Resilient Floor Covering is a defined set of instructions addressed to the task of removing all resilient floor covering structures. For further information, visit the Resilient Floor Covering Institute website at www.rfci.com.

INTRODUCTION (CONT):

Other Subfloors

- General Conditions
  - It is always best practice and recommended to remove existing flooring and start new with the original base. Recognizing that there are certain situations in which this is not possible, existing flooring materials such as terrazzo, marble, ceramic tile, or quarry tiles may be a suitable substrate for QuietLok if properly prepared. Note: Special attention in the preparation of these substrates must be taken. Consult with the substrate preparation material supplier for appropriate material selections, application requirements, and warranty information. The responsibility of the assessment, determination, and selection of the substrate preparation material, along with application and product performance, rests with the applicator and preparation material provider.
  - Terrazzo and Stone Subfloors:
    - These materials are porous and allow moisture to pass through. As such, the subfloor must be tested for moisture and pH, as outlined in the "Moisture and Alkalinity" subsection under "Concrete Subfloors". If the moisture and pH do not meet the tolerances of the appropriate Prevail adhesive, moisture mitigation is required. Any loose or damaged tiles must be repaired or removed. Thoroughly clean the surface to remove all old sealants, varnishes, oil, grease, wax, or finishes. Roughen smooth or glazed surfaces to provide a mechanical key for self-leveling compounds or preparation materials. Follow the manufacturer's recommendations for such preparation materials.
  - Existing Resilient Floors:
    - QuietLok may be installed over a single layer of existing resilient flooring, on-grade, and suspended moisture-free substrates (never below grade) when properly prepared. Never install over existing cushion vinyl, rubber, or slip-retardant flooring. The existing material must be fully and firmly bonded to an approved subfloor or underlayment. All polishes, waxes, floor finishes, and contaminants must be properly stripped. Indented or damaged areas must be replaced or repaired. Use appropriate patching, repair, or embossing levelers.

INTRODUCTION (CONT):

Other Subfloors (Cont)

- General Conditions (Cont)
  - Embossing Levelers:
    - Use embossing levelers on sheet goods with textures that could telegraph through the flooring. Self-leveling compounds must fully cure according to the manufacturer's instructions before installation. The flooring contractor is fully responsible for moisture and leveler-related issues. Note: The use of embossing levelers on sheet goods will not create a porous subfloor.
  - Metal Substrates:
    - QuietLok flooring may be installed directly over steel, stainless steel, aluminum, and lead substrates using the appropriate Prevail adhesive. These types of substrates must be thoroughly cleaned, dried, and free of dust, dirt, wax, paint, grease, or any other contaminants that may interfere with the adhesive bond. The surface may require cleaning with mineral spirits to remove oil or grease prior to abrading or lightly sanding the surface to achieve a satisfactory bond. A bond test should be performed prior to installation. Metal substrates require the non-porous application method. Due to the softness of lead, it is recommended that it be coated with a minimum of 1/8" cement-based underlayment. While this may not be a requirement for thin applications of lead, it must be understood that lead will indent quite easily. A bond test should be performed prior to installation. Contact Customer Service for details.
  - Polymeric Poured Floors:
    - These types of floors are generally two-part, resin-based, epoxy paints or coatings. It's very difficult to tell whether or not they are well bonded to the substrate and are subject to issues with excessive moisture. Thus, it is recommended that polymeric poured floors be removed, so as to avoid potential problems.

Special Considerations

- Radiant Heat
  - Radiant heating systems must be cast ½" below the surface of the concrete slab and should be operating at least two weeks before installing the flooring. Set the temperature of the radiant heating system to 68°F 48 hours before, at all times during, and 72 hours after installation. The temperature of the radiant heat floor may be gradually increased 72 hours after installation, but the surface temperature should never exceed 85°F. Note: For best performance, it is recommended to use Prevail 4000 Two-Part Epoxy Adhesive over floors with radiant heating.

INTRODUCTION (CONT):

Special Considerations (Cont)

- Removal of Existing Resilient Flooring - Asbestos Abatement
  - QuietLok recommends following the Resilient Floor Covering Institute Guidelines for the removal of existing tile and mastic. Existing resilient flooring and adhesive should be mechanically removed. The use of adhesive removers or solvents is strictly prohibited. Any mastic remover residue, including Soy or Citrus products, can attack and break down the new adhesive, resulting in tiles releasing from the subfloor. Floor covering warranties do not cover instances where adhesive removers or solvents cause damage to the flooring or installation failure.
- Concrete Curing, Sealing, Hardening or Parting Compounds
  - QuietLok recommends wet-curing concrete for seven days, if at all possible. This will prevent the need to use curing, sealing, hardening, or parting compounds. Curing compounds leave a film that can interfere with the adhesion of floor coverings, and thus, their use should be avoided. Some contain wax, soap, oils, or silicones and must be removed prior to installing resilient flooring. Mechanically remove compounds by using a concrete or terrazzo grinder or by shot-blasting. Some materials are advertised as being "dissipative" but should not be taken for granted. Always conduct bond tests to determine the need for removal (see "Adhesive Bond Testing" section).

Adhesive Bond Testing

- Use the following test to determine if a subfloor is compatible with Prevail adhesives or to determine if the porous or non-porous adhesive application method is required:
  - Using the flooring and adhesive suitable for the subfloor, install a 3' x 3' section following the recommended installation procedures. Tape the edges with duct tape to prevent the adhesive from prematurely drying. Select light traffic areas, such as those located next to walls or columns. The adhesive should be dry, and the flooring should be difficult to remove after 48 hours. Note: the adhesive is dry at this point but not cured. Full cure and maximum bond will not occur for 6-8 days. On large installations, tests should be performed every 50 linear feet.

INTRODUCTION (CONT):

Prevail™ Adhesives

- General Information
  - QuietLok offers three adhesive options for use with the flooring. Areas of usage and subfloor conditions determine the appropriate Prevail adhesive. For areas with high point loads, rolling loads, topical spillages, radiant heat, or direct sunlight, only use Prevail 4000 Two-Part Epoxy. Select and use the proper trowel per the chart below. Always use new trowels to ensure proper adhesive coverage.

Prevail Product	PR-3500	PR-4000	PR-6000
Product Type	Hard Set	2-Part Epoxy	PSA
Usage	ERT	ERT	ERT
pH Tolerance	7-10	7-10	7-10
ASTM F2170 - RH Limits	85%	85%	90%
ASTM F1869 - MVER	6 lbs	6 lbs	8 lbs
Spread Rate & Trowel (Porous)	125-150sf/g - 1/16”x1/16”x1/16” Sq-Notch	165-200sf/g - 1/16”x1/16”x1/16” V-Notch	160-180sf/g - 1/16”x1/16”x1/16” Sq-Notch
Spread Rate & Trowel (Porous)	165-200sf/g - 1/16”x1/16”x1/16” V-Notch	225-250sf/g - 1/32”x1/16”x1/32” U-Notch	220-260sf/g - 1/32”x1/16”x1/32” U-Notch
Shelf Life (in unopened, properly stored, containers)	1 Year	1 Year	2 Years
Leed	Yes	Yes	Yes
Floorscore Certified	Yes	Yes	Yes

  - All are Commercially & Residentially Rated and are Compatible with Plywood, Concrete, and Radiant Floor Substrates
  - Important: Only Prevail Adhesives are approved and warranted for use with QuietLok. Bond issues resulting from the use of non-recommended adhesives are not warranted. All warranties and guarantees pertaining to the suitability and performance of any product not recommended rests with the material manufacturer or the installation contractor and NOT with QuietLok. The condition of the subfloor and bond issues resulting from the use of non-recommended, improper, or incorrectly prepared adhesives, sealers, embossing levelers, patches, concrete, gypsum-based products, and other such items are the sole responsibility of the Flooring Contractor and/or manufacturer of the particular sub-flooring product.

INTRODUCTION (CONT):

Prevail 3500 Hard Set Adhesive

- Prevail 3500 is a solvent-free, hard-setting acrylic adhesive that is designed to permanently install dimensionally stable homogenous & heterogeneous sheet flooring, luxury vinyl tile, and vinyl plank. It is also formulated to provide an exceptional bond when installed over moisture-free porous and non-porous surfaces. It can be used on all grades of concrete including, on grade, above or below grade, in the absence of moisture, as well as on suspended approved wood floors (APA).
- Application and Installation
  - The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65° to 85°F, and the ambient RH (relative humidity) must be maintained between 35% and 85% for 48 hours before, during, and continuously after the testing and installation. Spread the adhesive uniformly with the recommended trowel, as noted below. Place flooring into the adhesive once the adhesive has reached the appropriate amount of drying time. The amount of time in which you have to place the flooring will vary with temperature and humidity. The higher the temperature and the lower the humidity, the faster the adhesive will set.
- Porous Substrates: 1/16" x 1/16" x 1/16" Square notch trowel= 125-150sf/gallon.
  - On absorbent substrates, vinyl plank and tile flooring may be installed while the adhesive is wet or as it becomes dry to the touch, with little to no transfer to the finger. This may require approximately 5-10 minutes of drying time at the suggested installation temperature and humidity. If installing into wet adhesive, work off of the material to prevent planks or tiles from moving, adhesive displacement, and adhesive from oozing to the surface of the material. Roll the installation in both directions with a 100lb 3-section roller immediately after the flooring is placed, ensuring full contact with the adhesive.
- Non-Porous Substrates: 1/16" x 1/16" x 1/16" V-notch trowel= 165-200sf/gallon.
  - On nonabsorbent substrates, install vinyl plank and vinyl tile flooring into the adhesive as it becomes dry to the touch, with little or no transfer to the finger. This may require approximately 45-55 minutes of drying time at the suggested installation temperature and humidity. Do not install flooring into wet adhesive. Roll the installation in both directions with a 100lb 3-section roller immediately after the flooring is placed, ensuring full contact with the adhesive.

INTRODUCTION (CONT):

Prevail 3500 Hard Set Adhesive (Cont)

- Clean Up
  - Remove the wet adhesive with soapy water on a clean cloth. Remove the dry adhesive with mineral spirits applied to a clean, lint-free cloth. Do not allow excessive amounts of soapy water or solvents to sit on the vinyl or penetrate the seams of the flooring. Never apply solvent directly to the flooring.
- After Installation
  - Restrict foot traffic for 24 hours and the movement of heavy rolling loads and heavy objects for 48 hours to allow the adhesive to cure properly. Premature traffic can cause installation failure.
- Physical Characteristics
  - (70°F, RH 50%) Drying Time (Porous): Approx. 5-10 minutes. Drying Time (Non-Porous): Approx. 45-55 minutes. Working Time (Porous): Approx. 2 hours. Working Time (Non-Porous): Approx. 45-60 minutes. Product Type: Acrylic latex. Product size/package: 1-gallon and 4-gallon pails.
- Maximum Moisture Tolerance
  - ASTM F2170: 85% RH or less ASTM F1869: 6lbs or less pH: 7-10.
- Storage
  - Protect from freezing.
- Shelf Life
  - 1 year @70° in unopened container.

Prevail 4000 2-Part Epoxy Adhesive

- Prevail 4000 is a solvent-free, low VOC, high-performance 2-part epoxy adhesive system recommended for the installation of sheet vinyl, luxury vinyl tiles and planks, rubber sheet flooring, rubber tile, rubber stair treads and composition tile (VCT). It is excellent for use in healthcare facilities and commercial installations where heavy fixtures or rolling loads will be used.

INTRODUCTION (CONT):

Prevail 4000 2-Part Epoxy Adhesive (Cont)

- Application and Installation
  - The installation site and materials must be acclimatized with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65° to 85°F, and the ambient RH must be maintained between 35% and 55% RH for 48 hours before, during, and continuously after the testing and installation. Mix the entire contents of Part B into the Part A container using a low-speed mixer and paddle for 3-5 minutes until uniform in color without streaking. Adhesive will not cure if not thoroughly mixed. After mixing, immediately apply the adhesive to the substrate and do not allow the mixed product to sit in the container. Wash all tools with isopropanol or mineral spirits immediately after mixing. Trowel selection is based on the condition of the substrate and material backing (see below). Spread the adhesive uniformly with the appropriate trowel and place the flooring immediately into wet adhesive while working off the flooring material. Under normal temperature and humidity conditions (70°F, 50% RH), the adhesive working time will be 50-60 minutes. Check for full adhesive transfer to the back of the floor covering. The amount of time in which you have to place the flooring will vary with temperature and humidity. The higher the temperature and the lower the humidity, the faster the adhesive will set. After placing sheet flooring into the adhesive and prior to rolling with the 100lb. 3-section roller, a push board should be used to push out any air bubbles that might be trapped. The roller alone may not be adequate in the removal of trapped air bubbles due to subfloor irregularities or setting of the adhesive. Once placed, roll the flooring immediately in both directions using a minimum of a 100 lb. 3-section roller. Roll again before the adhesive sets, generally 1-2 hours. Avoid direct sun exposure or direct exposure from any heat source during installation to prevent the adhesive from setting too quickly.
- Recommended Trowels
  - For flooring materials with a smooth or lightly textured back, use a 1/32" x 1/16" x 1/32" U-notch trowel. For flooring materials with a textured back, use a 1/16" x 1/16" x 1/16" V-notch trowel. Substrate conditions and material backing must be taken into consideration. The least amount of adhesive should be used to get full transfer to the backing without adhesive bleeding to the surface of the material. A simple bond test can be performed to help make this determination.

INTRODUCTION (CONT):

Prevail 4000 2-Part Epoxy Adhesive (Cont)

- Recommended Trowels (Cont)
  - When installing vinyl plank and tile, place into adhesive while wet. The pot life for the adhesive is 30-45 minutes, so remove material from the container immediately once thoroughly mixed. High temperatures will decrease pot life. The adhesive working time is approximately 50-60 minutes. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive. Roll the installation in both directions with a 100lb 3-section roller immediately after the installation is complete. Then, before the adhesive sets, between 1-2 hours, depending on ambient room conditions, roll the installation again in both directions with a 100lb 3-section roller.
- Clean Up
  - Remove excess adhesive before it cures with isopropanol or mineral spirits applied to a clean, lint-free cloth. Do not allow solvents to sit on the flooring or penetrate the joints. Never apply the solvent directly to the flooring.
- After Installation
  - Restrict foot traffic for 24 hours and the movement of heavy rolling loads and heavy objects for 48 hours to allow the adhesive to cure properly. Premature traffic can cause installation failure.
- Physical Characteristics
  - (70°F, 50% RH): Flash Time: 0 minutes. Working Time: 50-60 minutes at standard temperature and humidity.
- Maximum Moisture Tolerance
  - ASTM F2170: 85% RH or less ASTM F1869: 6lbs or less MVER.
- Storage
  - Protect from freezing.
- Shelf Life
  - One year in an unopened container when stored at standard conditions.

INTRODUCTION (CONT):

Prevail 6000 Pressure Sensitive Vinyl Adhesive

- Prevail 6000 with post-consumer content is designed for the installation of luxury vinyl plank and tiles. Prevail 6000 may be used over both porous and non-porous substrates using the appropriate application methods, allowing trouble-free installations over existing, well-prepared substrates with a maximum moisture limit of 90% RH and eight lb. MVER.
- Application and Installation
  - The installation site must be acclimatized with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°to 85°F, and the ambient RH (relative humidity) must be maintained between 35% and 85% for 48 hours before, during, and after the testing and installation. Spread the adhesive uniformly with the recommended trowel, as noted below. Place flooring into the adhesive once the adhesive has reached the appropriate amount of drying time. The amount of time in which you have to place the flooring will vary with temperature and humidity. The higher the temperature and the lower the humidity, the faster the adhesive will set.
- Porous Substrates: 1/16" x 1/16" x 1/16" Square notch trowel= 160-180sf/gallon.
  - Install vinyl plank and vinyl tile flooring into adhesive as it becomes dry to the touch, with no transfer to finger, approximately 10-20 minutes of drying time at suggested installation temperature and humidity. On absorbent (porous) substrates, the flooring may be installed dry to touch or while still wet after the adhesive valleys begin to go clear. Roll the installation in both directions with a 100lb 3-section roller immediately after the flooring is placed, ensuring full contact with the adhesive.
- Non-Porous Substrates: 1/16" x 1/32" x 1/32" U-notch trowel= 220-260sf/gallon.
  - Install vinyl plank and vinyl tile flooring into adhesive as it becomes dry to the touch, with no transfer to finger, approximately 30-60 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive. Roll the installation in both directions with a 100lb 3-section roller immediately after the flooring is placed, ensuring full contact with the adhesive.

INTRODUCTION (CONT):

Prevail 6000 Pressure Sensitive Vinyl Adhesive (Cont)

- Prevail GDP
  - For Prevail™ GDP installations, trowel or roll the adhesive uniformly onto the substrate by utilizing the appropriate directions noted above for porous and non-porous substrates. Roll the GDP installation with a 100lb 3-section roller after installation.
  - Never use a trowel to apply adhesive to the GDP. Only roll the adhesive uniformly to the underlayment using a 3/8" nap roller (replaced as needed). Coverage for this application method should be approximately 350-400 sf/gallon. Do not install flooring into wet adhesive. Begin installation when the adhesive shows no transfer to the finger. Roll the installation in both directions with a 100lb 3-section roller immediately after installation is complete, ensuring full contact with the adhesive.
- Clean Up
  - Remove the wet adhesive with soapy water on a clean cloth. Remove the dry adhesive with mineral spirits applied to a clean, lint-free cloth. Do not allow excessive amounts of soapy water or solvents to sit on the vinyl or penetrate the seams of the flooring. Never apply the solvent directly to the flooring.
- After Installation
  - Restrict foot traffic for 24 hours and the movement of heavy rolling loads and heavy objects for 48 hours to allow the adhesive to cure properly. Premature traffic can cause installation failure.
- Physical Characteristics
  - (70ºF, RH 50%) Drying Time (Porous): Approx. 10-20 minutes. Drying Time (Non-Porous): Approx. 30-60 minutes. Working Time: Up to 4 hours. Product Type: Acrylic latex. Product size/package: 1 gallon and 4 gallon pails.
- Maximum Moisture Tolerance
  - ASTM F2170: 90% or less ASTM F1869: 8lbs or less pH: 7-10.
- Storage
  - Protect from freezing.
- Shelf Life
  - One year in an unopened container.

QUIETLOK DRYBACK 2.5 INSTALLATION INSTRUCTIONS

INSTALLATION:

General Information

Before starting the installation, verify that the material is of the correct style, color, quantity, and run numbers, and ensure that the correct adhesive has been selected for the area of usage (see "Prevail Adhesives" section). Also, confirm that all pre-installation requirements, as detailed in the remainder of this section, have been satisfactorily completed. The start of flooring installation indicates acceptance of current subfloor conditions and full responsibility for completed work.

- Check Run Numbers and Manufacture Date
  - Locate the run number on the short end of each carton and verify that all of the material for your job is from the same run. Minor shade variations within the same run number contribute to the natural look of QuietLok. To avoid noticeable shade variations, do not install material from different runs across large expanses.
  - To determine the manufacture date, locate the run number on the short end of the carton. It is the eight-digit number separated by decimal points.
- Acclimate tiles (keep cartons flat), adhesive, jobsite, and subfloor to a stable condition between 65°-85°F (18°-29°C) and 35%- 85% RH for a minimum of 48 hours before and after installation.
- Confirm that the quantity of flooring and adhesive is sufficient for the area to be installed. Check material for visual defects before installation. Installation of flooring acknowledges acceptance of materials.
- Make sure all surfaces to be covered are completely clean, dry, and smooth and that all necessary subfloor preparation has been properly completed and documented.
- Perform final acceptance inspection of substrate.
- Protect adjacent work areas and finished surfaces from damage that could occur during product installation.
- QuietLok should be the last material installed so as to prevent other trades from disrupting the installation and adhesive set-up, and to prevent damage to the floor.
- QuietLok comes in plank, rectangular, and square tile formats. Install tiles running in the same direction (block or staggered), quarter-turned or as specified by the architect. The plank flooring should have end joints offset by at least 6" and should be installed in a staggered manner so as to create a random appearance that avoids alignment of end joints. The flooring can be laid out to run either parallel or diagonal to the room or primary wall. The following conditions must be given consideration when determining how the floor will be installed.

INSTALLATION (CONT):

General Information (Cont)

- Layout
  - Layout shall be specified by the architect, designer, or end-user (refer to architectural drawings).
  - Establish center lines and determine the starting point to balance the installation by having equal tile widths on opposite sides of the room. This can be facilitated by measuring or dry-laying tiles and marking baselines.
- Wet-Set Applications (Prevail 3500 & Prevail 4000)
  - The room layout must be arranged so that all flooring can be installed while working off of freshly installed tiles. This will keep tiles from shifting, minimize adhesive displacement, and prevent wet adhesive from oozing up and getting onto the surface of the tiles. This can be accomplished by snapping chalk lines to create work zones that are no wider than a comfortable arm's reach and in multiples of the tile or plank width. Periodically pull back a tile or plank during installation and check for adhesive transfer to the backing.
  - When all preparatory work is satisfactorily completed, including dry fitting cut tiles (if applicable), proceed with installation. Inspect each tile for visual defects before installing. Installation of flooring implies acceptance of materials.
- Protecting Newly Installed Floors
  - Newly installed flooring must be protected while the adhesive sets and also protected from damage of other trades. Early foot traffic, as well as point or rolling loads, can cause shifting of tiles, adhesive displacement, or breaking of the bond between the adhesive and the tile or substrate.
- Always start with a clean jobsite. All trades must be finished before installing QuietLok. Carefully inspect each plank or tile for defects prior to installation, and do not install damaged material. Be sure to check run numbers/manufacture dates prior to installing.

INSTALLATION (CONT):

Resilient Tile Installation

Some products have directional arrows on the back. The tiles should be installed with the arrows pointing in the same direction in order to prevent shade, color, or gloss variation. The planks may be installed randomly (without concern for arrow direction). This will bring out more variety in the appearance of the installed floor.

- Step 1: Square the Room
  - Square the layout of the room and find the center of one end of the room. Locate the same point at the other end-wall. Snap a chalk line between these points to mark the center line on the floor. Then, measure along this center line to find the middle of the room. At the center point, mark off a line across the room at precise right angles to the first line. This can be accomplished using the 3-4-5 triangle method. Starting from the center point, make a mark measuring 4 feet vertically and 3 feet horizontally. Connect the marks with a diagonal line to complete the triangle. If the diagonal line does not measure exactly 5 feet, then the center crossing lines are not at a true right angle. (See Figure 1)
  - TIP: Multiples of the 3-4-5 triangle method may be used for greater accuracy in large rooms (e.g. 6-8-10, 9-12-15, etc.).
- Step 2: Balance the Room
  - Either measure or dry-lay a row of tiles from the center line to the side wall to determine the size of the first and last tiles. If the resulting border is too small in either direction, move the row of tiles over one-half tiles' width and snap a new line. This becomes your new starting line. (See Figure 2)
  - TIP: Use the dimensions of the room to calculate the size of the first tile without dry-laying.

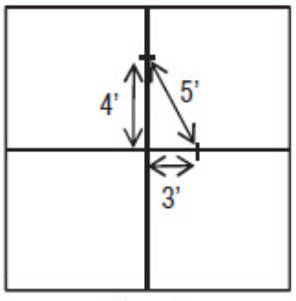

Figure 1

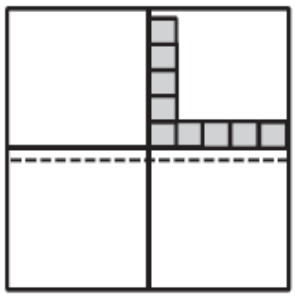
Figure 2

INSTALLATION (CONT):

Resilient Tile Installation (Cont)

- Step 3: Install the Tiles
  - After determining the layout and snapping the center line, spread adhesive and install flooring as outlined below using the dry-to-touch or wet-set application method. (See Figure 3)
  - Apply adhesive as recommended on the label.
  - Pressure Sensitive (dry-to-touch) Applications
    - Lay tiles from the center of the room in a pyramid fashion while working towards the walls, as shown in Figure 3. The dry, tacky adhesive makes it possible to work on top of the material without compromising the installation.
  - Wet-Set Applications
    - The room layout must be set up so that all flooring can be installed while working off of freshly installed tiles. This will keep tiles from shifting, minimize adhesive displacement, and prevent wet adhesive from oozing up and getting onto the surface of the tiles. This can be accomplished by creating work zones outlined with parallel chalk lines. Create work zones that are no wider than the installer's comfortable arm reach and in multiples of the tile width. Measure and snap the chalk line parallel to the established baseline. Spread adhesive within the work zone and begin installing tiles using the row-by-row method, as shown in Figure B under "Resilient Plank Installation" (next section).
  - TIP: Do not apply more adhesive than can be worked within the recommended working time. Always follow the adhesive manufacturer's recommendations.
  - IMPORTANT: All flooring must be rolled with a minimum 100lb roller after installation. Use a hand roller in areas that cannot be reached with a 100lb roller.

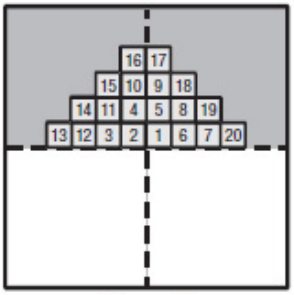

Figure 3

INSTALLATION (CONT):

Resilient Plank Installation

- Step 1: Square the Room
  - To square the layout of the room, find the center of one end of the room. Locate the same point at the other end-wall. Snap a chalk line between these points to mark the center line on the floor. Then, measure along this center line to find the middle of the room. At the center point, mark off a line across the room at precise right angles to the first line. This can be accomplished using the 3-4-5 triangle method. Starting from the center point, make a mark measuring 4 feet vertically and 3 feet horizontally. Connect the marks with a diagonal line to complete the triangle. If the diagonal line does not measure exactly 5 feet, then the center crossing lines are not at a true right angle. (See Figure A)
  - TIP: For large rooms, multiples of the above dimensions may be used to obtain greater accuracy. (6-8-10, 9-12-15, and so on.)
- Step 2: Install the Planks
  - After snapping the center starting chalk lines, spread the appropriate Prevail adhesive on the center lines, leaving portions of the lines at the center and near each wall uncovered. Start laying the planks from the right angle formed by the center lines. Lay the material from the center of the room, working towards the walls as shown. It is imperative that the first row is placed precisely and accurately against the reference line as you install. Make sure each plank is flush against the chalk line and tight against the adjoining plank. The ends of the planks should align perfectly. Lay row-by-row or in a pyramid fashion (See Figures B & C).
  - TIP: Pay special attention to the edges of the planks. Do not slide the planks through the adhesive as you install.
  - IMPORTANT: All flooring must be rolled with a minimum 100lb roller after installation. Use a hand roller in areas that cannot be reached with a 100lb roller.

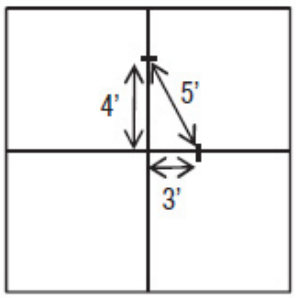

Figure A

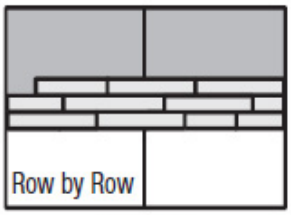

Figure B

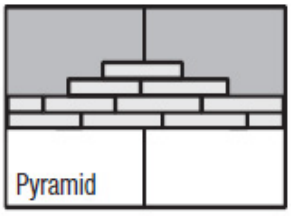

Figure C

CARE AND MAINTENANCE:

General Care and Maintenance

Dryback flooring is manufactured with a high-performance coating, which provides improved maintenance characteristics and options for end-users. All floor coverings require some care to look their best, and many problems can be prevented before they occur. The area of usage, type of traffic, and frequency of traffic on the floor will determine the type and frequency of maintenance needed. Proper care and maintenance are an essential part of keeping your flooring attractive and safe. These guidelines will help to maintain the appearance of and extend the life of your flooring.

- Floor-Care Best Practices
  - Sweep or vacuum daily; use only vacuums without beater bars.
  - Protect the floor from tracked-in dirt and grit particles by using walk-off mats at all outside entrances.
  - Avoid the use of rubber-backed mats, as certain rubber compounds can permanently stain vinyl.
  - In order to prevent indentations and scratches, provide glass, plastic, felt, or other non-staining cups with flat under-surfaces not less than 2" wide for the legs of heavy furniture or appliances. Equip swiveled-type office chairs and other rolling furniture with broad-surface, non-staining casters at least 2" in diameter. Remove small diameter buttons from the legs of straight chairs and replace them with metal or felt glides that have bearing surfaces no less than 1" in diameter.
  - Always use the proper equipment to protect the flooring from damage that could be caused by the moving of heavy fixtures or appliances.
  - Never use anything coarser than 3M-equivalent red cleaning pads or brushes on resilient flooring (see Maintenance Procedures section).
  - Protect your floor against burns. Burns from the glowing end of cigarettes, matches, or other extremely hot items can damage the floors.
  - Do not flood the floor or be subject to frequent standing water.
  - Only use Prevail cleaning products, as they are designed for Luxury Vinyl Tile floors with urethane coatings.
  - All floors have good resistance to stains and are not affected by the most common spills. However, any spill should be cleaned up immediately. The longer the spilled materials are left on the floor, the greater the risk of permanently staining the floor. For information regarding the proper method or solution to use on a specific stain, contact Customer Service.
  - Avoid exposure to direct sunlight for prolonged periods. The use of drapes or blinds is recommended during peak sunlight hours. Prolonged exposure to direct sunlight can result in discoloration, and excessive temperatures might cause tiles or planks to expand.

CARE AND MAINTENANCE (CONT):

Maintenance Procedures

When performing wet maintenance, always use proper signage and prohibit traffic until the floor is completely dry. Always use caution and follow the electrical equipment manufacturer's safety instructions.

- No-Polishing/No-Buffing Maintenance Options
  1. Allow the adhesive to cure for at least 48 hours prior to wet-cleaning the floor.
  2. Thoroughly sweep, dust-mop, or vacuum (without beater bar assembly) the floor to remove all loose dirt, dust, grit, and debris.
  3. Remove any dried adhesive residue from the surface with Prevail 1-Step Neutral Cleaner or with mineral spirits applied to a clean, lint-free cloth. Do not allow excessive amounts of solvent to sit on the vinyl or to penetrate the joints of the flooring. Never apply the solvent directly to the flooring.
  4. Damp-mop the floor using Prevail 1-Step Neutral Cleaner.
  5. If necessary, scrub the floor using an auto scrubber or rotary machine (175 rpm or less) with Prevail 1-Step Neutral Cleaner, using the proper dilution ratio and the appropriate scrubbing brush or pad. Fit the buffer with a 3M-equivalent red or white scrubbing pad and work the solution over the floor.
  6. Thoroughly rinse the entire floor with fresh, clean water. Remove the dirty residue with a wet-vacuum or with a clean mop and allow the floor to dry completely.
- Daily/Routine Maintenance
  1. Clean entryway walk-off mats to remove dirt, grit, sand, and other contaminants from being tracked onto the floor (as needed).
  2. Thoroughly sweep, dust-mop, or vacuum (without beater bar assembly) the floor to remove all loose dirt, dust, grit, and debris that can stick to and damage the surface of the floor.
  3. Spills should be cleaned up immediately. Spot-clean using Prevail 1-Step Neutral Cleaner and microfiber or preferred mop.
  4. Damp-mop the floor on a regular (recommended - daily) basis using Prevail 1-Step Neutral Cleaner.

CARE AND MAINTENANCE (CONT):

Maintenance Procedures (Cont)

- Periodic Maintenance
  1. When necessary, scrub the floor using an auto scrubber or rotary machine (175 rpm or less) with Prevail 1-Step Neutral Cleaner, using the proper dilution ratio. Fit the buffer with a 3M-equivalent red or white scrubbing pad and work the solution over the floor.
  2. Thoroughly rinse the entire floor with fresh, clean water. Remove the dirty residue with a wet-vacuum or with a clean mop and allow the floor to dry completely.
- Operating Rooms
  - DO NOT USE PHENOLIC DISINFECTANTS ON ANY FLOOR.
- Automatic Scrubbers
  - Automatic scrubbers come in walk-behind and ride-on styles, with some being compact for hard-to-reach areas around equipment or fixed seating. Auto Scrubbers are efficient, safe, and cost-effective, delivering substantial time savings compared to the mop and bucket method of floor maintenance.