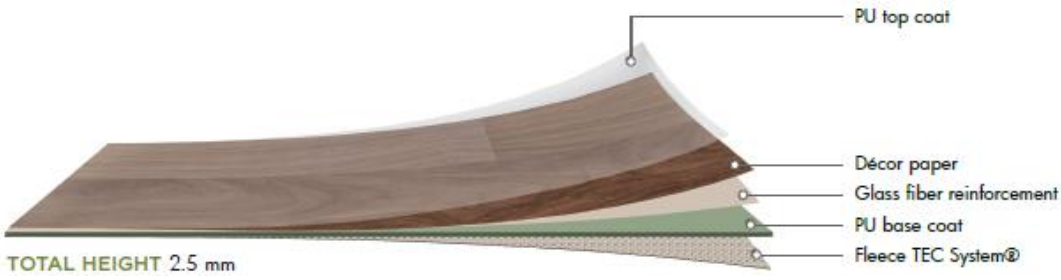
wineo PURline®



Contents

General Information

wineo PURline® is suitable for use in many different types of facilities, including healthcare sanitary areas (welded seams). Flash coving and un-welded seams are also options along with plank and tile versions are available.

This product must be used for interior applications only and be installed by professional installers that have sufficient professional liability insurance coverage (aka Errors and Omissions Insurance) for the project.

Mats Inc. recommends installing and maintaining entrance matting at all outdoor entrances; this will improve air quality, reduce maintenance costs, and lengthen the life of your floors.

Proper glides must be used on all furniture that may slide directly across the floor, consult the furniture manufacturer for recommendations for use on resilient flooring. Heavy objects must not be moved directly across the floor; use protective boards.

Direct sunlight can cause UV damage (fading or bleaching) to most interior finishes, so Low E glass should be selected that will reduce the UV transmission to less than 1%. If not, applying 3M™ protection film (or similar) on the windows is recommended.

Do not install any material that has visible defects or damage. A contractor that installs any material that has visible defects or damage assumes responsibility for the damaged material.

All Safety Data Sheets (SDS) and Installation, Maintenance and Warranty requirements must be read, understood and followed.

These instructions supersede any verbal or written instructions from Mats Inc. representatives and must be followed in order for the limited warranty to be in effect.

Underfloor heating is suitable for providing the adhesive line does not exceed 85°F, and the system is not used for 72 hours after the installation. When it is used, the temperature must not be increased by more than 5°F per day, or thermal shock may cause bond failure.

Technical Data

ASTM Specification	Being developed by ASTM F06 Committee
Tile and case size	~ 13-inch x 26-inch (335 mm x 670 mm), 16 tiles and ~ 37.55 ft^2 per case
	~ 19.5-inch x 39-inch and (500 mm x 1000 mm), 10 tiles and ~ 53.82 ft^2 per case
Plank and case size	~ 8-inch x 48-inch (200 mm x 1200 mm), 20 planks and ~ 51.66 ft^2 per case
	~ 10-inch x 59-inch (250 mm x 1500 mm), 12 planks and ~ 48.43 ft^2 per case
	~ 4-inch x 24-inch (100 mm x 600 mm), 28 planks and ~18.08 ft^2 per case
Roll size	~ 6-foot 7-inch x 65-foot 7-inch (2 m x 20 m), ~ 430.56 ft^2 per roll
Thickness	~ 1/8-inch (2.5 mm)
Composition	Heterogeneous commercial floor covering consisting of bio-polyurethane (ecuran), Fleece TEC® system backing, glass fiber reinforcement, a paper print layer, and a clear PU top layer.
Weight	~ 0.74 lbs. per ft²
Backing	Fleece TEC® system
Limited warranty	10 years

Performance	Test Method	Requirement	Result
Flammability	ASTM E648	> 0.45 w/cm^2 for Class 1	Class 1
Smoke density	ASTM E662	≤ 450	≤ 450
Slip resistance	ASTM D2047	None	0.92 (not suitable for ramps)
Fungi growth	ASTM G21	None	No growth
Static load	ASTM F970	None	0.002-inch (250 lbs.) & 0.005-inch (1450 lbs.) residual indentation
Color stability – heat	ASTM F1514	None	Δ (Delta) E < 0.1
Color stability – light	ASTM F1515	None	Δ (Delta) E < 0.1
Sound transmission	ASTM E2179	None	Δ (Delta) IIC 7 & IIC 35
	ASTM E1007	None	AIIC 51 with Underfloor QC and 8-inch concrete slab
Dimensional stability	ASTM F2199	None	< 0.2%
Chemical resistance	ASTM 925	None	Exceeds standard specifications
Antistatic behavior	AATCC 134	None	Maximum Average 3.1 kV negative
Squareness deviation	ASTM F2421	None	≤ 0.005-inch (planks and tiles)

Adhesive	Moisture Limits	Application Method	Coverage
MI 2500 Spray	≤ 95% RH	Spray can	**Planks or Tiles**: 125 foot² & **Rolls**: 105 foot² / can
Perma-Bond (porous substrate required)	≤ 90% RH	1/16" x 1/16" x 1/16th" square notched (FCA)	~ 150-175 foot² / gallon

Tested following the protocol of ASTM F2170, the results must not exceed the published limits. Replace all worn trowels (every 4 gallons) to ensure proper spread rate; do not re-notch. Check the expiration date of the adhesive, if expired, do not use.

It may not be the flooring contractor's responsibility to conduct moisture testing. It is, however, the flooring contractor's responsibility to make sure these tests have been conducted and that the results are acceptable prior to installation. Testing should be performed by an International Concrete Repair Institute (ICRI) certified technician; please visit http://www.icri.org.

All on or below grade concrete subfloors must also have a confirmed effective vapor retarder pre-installed underneath that meets the requirements of ASTM E1745. If not, then use a moisture mitigation system that conforms to ASTM F3010. This system must be applied following the manufacturer's written instructions.

Sustainability wineo PURline® Certification
- Cradle to Cradle Certified™
- FloorScore®
- Blue Angel
- M1 Certification
- EPD (Environmental Product Declaration)
- HPD (Health Product Declaration)
- TUV Profi Cert
- TVOC between 0.5 – 5.0 mg/m^2
- CDPH / EHLB
- CA 01350

Also complies with the threshold of:
- MVV TB Annex 8 / ABG
- AgBB
- Belgian VOC Regulation
- BREEAM Exemplary Level
- Austrian Eco Label UZ 56

MI 2500 Spray Adhesive
- FloorScore®
- CDPH / EHLB
- CA 01350
- SCAQMD Rule 1168 – Adhesives
- TVOC between 0.5 – 5.0 mg/m^2

Perma-Bond Adhesive
- FloorScore®
- CDPH / EHLB
- CA 01350
- SCAQMD Rule 1168 – Adhesives
- TVOC between 0.5 – 5.0 mg/m^2

LEED v4

Many finishing products have the potential to contribute points to LEED v4. However, the credits can only be gained when calculating the combined performance of all the products used on a particular LEED project; therefore no single product can guarantee you will obtain LEED v4 credits. wineo PURline® may contribute to the following LEED credits (points), the following is based on LEED NCv4:

v4 MRp2: Material and Resources – Construction & demolition waste management planning:
The tiles or planks reduce waste from the installation process, reducing waste in landfills.
Made from recyclable material and / or is a reusable product, reducing waste in landfills and is Cradle to Cradle Certified™.

v4 MRc1: Material and Resources – Building life-cycle impact reduction:
Option 3. Building and material reuse. This product is Cradle to Cradle Certified™ and can be reused or salvaged from off-site or on-site as a percentage of the surface area. Note: Materials contributing toward this credit may not contribute toward MRc3.

v4 MRc2: Material and Resources – Building product disclosure and optimization, environmental product declarations:
Option 1. Environmental product declaration (EPD) is available.

v4 MRc4: Material and Resources – Building product disclosure and optimization:
Option 1. Material ingredient reporting. Health Product Declaration (HPD).

v4 EQc2: Indoor Environmental Quality – Low emitting materials:
Option 1 (Flooring). General emissions evaluation. Verified third party Cradle to Cradle Certified™, FloorScore® Gold, Blue Angel, TUV Profi Cert, and M1 certificate are available.
Option 1 (Adhesives). Verified third-party FloorScore® certificates for MI 2500 Spray Adhesive and Perma-Bond Adhesive are available.
Option 2. Budget Calculation Method.

Subfloor Preparation

Document every process of the testing, preparation and installation with video or photographs.

Warning

The Occupational Safety and Health Administration (OSHA) has exposure limits for people exposed to respirable crystalline silica; these limits must be followed. All local, state and federal regulations must be followed, this includes but is not limited to the removal of in-place asbestos containing material. Do not install over a chemically abated subfloor, contact the technical department first.

Concrete Subfloors

Unless stated otherwise, follow the requirements of ASTM F710. If the subfloor has standing water, hydrostatic pressure, ASR, or if a chemical adhesive remover has been used, do not install; contact the Technical Department.

The substrate must also be smooth (ridge-free) with a flatness tolerance of ≤ 3/16-inch over 10-foot maximum plane variation and if required, smooth using a commercial grade (≥ 3000 psi.) suitable leveling underlayment or skim coat with a suitable patching compound. Follow the manufacturer's written instructions and limitations which must also meet the moisture requirements / test results for the project including allowing sufficient time to dry / cure.

Porosity

When using Perma-Bond Adhesive, the substrate must be porous. Test for porosity according to ASTM F3191, the water droplet must be absorbed into the concrete within 5 minutes to be considered porous. Diamond grinding (or similar) to make the concrete surface porous is acceptable. Alternatively, any leveler or patch used must be at least 1/8th-inch thick to be considered porous.

On & Below Grade

All on and below grade concrete slabs must have a confirmed and effective vapor retarder installed directly underneath the slab that meets the requirements of ASTM E1745. If this cannot be confirmed, then use an appropriate moisture mitigation system.

Moisture Mitigation System

If the moisture test results are too high, making the surface porous and allowing it to dry to an acceptable level is recommended. If that is not possible, then we recommend only moisture mitigation systems that conform to ASTM F3010, which must be applied following the manufacturer's written instructions.

Other products like floating or bonded membranes are available; these are not covered by our limited warranty. Only adhesives suitable for non-porous substrates must be used over such membranes and Mats Inc. will only provide a one-year product defect warranty unless it is a recommended Mats Inc. product.

Joints & Cracks

Do not install over any expansion or moving joints as any subfloor movement may cause installation failure. Use a suitable industry standard expansion joint assembly system, as required.

Gypsum Subfloors

Unless stated otherwise, all Gypsum subfloors must be prepared in accordance with ASTM F2678. The gypsum products must be installed following the manufacturer's written installation instructions including any requirements for priming. The substrate must be smooth (ridge-free) with a minimum flatness and gradient tolerance of ≤ 3/16-inch over 10-foot.

Wooden Subfloors

Unless stated otherwise all wooden subfloors must be prepared in accordance with ASTM F1482. The substrate must be clean (without contaminates), dry (≤ 8% moisture content).

Wood floors must be double layer construction with a minimum total thickness of 1-inch. The subfloor must be rigid, free from movement, and have at least 18-inches of well-ventilated air space below. Sleepers must not be directly in contact with concrete or earth, and the ground beneath the subfloor must be covered by a suitable vapor retarder. Do not install directly over Masonite™, Lauan, fire retardant, particle or chipboard. The substrate must also be smooth (ridge-free) with a minimum flatness and gradient tolerance of ≤ 3/16-inch over 10-foot.

All Other Subfloors

For all other subfloor/substrates, please contact the Technical Department before proceeding.

Storage, Conditions & Acclimatization

Storage

Rolls may be shipped laying down. If shipped in this manner, place them in an upright position on a clean, flat, solid surface in an interior, climate controlled space. The area must be secure and fully enclosed from the weather. Never store the rolls laying down or outdoor.

Planks and Tiles must be stored flat and neat (without overhanging). If appropriate, they can be left on the transport pallet. Never store outdoor.

Caution should be used in the moving and lifting of rolls. Allow for appropriate equipment and manpower to safely move materials. Work safe and always follow the relevant safety procedures.

Conditions

The conditions of the project and on-site storage area must be at a constant (± 5°F) service temperature, that is also between 68°F and 80°F with ambient relative humidity between 35% - 65% for at least 48 hours before acclimatization begins and for 72 hours after installation. The substrate must also be at least 5°F above the dew point.

Acclimatization

Rolls: All rolls must be unwrapped, cut to the required lengths and placed in the correct conditions, onto the prepared substrate for a minimum of 2 hours to acclimate properly, before the application of adhesive. During that time, it is allowed to cut the seams as detailed in the installation section.

Plank & Tiles: The boxes must be stored flat (without stacking) in the correct conditions, for at least 8 hours before installation, to acclimate properly.

Windows etc. where sunlight may shine onto the subfloor, must be covered for 2 hours prior, during, and for 72 hours after installation using blinds, cardboard or similar.

Installation Instructions

Required Tools

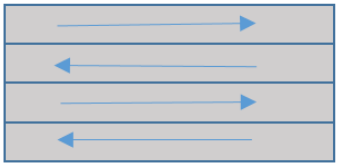
Flooring: Personal protective equipment (PPE) – Hepa filtered vacuum – 3M® Easy Trap Duster – tape measure – adhesive trowel and spare blades, 1/16-inch square notched (FCA) – cork board – straight edge – pencil – string line – utility knife with blades – scribing tool – thermo-hygrometer – 100-lb. three section roller – Infrared thermometer – Wolff GreenCut (rolls) – guillotine cutter (tile/planks) – camera phone.

Welding: Hot air welding gun with 5 mm round speed nozzle – automatic grooving machine with a new 3.5mm blade – Mozart trimming tool.

Layout

Follow the detailed layout drawings provided or agreed upon by the designer, architect or end user. Calculate and mark out your start lines using a string line, straight edge, and pencil.

All sheet installations must be installed in alternating directions as shown below; pattern matching is not required for wineo PURline®; however, the wood designs must be lined up properly.



Rolls

First, ensure the area is clean and dust free using a Hepa filtered vacuum. Dry-lay (without adhesive) the flooring in the correct positions (alternating direction) following you start lines while lapping up the wall at each end and overlapping the seams by at least 1-inch. Allow 2 hours for the flooring to acclimate, during this time we recommend to scribe or cut-in the sides to a snug fit.

For all final or finish cuts, first partially cut through the flooring (approximately halfway through) using a straight or concave bladed utility knife, then with a second pass finish the cut using a hook blade. This process will avoid fracturing the edge.

For the seams, trim off the top edge at each seam (about ½ inch) using an edge trimmer like the “WOLFF GreenCut” (highly recommended) or similar and then trace cut the lower sheet again using a “WOLFF GreenCut” or similar, resulting in a snug fit (without compression fitting the seams).

Once the sheets are in position, trimmed and acclimated, remove all trash (offcuts) and carefully pull back approximately half of each sheet (on top of itself) to expose the substrate. Apply the selected adhesive as detailed below. When placing the sheets into the adhesive make sure the seams are not compressed, they must be flush. Only if the seams are to be heat welded is a slight gap permitted (utility blade thickness).

Tiles and Planks

After marking your start lines using a straight edge and pencil, ensure the area is clean and dust free using a Hepa filtered vacuum. Apply the adhesive only to a workable area of flooring at a time following the application instructions, then continue the installation making all cuts as you go with either a guillotine cutter or utility knife, one section at a time until completed.

Flash Coving

This product may be flash coved, and pre-formed corners are available at the time of ordering the flooring. Please discuss with Mats Inc. Technical Specialist prior to installation. Do not use the “Butterfly” method.

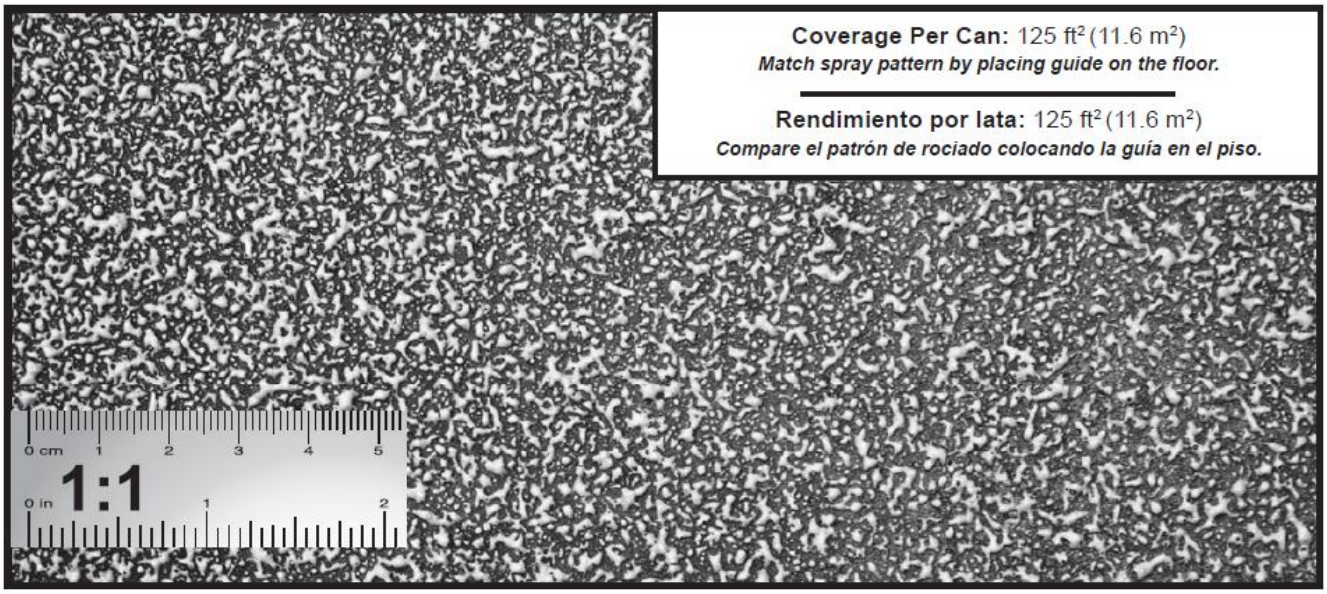
Option A – MI 2500 Spray Adhesive

95% RH is the maximum allowable moisture content for concrete subfloors when tested following the protocol of ASTM F2170.

Mark out the floor (pencil) into ~ 125 square foot sections, for sheets installations, mark out the location of all seams. Clean the substrate again using a flat mop and "3M® Easy Trap Duster sheets", or similar. Wipe your hand across the substrate, if dust is transferred then repeat or wash the floor until it is clean.

Shake the aerosol cans well before use. Protect from overspray using a spray shield, cardboard or similar. Spray the adhesive 20-30 inches from the substrate while walking from right to left. The adhesive should spray out in a white mist and fall like snow, with the following spray pattern.

Apply MI 2500 Spray Adhesive, at ~ 125 square foot / can, however, all sheet flooring requires twice as much adhesive to both the perimeter and underneath all seams.



Do not crouch when applying the adhesive. Insufficient adhesive can result in an installation failure and void the warranty.

Wait 10-20 minutes for adhesive to be dry-to-the-touch before installing the flooring. There should be no transfer of adhesive to finger. The flooring must be installed within 2 hours. Do not allow the adhesive to over-dry, become contaminated with dust or similar.

Carefully position the flooring (without trapping air) correctly, making sure all seams are tightly butted, without pressure fitting. Roll the floor slowly using a three-section 100-lb. roller in both directions, (width then length) to remove any air pockets and ensure adhesive transfer. Repeat these steps for the remainder of the floor.

Immediately remove any overspray of the adhesive using a clean damp cloth; if fully cured then use 70% Isopropyl alcohol.

Option B – Perma-Bond Adhesive

90% RH is the maximum allowable moisture content for concrete subfloors when tested following the protocol of ASTM F2170.

Do not use Perma-Bond over any non-porous substrate.

Apply Perma-Bond Adhesive using a 1/16-inch x 1/16-inch x 1/16-inch square-notched trowel (FCA). The adhesive must be applied holding the trowel at an angle of approximately 60° to the prepared substrate without voids or puddles. Do not make any sharp turns with the trowel to avoid an uneven application of the adhesive. Replace all worn trowels (every 4 gallons) to ensure proper spread rate; do not re-notch.

After approximately 20-30 minutes of open time (depending on site conditions), carefully re-lay the flooring, without trapping air, into its correct position. Do not pressure fit the seams; they should simply be flush. Use a cork board to remove all air pockets. Roll the floor slowly using a three-section 100-lb roller in both directions (width then length) to ensure adhesive transfer. Remove any adhesive from the surface using a clean damp cloth. Repeat these steps for the remainder of the floor. Once finished, roll the entire floor again, until no longer required.

Heat Welding Process

Only when required, typically for sterile or wet areas, wineo PURline® sheet flooring seams must be heat welded using the heat weld method according to ASTM F1516. Practice on scrap material (bonded to a substrate) before welding the actual floor to become familiar with the products. Test the strength by tugging at the welding rod, which should break before pulling away from the flooring.

Heat welding is not permitted until the adhesive is cured sufficiently. MI 2500 Spray Adhesive must have least one (1) hour, and Perma-Bond Adhesive must have at least twelve (12) hours cure time, before heat welding.it

Mechanically groove the joint open with an electric groover to a depth of 2mm and ~ 3.5mm wide. Ensure the groove is equal on both sides and the blade is not worn. All dust and debris must be removed from the prepared groove.

Weld using a hot air welding gun set to 842°F (450°C) and a 5 mm weld rod speed. Recommended steady speed is approximately 8 ft. per minute however that may need adjusting by the installer. It is important to make sure that the "wash" is present on both sides of the applied welding rod. Make sure the nozzle is directly over the gap and not leaning over to one side.

Weld approximately 15-foot at a time, as the first trim needs to be completed while the welding rod is still warm using a Mozart trimming knife with the 0.7 mm spacer claw. Another option is to have a second person perform the first trimming before the welding rod cools.

Trimming: After another fifteen minutes to allow the welding rod to fully cool, use the Mozart without the spacer claw to finish trimming the remainder of the weld. The finished weld must be smooth, glazed and on the same plane as the flooring.

Note: Glazing must be performed on wineo PURline® heat weld after cooling and the final trim. This is achieved by using a hot weld gun and melting the surface of the trimmed weld rod (until glossy) and allowing it to cool. During this process do not touch the flooring or weld with the hot nozzle to avoid any damage.

Finish Installation

Clean up all debris, take photographs and if required, protect the flooring from traffic and have the end user or representative sign a "Job Completion Ticket".

Maintenance Instructions

Precautions

Do not perform any wet maintenance procedures for 72 hours after the installation to allow the adhesive to cure. Always post "wet floor" signs and/or "caution tape" when wet maintenance is going to be performed. Prohibit foot traffic until the floor is completely dry. Remove all metal objects prior to wetting the flooring. Follow facility's Standard Operating Procedures (SOP).

Do not use dust mops treated with oils or silicones, acetone, strong alkaline cleaning agents, scouring powder, strong solvents, or abrasive cleaning pads, as these can damage the product.

wineo PURline® does not require waxing, buffing, or stripping. There is no need to apply any type of floor finish.

Initial Cleaning (after installation)

Dust mop or vacuum the floor to remove dirt or grit. This is the single most important maintenance activity for preserving the appearance and performance of the floor and is typically the most overlooked and omitted.

Wet mop the entire floor using a suitable neutral cleaning solution like Diversey Profi or similar. Allow the solution a dwell time of approximately 5 minutes. Scrub the flooring using a suitable auto-scrubbing machine or floor scrubber (~ 175 RPM) with a red pad. For small areas, a soft nylon broom and wet vacuum may also be used. Wet vacuum up the soiled solution. Rinse with clean water. Remove using a wet vacuum, and allow the floor to dry.

Chewing Gum Removal

Remove chewing gum with a gum removing spotter. If a solvent is used for removing gum, immediately rinse the floor with clean water and allow to dry.

Daily Cleaning

Dust mop or vacuum the floor to remove dirt or grit and follow one of the following options:

A. Damp mop using a flat microfiber mop and a suitable neutral cleaning solution like Diversey Profi or similar. Change the microfiber head as often as required (each patient room), and allow the floor to dry prior to use.

B. Steam clean the floor using a suitable steam cleaner and microfiber pads and distilled water (Daimer KleenJet Mega 1000CVP and Telescopic Vapor Steam Mop, or similar). This is an ideal method for patient and small rooms. Allow the floor to dry prior to use.

   Change the microfiber head often as required (each patient room) and do not allow the steam to stay stationary on the flooring for more than 5 seconds.

C. Large or heavily trafficked areas should use a suitable auto-scrubbing machine or floor scrubber (~ 175 RPM) with a red pad and a suitable neutral cleaning solution like Diversey Profi or similar. Scrub and wet vacuum up the soiled solution. Rinse with clean water. Remove using a wet vacuum, and allow the floor to dry prior to use.

Deep Cleaning

This may be required when your routine cleaning is not meeting your expectations. Dust mop or vacuum the floor to remove dirt or grit.

Wet mop the entire floor using a suitable neutral cleaning solution like Diversey Profi or similar. Allow the solution a dwell time of approximately 5 minutes. Scrub the floor using a suitable auto-scrubbing machine or floor scrubber (~ 175 RPM) with a red pad. For small areas, a medium nylon broom and wet vacuum may also be used. Scrub and remove the soiled solution using a wet vacuum. Rinse with clean water. Remove using a wet vacuum, and allow the floor to dry prior to use.

Sterile Areas (OR's, etc.)

Perform the following maintenance between surgeries and prior to using the OR:

Remove all litter from the floor, and place into waste containers. Damp mop the floor using an EPA-registered disinfectant cleaner, and allow the floor to dry prior to use (check with SOP).

Mopping with microfiber mops is preferred as it promotes better dirt removal.

Note: Disinfectant cleaners leave a residue behind that can lead to stickiness, especially if over applied and must be removed to avoid it building up. "Daily Cleaning" is required at least weekly using a suitable auto-scrubbing machine or floor scrubber (~ 175 RPM) with a red pad and a suitable neutral cleaning solution like Diversey Profi or similar. Scrub and wet vacuum up the soiled solution. Allow the floor to dry. Damp mop the floor using an EPA-registered disinfectant cleaner, and allow the floor to dry prior to use (check with SOP).

matsinc.®
Every step of the way

Limited Warranty

Mats Inc. ("SELLER") warrants that wineo PURline® (the "Product") sold to the first end user ("END USER") will be free of manufacturing defects in materials provided that Product is stored, installed, and maintained strictly in accordance with the SELLER's instructions for a period as provided in Section IV of this Limited Warranty.
Receipt and installation of the Product constitutes acceptance of this Limited Warranty and all of its terms, conditions, limitations, and disclaimers. This Limited Warranty applies only to installations sold to the first END USER of the Product and becomes void on the transfer or sale of the Product or the use of the Product by any party other than END USER.

I. Installation and Maintenance Requirements

This Limited Warranty applies only if:
The Product is installed on a properly prepared subfloor as detailed within the product installation instructions and ASTM F710 Standard Practice for Preparing Concrete Subfloors to Receive Resilient Flooring; and
The Product is installed properly following the published installation instructions by professional flooring installers experienced at installing commercial resilient floor covering products and having sufficient professional liability insurance coverage (aka Errors and Omissions Insurance) for the project; and
The Product is maintained according to the SELLER's instructions furnished to END USER at the time of purchase; and
The Product is not misused or abused, and there is no evidence of mishandling, neglect, modification or repair without the approval of SELLER or damage done to the product by anyone other than SELLER.

II. Method for Obtaining Warranty Service

To obtain a replacement product under this Limited Warranty, END USER must:
Provide SELLER with a written notice of any alleged defect within the warranty period stated in Section IV and ten (10) days of its discovery; and
Ship the photographs of the defective product(s) to SELLER at 179 Campanelli Pkwy., Stoughton, MA 02072 with mailing or shipping charges prepaid ("Warranty Claim Procedures").

III. Warranty Service Period

If the Product shall be proved to SELLER's satisfaction to be defective, within the applicable warranty period described below, SELLER's obligations under this Limited Warranty shall be limited to either repairing or replacing the Product, at SELLER's sole discretion, if such defect was caused solely by defective materials. Such repair or replacement shall be the SELLER's sole obligation and END USER's exclusive remedy hereunder and shall be conditioned upon END USER fulfilling its obligations under SELLER's Warranty Claim Procedures.
Pursuant to Subsection (A), SELLER's warranty services will specifically include providing END USER with alternative floor covering of comparable quality and/or carry out necessary repairs of the Product to cover the remainder of the warranty period. This includes material cost only and does not include labor.

IV. Warranty Period

This Limited Warranty of the Product, and any implied warranties provided to END USER by state law not otherwise excluded or disclaimed in this Limited Warranty, apply for ten (10) years, starting from the date of shipment of the Product from SELLER's manufacturing or distribution facilities, including motor drive or other means of transportation.

V. Exclusions from Warranty

This Limited Warranty does not apply to Product which has been discontinued or to a particular color or design which has been discontinued at the time of sale or to Product sold as seconds or B- grade.
The following is not included under this Limited Warranty:

1. Color deviations as compared to physical, printed, and/or electronic representations of the Product;
2. Damage caused by improper storage and handling of the Product;
3. Product delivered damaged unless the SELLER is notified as soon as the Product is received;
4. Damage resulting from inadequate protective matting at entryways including from sand and/or grit;
5. Damage or Product failure including adhesive and accessories as a result of either improper subfloor preparation, installation or maintenance;
6. Damage caused by the failure of any other product from either defect or workmanship including but not limited to moisture mitigation system, primer, leveling or patching compound;
7. Damaged caused by exposure to petroleum distillants (solvents, chlorine, acidic chemicals) or industrial oils;
8. Damage caused by excessive moisture and alkali in the subfloor (above the published adhesive moisture limit);
9. Damage caused by misuse, unreasonable use, abuse and/or negligence, including any indentation to the Product from spiked heels or any heavy point loading in excess of the published static load limit when tested in accordance with ASTM F970;
10. Damage caused by furniture, appliances, fixtures, and equipment that is not properly leveled with appropriate protective glides, casters and/or floor protectors;
    a. Glides must be a minimum of 1" in diameter.
    b. Glides must be flat, smooth and slightly rounded.
11. Damage caused by extended direct exposure to sunlight (UV);

Labor costs for removing and/or re-installing replacement and associated freight costs are not covered under this warranty.

VI. Limitations on Warranty

This Limited Warranty is provided by SELLER, and it contains the only express warranty provided to END USER by SELLER. SELLER does not authorize any other person to give any other warranties on SELLER's behalf.
SELLER disclaims any express warranty not provided herein and any implied warranty, guarantee or representation as to performance, quality and absence of hidden defects, and any remedy for breach of contract, which but for this provision, might arise by implication, operation of law, custom of trade or course of dealing, including implied warranties of merchantability and fitness for a particular purpose. SELLER further disclaims any

responsibility for losses, expenses, and inconveniences, special, indirect, secondary or consequential, incidental, and contingent damages whatsoever, including damages arising from ownership or use of the product.
Implied warranties in jurisdictions where they may not be disclaimed shall be in effect only for the duration of the express warranty set forth herein. If END USER has a claim under this Limited Warranty or under any implied warranties provided to END USER by state law, END USER may not file a court action based on that claim any later than one (1) year after END USER's right to file a court action accrues. In those states which do not allow this limitation on the time period for filing a court action, this provision is inapplicable.

VII. Sellers Liability

SELLER's liability with respect to the Product sold to END USER shall be limited to the warranty provided herein. SELLER shall not be subject to any other obligations or liabilities, whether arising out of breach of contract, warranty, tort (including negligence and strict liability) or other theories of law, with respect to products sold or services rendered by SELLER, or any undertaking, acts or omissions relating thereto.
Without limiting the foregoing, SELLER specifically disclaims any liability for property or personal injury damages, penalties, special or punitive damages, damages for lost profits or revenues, services, downtime, shut down or slow down costs, or for any other types of economic loss, and for claims of END USER's customers or any third party for any such damages. SELLER shall not be liable for and disclaims all consequential, incidental and contingent damages whatsoever.

VIII. Miscellaneous

Any description of the Product, whether in writing or made orally by SELLER or SELLER's agents, specifications, samples, models, bulletins, drawings, diagrams or similar materials used in connection with END USER's order, are for the sole purpose of identifying the Product and shall not be construed as an express warranty. Any suggestions by SELLER or SELLER's agents regarding use, application, or suitability of the Product shall not be construed as an express warranty unless confirmed in writing by SELLER to be such.

Related Documents

AATCC 134 Electrostatic propensity of carpets test methodology measures the floors tendency to generate a charge
ASTM C518 Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
ASTM D2047 Standard Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine
ASTM D2240 Test Method for Rubber Property – Durometer Hardness
ASTM D4060 Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser
ASTM E648 Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source
ASTM E662 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials
ASTM E1007 Standard Test Method for Field Measurement of Tapping Machine Impact Sound Transmission Through Floor-Ceiling Assemblies and Associated Support Structures
ASTM E1745 Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs
ASTM E2179 Standard Test Method for Laboratory Measurement of the Effectiveness of Floor Coverings in Reducing Impact Sound Transmission Through Concrete Floors
ASTM F386 Standard Test Method for Thickness of Resilient Flooring Materials Having Flat Surfaces
ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring
ASTM F925 Standard Test Method for Resistance to Chemicals of Resilient Flooring
ASTM F970 Standard Test Method for Measuring Recovery Properties of Floor Coverings after Static Loading
ASTM F1482 Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring
ASTM F1514 Standard Test Method for Measuring Heat Stability of Resilient Flooring by Color Change
ASTM F1515 Standard Test Method for Measuring Light Stability of Resilient Flooring by Color Change
ASTM F1516 Standard Practice for Sealing Seams of Resilient Flooring Products by the Heat Weld Method
ASTM F2055 Standard Test Method for Size and Squareness of Resilient Floor Tile by Dial Gage Method
ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Slabs using *in-situ* Probes
ASTM F2199 Standard Test Method for Determining Dimensional Stability of Resilient Floor Tile after Exposure to Heat
ASTM F2421 Standard Test Method for Measurement of Resilient Floor Plank by Dial Gauge
ASTM F2678 Standard Practice for Preparing Panel Underlayments, Thick Poured Gypsum Concrete Underlayments, Thick Poured Lightweight Cellular Concrete Underlayments, and Concrete Subfloors with Underlayment Patching Compounds to Receive Resilient Flooring
ASTM F3010 Standard Practice for Two-Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings
ASTM F3191 Standard Practice for Field Determination of Substrate Water Absorption (Porosity) for Substrates to Receive Resilient Flooring
ASTM G21 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

ASTM documents are available from www.astm.org