Panorama Living Color

Technical Data

Description

Panorama Living Color is a non-vulcanized, non-laminated tile product with homogeneous color, composed of post-consumer recycled SBR combined with low odor EPDM rubber granules, bound with a proprietary slow-cured MDI water-based polymer.

Panorama Living Color offers the versatility, comfort, and style of carpet with the wear performance, non-allergenic properties and easy to clean features of resilient flooring. A flooring solution that provides sound insulation, energy savings, underfoot comfort, slip resistance, stain resistance that is easy to clean and install, with good wear and non-allergenic properties, while still providing the flexibility for individual creative design.

With Panorama Living Color you can create a palette of your own to mix up the perfect combination of color using Mixology®, the online flooring design program that's quick and easy-to-use. Select your colors, mix them up, see your design simulated in an actual setting and order a sample.

General Information

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. 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.

Adhesive & Coverage

Duo-Bond Adhesive, coverage is ~ 100 square foot / gallon

Apply using a 1/16 inch x 1/16 inch x 1/16 inch V-notched trowel (ACT).

Concrete Moisture Limits

80% RH and the surface must not exceed 9 pH and have an effective vapor retarder when using adhesive.

For interlocking tiles, the surface must be porous and have an effective vapor retarder.

Note: It may not be the flooring contractor’s responsibility to conduct moisture testing. It is, however, the floor contractor’s responsibility to make sure these tests have been conducted and that the results are acceptable prior to installation.

Test following the protocol of ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes, the results must not exceed the published limits.

All on or below grade concrete subfloors must have a confirmed effective vapor retarder pre-installed underneath that meets the requirements of ASTM E1745 Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs. If not, then use a moisture mitigation system that conforms to ASTM F3010 Standard Practice for Two-Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings. This system must be applied following the manufacturer’s written instructions.
## Note
All ASTM documents are available from astm.org.

### Sizes & Weights
| Square-cut: ~ 38” x 38” (965mm x 965mm), thickness options are 4mm, 6mm, 8mm, 10mm or 12mm.  
Interlocking: ~ 37” x 37” (940mm x 940mm), thickness: options are 8mm, 10mm or 12mm.  
Weight: Depending on cut and thickness, available upon request. |

### Burning Characteristics
Meets Class 1 or 2, depending on color.

| ≥ 50% color meets Class 1 per ASTM E648 Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source, which requires ≥ 0.45 w/cm² or higher.  
< 50% color meets Class 2 per ASTM E648 Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source, which requires ≥ 0.22 w/cm² or higher. |

### Slip Resistance
0.95 (dry) and 0.96 (wet)
When tested to ASTM D2047 Standard Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine, the results were 0.78.

### Abrasion Resistance
0.28%
Tested according to ASTM D3389 Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Double-Head Abrader) using an H-18 abrasion wheel with 1.1 lbs. for 1,000 cycles.

### Staining
Exceeds requirements.
Exceeds the requirements of ASTM F925 Standard Test Method for Resistance to Chemicals of Resilient Flooring.

### Indenting
Pass.
Tested according to ASTM F970 Standard Test Method for Measuring Recovery Properties of Floor Coverings after Static Loading, requiring a residual indentation of ≤ 0.005-inch.

### Electrostatic Properties
≤ 0.4 kV.
The AATCC 134 Electrostatic Propensity of Carpets test methodology measures the floors tendency to generate a charge. Simply stated, it measures the amount of static generated by a Neolite shoe sole stepping on a surface in a controlled room environment at 72°F and 20%R.H. When tested according to this test method the results are ≤ 0.4 kV.

### Shore Hardness
70 Shore Hardness A.

### Warranty
10 years, see below for details.

## LEED v4

### Information
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.

Panorama Living Color 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.

**v4 MRc1: Material and Resources – Building life-cycle impact reduction:**
Option 3. Building and material reuse. This product 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 MRc3: Material and Resources – Building product disclosure and optimization, sourcing of raw materials:**
Option 2. Sourcing of raw materials.
Materials reuse. Reuse includes salvaged, refurbished, or reused products.
Recycled content. Recycled content varies by color; please contact customer service for specific values.

**v4 EQc2: Indoor Environmental Quality – Low emitting materials:**
Option 1 (Flooring). General emissions evaluation. Verified third-party FloorScore® certificate is available and meets the CA 01350 requirements.
Option 2. Budget Calculation Method.

**V4 INc1: Innovation:**
The floating, interlocking or dowel installation system removes the requirement of using any flooring adhesive. In addition, the creative subfloor preparation method negates the need for epoxy mitigation systems while avoiding mold and IAQ issues.

### Conditions & Storage

#### Conditions
Areas must be enclosed weather tight and properly conditioned at a constant (± 5°F) service temperature that is between 65°F and 80°F with ambient relative humidity between 35% - 65%. In addition, the substrate surface must be at least 5°F above dew point for 72 hours prior to, during, and for 24 hours after the installation.

**Note:** Dew point calculators are available on the web. Windows etc. must also be covered for 2 hours prior, during, and for 24 hours after installation.

#### Storage
Do not stack pallets and store in dry conditions between 65°F and 80°F.

### Preparation

#### Warnings
All Safety Data Sheets (SDS) and Warranty requirements must be read, understood and followed. 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.
**Wooden Subfloors**

Unless stated otherwise all wooden subfloors must be prepared in accordance with ASTM F1482 Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring. The substrate must be clean (without contaminates), dry (≤ 8% moisture content) and structurally sound and smooth enough for the project.

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 products, particle or chipboard. Then proceed to “Smooth & Flat”.

**Note:** Joints in plywood may show (mirror) through to the finished flooring as wood will expand and contract with changes in ambient humidity levels.

**Gypsum Subfloors**

Unless stated otherwise all Gypsum subfloors must be prepared in accordance with 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. Then proceed to “Smooth & Flat”.

**Concrete Moisture (Square cut tiles)**

**Vapor Retarder & Mitigation:**

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 Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs. If this cannot be confirmed then use a moisture mitigation system that conforms to ASTM F3010 Standard Practice for Two-Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings. This system must be applied following the manufacturer’s written instructions.

**Moisture Limit:**

Testing must be performed in accordance with the current ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes. The results must not exceed the limits of the adhesive being used.

**Concrete Porosity (Interlocking tiles)**

For interlocking tiles, the concrete subfloor must be porous. Test for porosity according to ASTM F3191 - Standard Practice for Field Determination of Substrate Water Absorption (Porosity) for Substrates to Receive Resilient Flooring.

**Note:** The water droplet must be absorbed within 5 minutes to be considered porous. Diamond grinding (or similar) the concrete surface open to make it porous is acceptable.

**Concrete Subfloors**

Unless stated otherwise, all concrete subfloors must be prepared in accordance with ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring. The substrate must be clean (without contaminates), structurally sound and smooth enough for the flooring and end user. When required, use only commercial grade leveling or patching compounds with ≥ 3000 psi that also meet the moisture requirements of the subfloor. If the subfloor has standing water, hydrostatic pressure, ASR, or if chemical adhesive removers have been used, do not install; contact the Mats Inc. Technical Department.

**Underfloor Heating:**

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

**Joints & Cracks:**

No expansion joint or moving joint should be covered over or filled as subfloor movement may cause installation failure. Use a suitable industry standard expansion joint assembly system as required.
Leveling & Patching Compounds:
If required, meet the “Smooth & Flat” requirements (below), using a commercial grade (≥ 3000 psi) suitable leveling underlayment or suitable patching compound, following the manufacturers written instructions and limitations. These must also meet the given moisture level and allow it to cure fully/dry before proceeding.

Other Subfloors
Do not install over any rubber floor; for all other subfloor/substrates contact Mats Inc. Technical Department. Mats Inc. accepts no liability for any failure due to other manufacturers flooring products or the possible breakdown of that flooring bond from the subfloor for any reason.

Smooth & Flat
All substrates must be both smooth (ridge-free) and with a minimum flatness and gradient tolerance of ≤ 3/16-inch over 10-ft.

Installation Instructions

Acclimating
Do not stack pallets and store in dry conditions between 65°F and 80°F.
For the project, the tiles must be stacked no more than ten tiles high on a flat, parallel and level floor on site for at least 72 hours to acclimate, if the material is distorted or otherwise damaged during storage or transportation, do not install it.

Note: Do not turn over any tiles during the re-stacking process as this can lead to a shade variation in color. Measure the length, width, and thickness of the tile at the top of the stack and tiles at the bottom of each stack. If they do not match then do not proceed with any adhesive or cutting until they do. This can be a result of remaining stacked for two weeks or more and could take up to 72 hours longer to acclimate, dry laying them helps reduce the time required.

Tools

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.

Both Panorama Living Color square cut and interlocking tiles must be installed using the ashlar (brick bond) method.

Square Edge Tile Installation (with adhesive)
Recommendation: Perform a simple adhesive test to determine the amount of open time with your given site conditions, in an area away from your start lines. Apply ~ one square foot of Duo-Bond adhesive using the correct notched trowel on the prepared substrate and record the “working time”. Every ten minutes use a finger-tip with a light touch to see when there is no longer adhesive transfer to your finger. This must be regarded as the end of the “working time”. Remove the adhesive test. When installing it is the flooring contractor’s responsibility to take into consideration the working time of the adhesive and make adjustments for areas that will dry faster or slower due to air movement etc.

Note: Install rubber tile flooring same side up as received. Reversing tiles may result in visible shade differences in the finished surface.

Each tile is marked with a sticker stating: “THIS SIDE DOWN” (as shown below) do not remove these labels until the final glue down commences. Make sure that all tiles are laid down with the "label" pointing in the same direction. Framing or uneven distribution of color granules may appear in a tile. This may be improved by rotating the tile 90 degrees or
installing it in a less visible area. Be sure to mix tiles from several different pallets to blend minor shade variations. Install tiles the same side up as received, do not flip over.

**Note:** Do not remove these stickers during the acclimation process. They should not be removed until just prior to installing into the wet adhesive bed.

First, ensure the area is clean using a Hepa filtered vacuum. Using your start line dry lay the tiles from the center outwards (north/south). Make sure that tiles do not run off from your lines. Butt each tile to the prior tile(s), do not pressure fit them. If the first few tiles are not installed correctly, it will adversely affect the entire installation. Install the second row (perpendicular) starting at the center and lay all the tiles into position using the pyramid method following the design and cut all the perimeter tiles to fit last.

Once completed, remove a workable section not too large as the flooring must be installed within the working time of the adhesive (wet-set) resulting in full transfer to the back of the flooring. Neatly stack the tiles (in order) and again clean the substrate.

### Adhesive Application

Do not spread more adhesive than can be covered with a floor covering within the working time. The flooring must be installed into the adhesive while it is still tacky (prior to curing). Periodically lift the material to confirm proper adhesive transfer to the backing. The floor temperature directly affects the setting time. The warmer it gets, the faster the adhesive sets; the cooler it gets, the slower the adhesive sets.

Apply Duo-Bond adhesive with a 1/16 inch x 1/16 inch x 1/16 inch V-notched trowel (ACT) evenly without the formation of puddles or voids. Do not make any sharp turns with the adhesive trowel as this practice can result in uneven, adhesive, drying and bond failure. Never force dry adhesives or patching compounds by using fans. Do not get adhesive on the surface as it is very difficult to remove. If the adhesive has become too dry, then remove and replace it.

**Note:** Do not apply fresh adhesive over drying adhesive (remove it) as this may result in lippage. Replace worn trowels to ensure the proper spread rate and do not re-notch them.

### Square Edge Tile Installation (continued)

Keeping within the "working time", remove the sticker and replace the stacked tiles back into the correct position in the adhesive bed. Immediately after placement into the adhesive bed, slowly roll in both directions using a heavy roller (minimum 100 lbs.) and repeat the rolling process after 1 hour. Only if required, place weights on any lifting edges or corners to ensure proper bonding. Repeat this procedure for the remainder of the project. Do not allow any foot traffic for 12 hours, ice skate blades and cleats for 48 hours or heavy rolling loads for 72 hours.

### Interlocking Tile Installation

First, ensure the area is clean using a Hepa filtered vacuum.

**Note:** Install rubber tile flooring same side up as received. Reversing tiles may result in visible shade differences in the finished surface.

Each tile is marked with a sticker stating: "THIS SIDE DOWN" (as shown below) do not remove these labels until the final glue down commences. Make sure that all tiles are laid down with the "label" pointing in the same direction. Framing or uneven distribution of color granules may appear in a tile. This may be improved by rotating the tile 90 degrees or installing it in a less visible area. Be sure to mix tiles from several different pallets to blend minor shade variations. Install tiles the same side up as received, do not flip over.
Start from the center of the room ensuring that the tile is laid exactly along the pencil lines. Work outward from the first tile in both directions, assure a tight fit by tapping the interlocking edges together using a rubber mallet while making sure that tiles do not run off the guidelines. Start the second row etc. (brick-bond) also at the center of the area and continue to complete it per the design.

**Note:** Cut the perimeter tiles to fit last.

### 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 facilities Standard Operating Procedures (SOP). All Safety Data Sheets and product label instructions must be read, understood and followed prior to using the product.

**Initial Cleaning (after installation)**

Dust mop or vacuum the floor to remove dirt or grit.

**Note:** 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.

Damp mop the entire floor using Mats Inc. Duo-Clean or a suitable neutral cleaning solution like Diversey Profi™/MC. Apply using a flat microfiber mop and change the microfiber head as often as required and allow the floor to thoroughly dry. Large areas can also be cleaned using an auto-scrubbing machine with a soft nylon brush.

**Floor Finishes**

In certain types of applications, it is possible to maintain Panorama Living Color flooring without the use of any floor finish. Light traffic areas or moderate traffic areas with aggressive cleaning and entrance mat programs are potential floors for a "non-coated" system.

Depending on traffic conditions, available personnel, equipment and desired gloss level, there are some options for maintaining Panorama Living Color flooring. Mats Inc. Duo-Seal or a suitable floor finish like Diversey Carefree® Matte Floor Finish is recommended for installations with high foot traffic conditions such as retail or office environments. Tiles
with a predominance of light-colored EPDM will also be easier to maintain if a Duo-Seal is applied. Please contact your sales representative for specific recommendations.

This is strongly recommended in high traffic applications. First, perform a “Deep Cleaning” (section 6) and allow the floor to dry fully.

Use Mats Inc. Duo-Seal or a suitable product like Diversey Carefree® Matte Floor Finish, apply three thin coats of a using a flat microfiber mop. Allow drying time between each coat, however, while the third application of Duo-Seal is still wet, buff the floor with a floor scrubber (~ 175 rpm) and soft nylon brush. Prohibit foot traffic for a minimum of 2 hours after application; this time may vary due to temperature and humidity.

Re-application: The frequency for re-applying Duo-Seal will vary based on the application, traffic, and end-user preferences. To reapply, always perform a “Deep Cleaning” and allow the floor to fully dry first.

### Daily Cleaning

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

1. Damp mop using a flat microfiber mop and a suitable neutral cleaning solution like Diversey Profi or similar. Change the microfiber head often as required, and allow the floor to dry before use.

2. Large or heavily trafficked areas should use a suitable auto-scrubbing machine or floor scrubber (~ 175 RPM) with a soft nylon brush and a suitable neutral cleaning solution like Diversey Profi or similar. Scrub and wet vacuum up the soiled solution.

### Deep Cleaning

Dust mop or vacuum the floor to remove dirt or grit. For the removal of stubborn dirt, wet scrub the floor with Duo-Clean or a suitable neutral cleaner like Diversey Profi™/MC. This should be performed using a suitable auto-scrubbing machine or floor scrubber (~ 175 RPM) with a Diversey Purple Pad or 3M™ Red Buffer Pad. For small areas, a soft broom and wet-vacuum may also be used.

Allow solution a dwell time of ~ 5 minutes. Scrub and wet vacuum up the soiled solution.

Rinse with clean water and allow to dry fully.

**For Applications with Floor Finish:** Apply two thin coats of a suitable Duo-Seal or a suitable product like Diversey Carefree® Matte Floor Finish suitable using a flat microfiber mop. Allow the first coat to fully dry, then while the second application of finish is still wet, buff the floor with a floor scrubber (~ 175 rpm) and soft nylon brush. Prohibit foot traffic for a minimum of 2 hours after application; this time may vary due to temperature and humidity.

### Additional Information

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.

Do not use soft chair caster wheels on office chairs. Wheels must be hard (polyamide, not polyurethane) so that they will roll easily, preventing unnecessary wear and tear on the flooring.

Do not use certain materials (for example in rubber feet, rubber mat, shopping carts) if they will be in contact with the floor for a long time, as they can cause discoloration that cannot be removed.

**Note:** These instructions supersede any verbal or written instructions from Mats Inc. representatives, and must be followed for the Panorama Living Color warranty to be in effect.

### Limited Warranty

Mats Inc. (“SELLER”) warrants that Panorama Living Color (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:

(A) 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
(B) The Product must be installed properly following the 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
(C) The product is maintained according to the SELLER’s instructions furnished to END USER at the time of purchase; and
(D) 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:

(A) 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
(B) 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 Provided

(A) 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 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.
(B) 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

(A) 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.
(B) The following is not included under this Limited Warranty:
   1. Color deviations as compared to physical, printed, and electronic representations;
   2. Damage including scratches, splinters or marks on the Product from shipping, unless SELLER is notified as soon as the Product is received by the END USER;
   3. Damage caused by improper storage and handling before installation;
   4. Misuse or abuse of the Product and any use of the product which in the sole judgment of the SELLER is improper (players’ boxes in ice arenas, pivot zones in high traffic areas), commercial kitchens;
   5. Damage or indentation due to spiked heels, pallet jacks, sharp objects or excessive point loading;
   6. Damage due to inadequate protective matting at entryways and landings;
   7. Excessive wear from the presence of sand and/or grit on the installed material;
8. Damage caused by exposure to animal fat, vegetable oil, petroleum distillants (solvents, chlorine, acidic chemicals) or industrial oils;
9. Damage caused by excessive moisture or alkali in the concrete slab;
10. Damage caused by improper installation or maintenance including adhesives, sealers or other accessories;
11. Damage caused by furniture, appliances, fixtures, and equipment that is not properly leveled with appropriate protective glides, casters and/or floor protectors;
   i. Glides must be a minimum of 1 inch in diameter.
   ii. Glides must be flat, smooth and slightly rounded.
12. Damage caused by extended direct exposure to UV sunlight;
13. 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.