

## **Lone Star Spirit – S.P.C**

### **Installation, Warranty, and Care & Maintenance Instructions**

#### **INSTALLATION INSTRUCTIONS:**

##### **PLEASE READ COMPLETELY BEFORE INSTALLATION**

Thoroughly examine the flooring prior to installation for grade, color, finish and quality. Ensure adequate lighting for proper inspection. If flooring is not acceptable, do not install the floor. Please contact the seller immediately and arrange for replacement. Please note our products contain a standard color and pattern variation and installers should be working from multiple open boxes to ensure boards are blended throughout. The manufacturer cannot accept responsibility for installation of flooring with visible defects. Installation of this product warrants the acceptance by the installer or owner for the quality of the material, as well as jobsite conditions in which the material is being installed.

Prior to installation of any flooring, the installer must ensure that the jobsite and subfloor meet the requirements of these installation instructions. All necessary accessories, including trim, must be present at the jobsite prior to beginning installation. The manufacturer is not responsible for flooring failure resulting from unsatisfactory jobsite and/or subfloor conditions.

When purchasing flooring, we recommend adding 5%-15% to actual square footage needed for cutting allowance and to compensate for culled material.

It shall be the responsibility of the Installer to document installation date, product SKU and Lot information, subfloor moisture content, site relative humidity and site temperature. This information must be documented by the installer and a copy provided to the property owner to ensure product warranty coverage.

Failure to follow all of Midwest Floor Source recommended installation guidelines will void warranty coverage.

#### **Jobsite & Pre-Installation Guidelines:**

SPC flooring should be one of the last items installed for any new construction or remodel project. All Midwest Floor Source products must be installed per the manufacturer's guidelines. For any questions or specifications not specifically outlined herein, please contact Midwest Floor Source Technical department.

- If, prior to installation, this flooring is not acclimated to room temperature (between 65°F ~ 85°F) at job site between 24 ~ 48 hours and, if post-installation, such flooring is not continuously maintained at such temperature, will void the warranty.
- All "wet" work such as paint, drywall, concrete, masonry, plumbing must be complete and dry prior to the delivery of SPC flooring. Gutters and downspouts should be in place

and the exterior grade complete to allow for proper drainage of water away from the building's exterior perimeter.

- HVAC should be on, operational and maintained between 65 – 85 degrees with a relative humidity of 35%- 55% range a minimum of 5 days prior to delivery, during and after installation of the flooring.
- If HVAC is not possible at time of installation the environmental conditions must be at or near normal living conditions between 65 – 85 degrees and at the average yearly relative humidity for the area.
- We recommend using a Hydrometer to monitor interior climate and the use of a humidifier/ dehumidifier may be required.
- Test wood sub floors for moisture content using moisture meter recommended for wood flooring. Take several readings of the subfloor and average the results. Subfloor is ready when moisture readings are of 14% or less. If readings are higher let subfloor remain open with HVAC on until readings come down to acceptable range.
- Concrete Moisture testing must follow ASTM F-2170 using a meter and probe method following meter manufacturer's instructions. We do not recommend ASTM F-1869 Calcium Chloride Testing due to inconsistencies in testing.
- Test the concrete subfloors moisture content by using an appropriate moisture meter. The moisture content for concrete subfloors must not exceed 85% Relative Humidity per ASTM F-2170. DO NOT install the flooring. Before moisture testing begins, the slab must be cured for a minimum of 60 days or less if readings are acceptable. When using a moisture meter, please refer to the recommended guidelines set forth for by the moisture meters' manufacturer.
- Basements and crawl spaces must be dry. Use of a 6-mil black polyethylene is required to cover 100% of the crawl space earth. Crawl space clearance from ground to underside of joist to be no less than 18" and perimeter vent spacing should be equal to 1.5% of the total square footage of the crawl space area to provide cross ventilation in accordance with local regulations.
- It is required to use a moisture barrier when installing over a on grade and below grade concrete slab. A 6-mil polyethylene must be used under entire flooring install area. Overlap polyethylene seams 6" and use waterproof tape on seams. Remember to roll the 6-mil polyethylene out perpendicular to the direction you are installing your floor.

## **ALWAYS CHECK MOISTURE LEVELS BEFORE INSTALLING**

Preparing and leveling the sub-floor:

1. The subfloor needs to be structurally sound.
2. The sub-floor should be free of any surface defect. If it is not, fill gaps with a Portland cement based leveling patch, sand/grind down any high areas and fill low areas.
3. The sub-floor must be level and flat to 3/16" (5mm) per 10' radius or 1/8" (3.2mm) per 6-foot radius.
4. Any gaps in the sub-floor should not exceed 3/16" (5mm).

5. Use flooring screws into floor joists if necessary to minimize squeaks in subfloor.
6. The surface must be clean and free of any contaminants such as wax, paint, grease, dust, oil, nails, staples, old adhesive, etc. and thoroughly swept and free of all debris.
7. For light weight concrete installation, ensure that the concrete is not low-density (below 3000 psi).
8. Plywood subfloor for floating flooring installation must be Exposure 1 plywood minimum 19/32" thick or Exposure 1 must be minimum 23/32", both must be 4'x8' panels tongue and groove. Subfloor must not have more than 1/16" deflection movement.

Acceptable Installation Methods	
Above Grade	Float
On Grade	Float
Below Grade	Float

### **Existing Floors:**

Installation over existing flooring requires the installer to consider potential issues related to moisture damage, adhesive failure and fastener failure.

Acceptable floor coverings include solid wood, linoleum (1 layer only), terrazzo, ceramic, and stone tile. Tiled floors with grout lines will require a cementitious leveling compound to fill any grout lines, voids, or cracks. Unacceptable floor coverings include carpet (any type), foam underlayment, cushioned-back vinyl, rubber, cork, laminates, free-floating floors, and wooden floors over concrete.

### **Recommended Installation Area:**

This product is not suitable for any outside use, sunrooms/solariums, showers, saunas, seasonal porches, camping trailers, boats, RV's or rooms that have a potential of flooding. Do not install in rooms or homes that are not temperature controlled.

Exposure to long term direct sunlight can cause damage to your floor. Failure to properly shade or UV tint windows can discolor, fade, or buckle vinyl planks. Use window treatments or UV tinting on windows. SPC is not intended for use on vertical wall surfaces. Do not glue, nail, screw or fasten to substrate. Install cabinetry, island and peninsula counters, vanities, tubs, and showers first. Then install SPC around them with proper expansion space.

### **Inspect the Flooring:**

Inspect material for color, finish, milling, texture and grade. Set aside pieces that may not be acceptable once installed. A maximum of four boxes may be opened for inspection prior to installation. The floors have been thoroughly inspected during the manufacturing process, but it

is the responsibility of the installer/homeowner to do final inspection and cull-out boards that are not acceptable before installation.

### **Blending of Cartons**

To achieve a uniform appearance across the entire floor, we require that you open and work from a minimum of four cartons at a time and lay out the flooring ahead of time. Be sure to mix the planks for the best aesthetic appearance. Make certain the room is well lit to ensure color is consistent and that any visual defects can be seen and removed prior to installation. “Racking the Floor” is essential to achieve a random appearance. Start by cutting several boards in random lengths, differing the lengths by at least six inches. As you continue working across the floor remember to maintain a six-inch minimum space between the end joints. Randomly install different lengths to avoid a patterned appearance. Never waste materials; the end cuts from starter rows should be used at the opposite side of the room to complete rows or may be used to start the next row.

### **EXPANSION SPACE**

#### **Undercut Door Casings:**

Undercut all door casings 1/16” higher than the thickness of the flooring being installed. To do this, use a scrap piece of flooring as a guide. Lay it on the substrate and cut the casing with a handsaw or use a power jamb saw set at the correct height. Making sure you have ¼” space when flooring is placed under casing. Failure to undercut casings will result in automatic void in warranty coverage. No T-Molding is required when the SPC flooring is continuing thru a doorway. The door casing must be cut allowing the proper expansion space under casing. Make sure to follow total distance of continual run of flooring.

#### **Coordinating Transition Moldings:**

Always have all necessary transition moldings on site prior to beginning installation. Make sure all transitions and moldings have been coordinated with planks that have similar color and graining. Set them aside for use when a transitioning is necessary. Midwest Floor Source cannot be held liable for color variations that may exist between flooring and coordinating trim accessories under any circumstances.

We require any installation of this floor that is installed in the floating method to use a T-Molding once the installation has gone more than 100 feet in any single direction. Installations of the flooring beyond this distance must use a T-Molding to release stress from the floor and allow the floating installation to properly expand and contract.

#### **Floor Protection During Construction:**

Always protect the surface of the installed flooring during construction. Cover the floor with quality rosin paper or other paper that will allow the floor to breathe and secure it to the baseboards; never tape directly to flooring. Do not use plastic or polyethylene sheeting to cover the floor. The flooring must be cleaned and completely free of any debris to minimize damage.

If you have any questions regarding installation of flooring not addressed in our guidelines, please contact our technical department.

**Radiant Heated Subfloors: Must be warranted by manufacturer for installation of resilient flooring and never exceed 85 degrees.**

The following guidelines must be followed to maintain warranty coverage. Failure to follow ALL guidelines will result in termination of warranty coverage.

- Concrete must be allowed to properly cure and dry a minimum of 6 weeks prior to operation of radiant heat system.
- Over concrete, moisture vapor emission rate for concrete subfloors must not exceed 85% RH using ASTM 2170k and documented for warranty coverage.
- Wood subfloors must not exceed 14% moisture content.
- Subfloor must be flat to 3/16" over a 10' radius or 1/8" over a 6' radius.
- T-moldings must be used to separate heating zones.
- Operation of radiant heat system should be set to run at 2/3 of the maximum output for a minimum of 2 weeks prior to installation of flooring to further allow moisture from concrete to dissipate and reach a final moisture content. This must be done in both heating AND non-heating seasons.
- The use of a separate thermostat for each individual zone is required. An outdoor temperature sensor is highly recommended to adjust temperature according to anticipated heat loss.
- Reduce heat to a temperature of 65° 4 days prior to installation.
- After 48 hours post-installation, we recommend to slowly raise temperature of the heating system to its preferred operating level. Please exercise caution and expect to achieve peak after a period of 5 days.
- Do not allow the surface temperature to exceed 85°F with no more than a 5°F variance in surface temperature over a 24-hour period.
- Seasonal expansion and contraction are expected and does not mean a defect is present within the product.

**GENERAL INSTALLATION TOOLS**

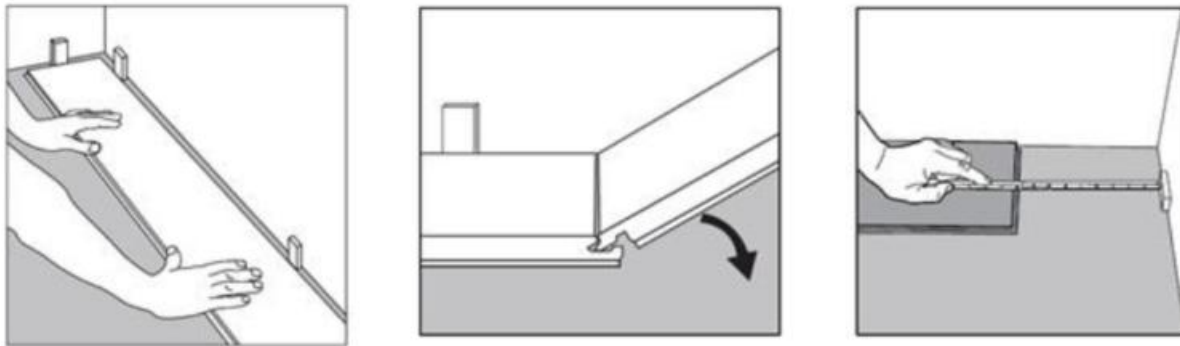
- Moisture Meter
- Tape Measure
- Pencil
- Chalk Line
- Hand Saw or Power Saw
- Utility Knife
- Tapping block
- Crowbar or Pry Bar
- Wood or Plastic Spacers (1/4")
- Rubber Mallet

## Floating Installation Instructions:

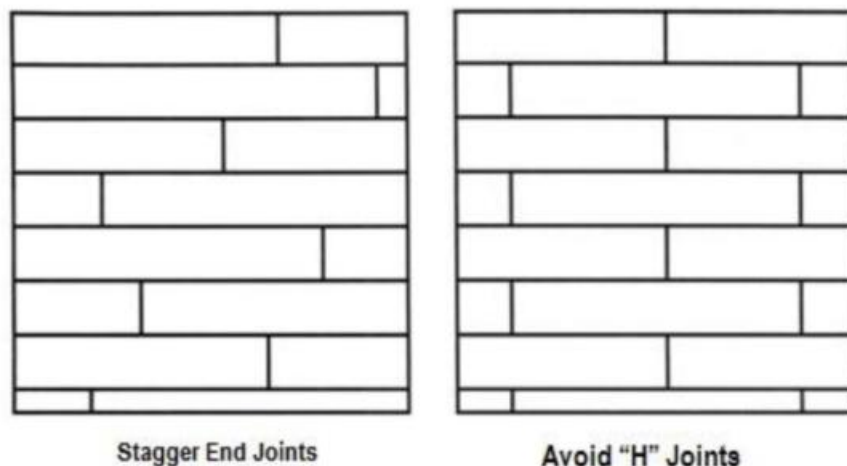
### Step One - Establish a Starting Point

- 1.1 Remove any existing wall base, shoe molding, quarter round or doorway threshold.
- 1.2 If installation is above or at grade, poly-film is recommended but not necessary.
- 1.3 Determine the longest, straightest wall to begin installation; this is usually an exterior wall.
- 1.4 Measure the total width of the flooring (including the tongue), plus  $\frac{1}{4}$ " for expansion. Measure out this distance in at least 2 places from the starting wall and 12" from the corners. Then, snap a chalk line parallel to the starting wall.

### Step Two - Lay Out



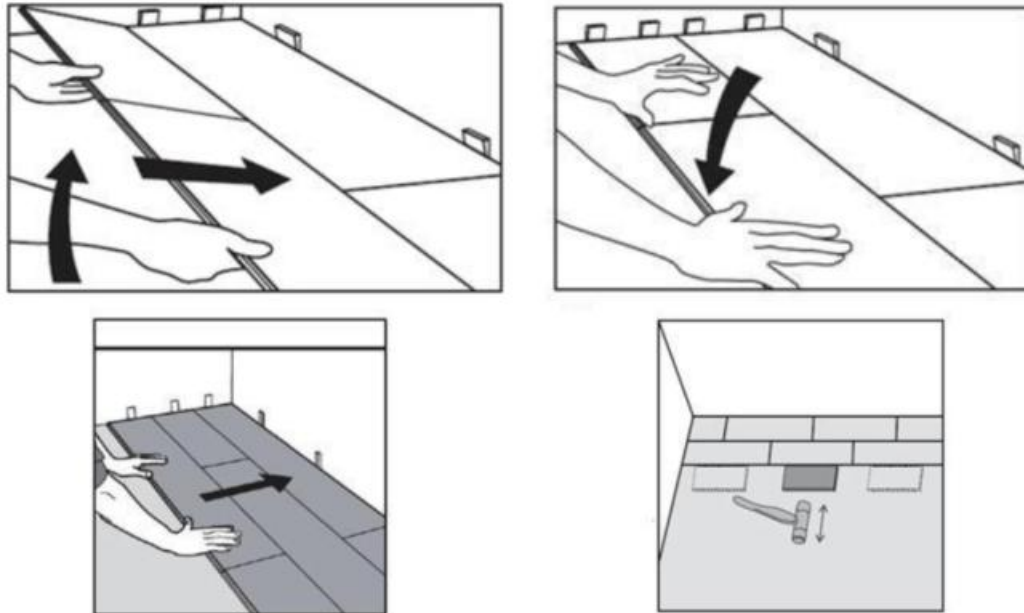
- 2.1. Start with a full plank and align the planks tongue with the working line, cut the last plank to the proper length leaving a  $\frac{1}{4}$ " from the end wall. Repeat this step for the second row, making sure to stagger the joints. The minimum end stagger is 6 inches.



### Step Three – Rack the Floor

- 3.1. Once the first row is in place, continue to lay out the planks. Be sure to blend the planks and stagger the end joints a minimum of 6” apart to ensure a favorable appearance.

### Step Four – Installation of Flooring



- 4.1. Once enough of the planks have been racked out, begin installing the planks by fitting the short side of the click system into the long side of the click system. Make sure that the click system is engaged evenly; any gapping can compromise the integrity of the installation. If gapping occurs use a tapping block and rubber mallet on the long seams and gently tap down the roll to close gaps. Continue installing planks across the room ending at the far wall.
- 4.2. It may be necessary to rip the last row to allow for the minimum  $\frac{1}{4}$ ” expansion. If the last row is 2” or less click the pieces to the last full uninstalled row and install them together. If needed use a light rubber mallet to make the remaining rows tight to the installed planks.

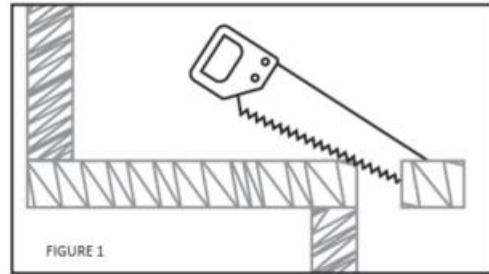
### Step Five - Completing the Job

- 5.1. Clean the floor with any high-quality, p/h-neutral vinyl cleaner.
- 5.2. Install transition pieces -i.e. – stair nose, reducer, end cap, t-molding and base shoe. Please follow manufacturer’s installation guidelines for transitions.
- 5.3. Any unused material should be stored in a dry place in case future repairs are needed. We recommend saving at least 2 boxes.

## SPECIAL INSTRUCTIONS FOR INSTALLATION ON STAIRS

### Preparation

Remove existing floor covering if necessary and thoroughly clean the surface of all treads and risers. Remove all residue of old glue and underlay, sand the surfaces clean and vacuum to remove all dust and debris. Make sure the existing stair treads are free from noise when walked on. Add additional fasteners if necessary. If necessary, cut back the overhang of the existing tread flush to the riser (Figure 1).



### Check Run and Rise

Ensure stair treads conform with local building codes in your area for appropriate tread depth and step height. Most building codes require a rise or run difference of no more than 3/8" (10mm) throughout the entire stair system.

### Adding An Underlayment (If Required)

If there is more than a 3/8" (10mm) variance on some stairs in the run, it may be worthwhile adding a wood underlayment to some treads to minimize the height difference. To add an underlayment, use a plywood type material cut to the size of the tread and affixed with urethane construction adhesive.

## INSTALLATION

**IMPORTANT: REMOVE ATTACHED PAD BEFORE INSTALLING ON STAIRS. SCRAPE OFF PAD AND CLEAN THE SURFACE TO REMOVE ALL UNDERLAY RESIDUE FROM THE BACK OF THE BOARD.**

All flooring material should be cut and dry fit prior to applying adhesive. If a flush mount nosing is being used start by dry fitting the flush mount nosing at the front of the step. Make sure if there is a riser the riser piece is in place so the nosing will fit correctly. When the nosing is in place use a pencil to mark a line on the back side of the molding onto the top of the step. This line will show you where to start the plank on the step. Using the line measure to determine the size to cut the plank to fit the step. Make sure the groove side of the plank is facing the front of the step. Start by installing the riser and the step by using a premium urethane construction adhesive. Apply adhesive in a S pattern on back of the riser piece and press on to the riser. Next using your marked line on top of the step leaving dry where the flush nose will be attached apply the adhesive in a S pattern onto the top of the step and press the per cut flooring onto the top of the step. Press down firmly so the adhesive transfers to the back of material for a permanent bond. Apply a thick bead of a premium urethane construction adhesive to the bottom of the nosing to adhere to the front of the step. Install nosing at a slight angle locking into the plank on the step pressing firmly into the adhesive. Use painters' tape to hold planks and nosing in place for **24 hours until adhesive has set. Do not allow traffic on stairs for 24 hours.**



### **Optional Glue Down Method:**

#### **Jobsite & Pre-Installation Guidelines: Listed above will apply to Optional Glue Down Method.**

If a full spread glue down is desired, use an approved PSA adhesive for vinyl planks. Follow the manufacturer's instructions for the adhesive application.

Apply a sufficient amount of adhesive using the recommended trowel at the starting wall in an area that can be covered within the working time the adhesive will allow.

Begin installing planks into adhesive when open time of adhesive is achieved. Start installing row by row using the same installation instructions above. Make sure and stagger the end joints at least 6.”

After planks are installed immediately roll the floor with a 100-pound roller both directions. Use a hand roller to roll under toe kicks and areas where the 100-pound roller can't reach.

The planks may be walked on immediately; however, the floor should not be exposed to heavy rolling load traffic for 72 hours after installation. Use a piece of hard board or underlayment panels to protect your floor when moving heavy furniture and appliances back into the room.

### **Protect Your Floor**

- Protect your floor with floor protectors that are made of non-staining felt under the legs of furniture to help prevent scuffing and scratching; Larger pads may be required on bigger objects. Scratching due to insufficient protection are not covered under by the warranty.
- Avoid walking on your vinyl floors with cleats, sports shoes and high heels. A 125-pound woman walking in high heels has an impact of 2,000 pounds per square inch. An exposed heel nail can exert up to 8,000 pounds per square inch. This kind of impact can dent any floor surface.
- When moving heavy furniture, do not slide it on the flooring. It is best to pick up the furniture completely to protect the floor from damage.

### **Floor Repairs:**

- Very light and small surface scratches can be repaired with a staining “touch up” pen of the appropriate color or by using an almond stick. Please refer to manufacturer's recommendations on proper application.
- Slightly deeper scratches can be repaired by means of colored putty, acrylic and/or stains. Fill the scratches with the putty, level with putty knife and use terry cloth towel to wipe off excess.
- Very deep scratches or gouges may require the replacement of planks.

## **Plank Replacement**

1. When replacing a plank make sure the plank that will be used for the replacement is in the room to acclimate for 48 hours to room temperature before the plank replacement.
2. When choosing a replacement plank use a plank that is not an identical plank to any of the planks that it will be touching. Choosing a plank that has different characteristics than the ones surrounding it will give the best results.
3. Locate the damaged plank to be replaced. Using a straight edge mark a line down the center of the plank. Next draw a 45-degree angle from the corners to the center line to form a triangle at each end of the plank.
4. Using an extra plank as a gauge to set your saw depth so you won't cut through the subfloor. Carefully cut through the center line of the plank and sweep or vacuum up the dust and debris. Next cut the diagonals carefully not to cut into and damage the adjoining planks and clean up any debris.
5. Remove the two center sections and carefully remove the triangles from each end.
6. Prepare the new plank by cutting off the top tongue and slightly undercutting with a utility knife.
7. Remove the small locking nub from the top of the end and side groove of the plank.
8. Cut off the bottom right grooves at a 45-degree angle.
9. Apply adhesive to the installed planks on the exposed locking grooves.
10. Apply adhesive to the groove sides of the new plank.
11. Slide the right side at an angle under the adjacent plank while sliding the bottom at the same time.
12. Once the right side is in rotate the plank in place and firmly seat the bottom of the plank.
13. Tap the left side gently with a mallet and clean up any adhesive residue.

## **WARRANTY – BAMBINO**

### **Stone Polymer (Plastic) Composite (SPC)**

#### **Limited 10-Year Commercial Warranty and 30-Year Residential Warranty**

Midwest Floor Source products are covered by a warranty period from the date of purchase by the Installer or End User against defects in materials, workmanship and conform to product specifications, provided installation, maintenance and use falls within recommended installation instructions.

Keep proof of your purchase in the form of an invoice, bill or statement from a Midwest Floor Source retailer/contractor that shows date and price paid, including labor.

#### **Pre-Installation:**

Midwest Floor Source warrants that its flooring is free of visual defects. Customer or installer should carefully inspect each piece before installation. Products that appear to have defects

should not be installed. Midwest Floor Source will not be responsible for any claim for products installed with visual defects.

### **Installation:**

This Limited Warranty covers material costs provided that such flooring is installed complying with Midwest Floor Source's Installation & Maintenance Guide.

### **TERMS FOR WARRANTY**

If you have an issue with your flooring and believe that it is covered by one or more of the limited warranties outlined in this guide, you must notify the Midwest Floor Source retailer who sold you the flooring to initiate a claim. Your retailer will be able to file a claim with Midwest Floor Source for you. If you are unable to contact your retailer, do not receive satisfaction, or need more information regarding this warranty, please contact Midwest Floor Source. Be sure to include a full description of the problem, photos if available, and proof of purchase showing the price paid for the flooring and labor.

Please provide the following information:

- An explanation of the flooring issue and what caused it, the location of the flooring issue, and in what other rooms the flooring is currently installed.
- When and where the flooring was purchased, including, store location, and the retailer's telephone number.
- The flooring style name.
- Square feet purchased.
- Pictures of the area showing warranty issues.
- At its own discretion, Midwest Floor Source may request an independent third-party inspection.

If a defect covered by this Limited Warranty is found within the warranty period, upon verification of the defect, Midwest Floor Source will authorize repair or replacement of the affected area without charge, with flooring of equal value and/or quality.

### **WARRANTIES**

#### **A. Wear Warranty:**

We warrant to the original purchaser that the wear layer on our flooring:

- a. Will not wear through the decorative layer. Scratches, indentations, or reduction in gloss level is not considered wear.
- b. Will not fade, as a result of direct sunlight or normal indoor lighting.
- c. In its original manufactured condition, will be free from manufacturing defects.

These warranties start from the date of purchase, but only if no exclusions are applicable and only if all requirements herein are fulfilled and are offered for a period of 20 years in Light Commercial spaces and 10 years in Commercial spaces as defined above.

## **B. Structural Warranty:**

We warrant to the original purchaser that our flooring:

- a. Will not delaminate.
- b. In its original manufactured condition, will be free from manufacturing defects.

These warranties start from the date of purchase, if no exclusions are applicable and only if all requirements herein are fulfilled, for as long as the original installation of the flooring is in place.

## **C. Warranty for Installation Over a Radiant-Heated Subfloor:**

We warrant to the original purchaser starting from the date of purchase, the floor can be installed over a radiant-heated subfloors. Radiant heat systems must be warranted by manufacturer of system for installation of SPC and LVT products. Any damage caused to SPC product by the Radiant heat system will void Midwest Floor Source Warranty. This radiant-heated subfloor warranty is only applicable when at least the following cumulative requirements are fulfilled:

- a. **Radiant Heat:** Radiant heat systems must have a minimum of 1/2" separation from the product.
- b. In-floor Radiant Heat: flooring can be installed over 1/2" embedded radiant heat using the floating or glue down method.
- c. **Electric heating mats** that are not embedded into the subfloor are not warranted for use underneath the SPC flooring. Using electric heating mats that are not embedded and applied directly underneath the flooring will void the warranty in case of failure. It is best to install the product over embedded radiant floor heating systems that are warranted for resilient flooring installation and adhere to the guidelines listed above.
- d. **The radiant heating system** must incorporate electronic temperature controls.
- e. Heat must be off for 24 hours before, during and 24 hours after installation when installing over radiant heated subfloors.
- f. Before installing over newly constructed radiant heat systems, operate the system at maximum capacity for at least 14 days to force any residual moisture from the subfloor.
- g. **For concrete or gypcrete subfloors**, conduct and document Calcium Chloride Tests per ASTM F1869. Test results must not exceed 2.0 lbs. per 1000 square feet per 24 hours. For wood subfloors, use a pin type meter to document the moisture content of the subfloor. Moisture readings should not exceed 8% in any location.
- h. Make sure that the temperature in the room is minimum of 60°F (15°C) during installation.
- i. Once the installation has been completed, the heating system should be turned on and increased gradually (5-degree increments) until returning to normal operating conditions.
- j. Heated flooring system temperature must not exceed 85°F (30°C).

- k. Refer to the radiant heat system's manufacturer recommendations for additional guidance.

**D. Moisture warranty:**

We warrant to the original purchaser from the date of purchase that Midwest Floor Source's flooring in its original manufactured state, under normal and reasonable use, when properly installed, shall be resistant to damage from mopping or normal household spills. This means planks will not swell, buckle, or lose integrity. The moisture warranty does not cover any structural damage caused by flooding, leaking pipes, household mechanical failures, or appliance leaks. Any damage to the subfloor and/or surrounding structure that is caused by standing water or flooding is not covered by this warranty.

**Warranty Owner:**

This Limited Warranty applies from the date of purchase and only to the original owner of the floor.

**Warranty Expectations**

1. Wear from chairs or other furniture without proper floor protectors will void the warranty.
2. Indentations, scratches, or surface damage caused by improper maintenance, misuse, negligence, spike heeled shoes, pebbles, sand, or other abrasives are not covered by this warranty.
3. Damage caused by fire or burns, intentional abuse, flooding, construction projects or product installation are not covered by this warranty.
4. Dissatisfaction or damage due to improper installation or installation contrary to Midwest Floor Source recommendations will void the warranty. Installation instructions are available on our website <https://midwestfloorsource.com/>.
5. Labor on material installed with obvious defects is not covered by this warranty.
6. Labor costs on repair or replacement of material which was not originally professionally installed are not covered by this warranty.
7. Any discoloration or bond failure on Midwest Floor Source products resulting from improper adhesive selection or application is not covered by this warranty.
8. If, prior to installation, this flooring is not acclimated to room temperature (between 65°F ~ 85°F) at job site between 24 ~ 48 hours and, if post-installation, such flooring is not continuously maintained at such temperature, this warranty is void.
9. Problems due to moisture, mildew, alkaline substances, or hydrostatic pressure in the sub-floor are not covered by this warranty.
10. Using non-recommended floor care products may damage the floor and void the warranty.

TO THE EXTENT PERMITTED BY LAW, ALL IMPLIED WARRANTIES WHICH MAY ARISE BY IMPLICATION OF LAW OR APPLICATION OF COURSE OF DEALING OR USAGE OF TRADE— INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF

MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE— ARE EXPRESSLY EXCLUDED. NO WARRANTIES, EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, EXTEND BEYOND THOSE EXPRESSLY SET FORTH IN THIS WARRANTY BROCHURE. MIDWEST FLOOR SOURCE WILL NOT BE RESPONSIBLE FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES.

THESE LIMITED WARRANTIES CONSTITUTE THE ENTIRE AGREEMENT OF THE PARTIES, AND NO WAIVER OR AMENDMENT SHALL BE VALID UNLESS IN WRITING AND SIGNED BY AN AUTHORIZED REPRESENTATIVE OF MIDWEST FLOOR SOURCE.

(By implied warranties Midwest Floor Source means warranties that the law presumes to have been given by the seller even though they are not set out in writing. **PLEASE NOTE:** Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply to the original owner.)

### **Light Commercial Defined**

Midwest Floor Source warrants only first quality products for recommended light commercial use such as those outlined in the below Light Commercial Application Chart. Midwest Floor Source's SPC products will perform as warranted for the stated warranty period only if the same are installed and maintained in compliance with the Midwest Floor Source Installation & Maintenance Guide, using the recommended adhesives if applicable.

- Light Commercial use is defined as use in environments, that do not experience normal to heavy commercial traffic, such as those outlined in the Light Commercial Application Chart below. PLEASE NOTE, warranty exclusions apply with respect to casters and other rolling loads, due to the unusual characteristics of this type of wheeled traffic.
- The intended applications include privately owned in-house businesses, such as daycare centers, doctor/dentist offices, and barber/beauty shops. For questions as to the type of use that is considered "Light Commercial", please contact Midwest Floor Source Technical Services prior to purchase and installation.
- Midwest Floor Source is not responsible for usage that is not in compliance with any regulation or code.

### **Light Commercial Application Chart**

<b>Commercial Building Type</b>	<b>Examples of Business Type</b>	<b>Recommended Application Areas</b>
Healthcare	Medical Clinics, Retirement Centers, Doctors' Offices, Hospice, Assisted Living	All non-required "Clean Room" Areas – corridors, patient rooms, lobbies, waiting rooms, cafeterias, exam rooms, common areas

Corporate	Banks, professional offices, including law firms, accounting firms, etc.	Offices, hallways, lobbies, reception areas, bathrooms, break rooms, conference rooms
Retail	Retail Stores, main street, boutiques, art galleries, bookstores, coffee shops, dry cleaners, gift shops, jewelry stores, beauty salons, barber shops.  <b>WARNING: WHOLESALE SUPERMARKETS OR INDUSTRIAL WAREHOUSE USING PALLET JACKS OR FORKLIFTS ARE EXCLUDED FROM THIS WARRANTY.</b>	Dressing rooms, common areas
Multi-Family Housing	Apartments, Condos, Military Housing	Rooms, common areas
Hospitality	Hotel, motel, restaurants	Hallways excluding commercial kitchens
Education	Daycare, preschool, elementary, secondary learning, universities, libraries	Dorms, commons areas, cafeterias, auditoriums, excluding gymnasiums

**THIS WARRANTY CONSTITUTES THE ENTIRE EXPRESS WARRANTY OF MIDWEST FLOOR SOURCE. THERE ARE NO WARRANTIES, IMPLIED OR EXPRESS BEYOND THIS WARRANTY.**

### **CARE AND MAINTENANCE**

With today's advances in vinyl flooring stains and finishes, cleaning vinyl has never been easier. There are other steps you can take to minimize maintenance and maintain the beauty of your vinyl floors. Regular maintenance requires little more than sweeping with a soft bristle broom if your floor includes a beveled edge that could collect debris.

#### **Do:**

- Clean your floors periodically with a professional vinyl floor cleanser. Midwest Floor Source recommends a P/H Neutral vinyl cleanser.
- For moderately soiled areas, use a mild solution of isopropyl (rubbing) alcohol and distilled water. Dilute the mixture by mixing one-part alcohol and 2 parts distilled water. For tougher spots, use a higher concentration of isopropyl alcohol and distilled water. Denatured alcohol can be used for adhesive and oil based stain removal.
- Always spot test in an inconspicuous area.

- Use area rugs or walk off mats both inside and outside doorways to help prevent grit, dirt and other debris from being tracked onto your floor. Please use a breathable rug pad underneath all throw rugs to prevent scratching.
- Place an area rug in front of the kitchen sink. *Kitchen and bath area rugs with non-slip rubberized backing must be non-staining.*
- Wipe up spills in a timely manner.
- Protect your floor with floor protectors that are made of non-staining felt under the legs of furniture to help prevent scuffing and scratching. Scratching due to insufficient protection are not covered under the warranty.

#### **Don't:**

- Avoid using any cleaning agents containing wax, oil or polish. Left over residue will form a dull film.
- Do not use any wood care floor cleaning products on vinyl floors. Self-polishing acrylic waxes can cause the surface to become slippery and appear dull quickly.
- Do not use vinegar as a cleaning solution, its acidic properties will harm the finish.
- Do not wet-mop the floor. Standing water can dull the finish, damage the floor and leave a discoloring residue.
- Do not use a steam mop of any kind. Damages associated with steam mop use will void warranty coverage.
- Avoid walking on your vinyl floors with cleats, sports shoes and high heels.  
*A 125-pound woman walking in high heels has an impact of 2,000 pounds per square inch. An exposed heel nail can exert up to 8,000 pounds per square inch. This kind of impact can dent any floor surface.*
- When moving heavy furniture, do not slide it on the flooring. It is best to pick up the furniture completely to protect the floor from damage.
- Never use a high speed buffer.

**NOTE: Always read the cautionary information on all cleaners prior to use.**

#### **Floor Repairs:**

- Very light and small surface scratches can be repaired with a staining “touch up” pen of the appropriate color or by using an almond stick. Please refer to manufacturer’s recommendations on proper application.
- Slightly deeper scratches can be repaired by means of colored putty, acrylic and/or stains. Fill the scratches with the putty, level with putty knife and use terry cloth towel to wipe off excess.
- Very deep scratches or gouges may require the replacement of plank.