

METROFLOR[®]  LVT

WITH **ATTRAXION**
magnetic attachment technology

METROFLOR[®] LVT WITH ATTRAXION[™]
MAGNETIC ATTACHMENT TECHNOLOGY
INSTALLATION GUIDE

METROFLOR® LVT WITH ATTRAXION™ PROFESSIONAL INSTALLATION GUIDE

GENERAL INFORMATION

EFFECTIVE: NOVEMBER 5, 2018

The installation information in this document only provides general guidelines. Review the **Metroflor LVT with Attraxion Installation Manual** in its entirety (www.metroflorusa.com) prior to installing Metroflor LVT with Attraxion. Please contact Metroflor Customer Service for additional guidance about installation recommendations, substrate preparation and testing. Metroflor Customer Service can be reached Monday to Friday, 8:00a.m. to 5:00p.m. EST at (888)-235-6672.

All warranties and guarantees pertaining to the suitability and performance of any products not recommended by Metroflor® Corporation rests with the material manufacturer or the installation contractor and NOT with Metroflor Corporation.

The condition of the subfloor and issues resulting from the use of embossing levelers, patches, concrete, gypsum-based products and other such items, are the sole responsibility of the Flooring Contractor and/or manufacturer of the particular sub-flooring product.

MATERIAL RECEIVING, HANDLING AND STORAGE

Material Receiving, Handling and Storage:

1. Upon receipt, immediately remove any shrink-wrap and check material for damage, and that the material is of the correct style, color, quantity, and run number(s). Immediately report any discrepancies.
2. General Storage: Store all materials flat and off of the floor in an acclimatized, weather-tight space between 65°-85°F (18°-29°C). Do not double-stack pallets.
3. Jobsite: Acclimate Metroflor LVT with Attraxion material at the jobsite with ambient conditions between 65°-85°F (18°-29°C) and 35%-85% RH for 48 hours prior, all times during, and continuously thereafter. Keep away from heating and cooling ducts and direct sunlight.

Suitable Substrates: All substrates must be properly prepared and meet requirements detailed in the **Metroflor LVT with Attraxion Installation Manual**.

Note: There may be exceptions and special preparation/conditions for these substrates to be suitable for resilient flooring applications. Refer to the **Metroflor LVT with Attraxion Installation Manual** and/or contact Metroflor Customer Service for additional information.

- Approved suspended wood
- Concrete (all grade levels)
- Existing Vinyl Composition Tile (on grade or suspended)
- Steel, Aluminum
- Ceramic Tile, Terrazzo, Marble
- Existing Resilient Sheet Vinyl
- Polymeric Poured Floors

JOBSITE PREPARATION/ CONDITIONS

Like all resilient flooring, Metroflor LVT should only be installed in temperature-controlled environments. Permanent HVAC must be in operation before, during, and continually after the installation.

Substrates:

- All substrates must be dry, structurally sound, smooth, clean, free of dust, dirt and old adhesive residue.
- The substrate surface shall be flat within $\frac{3}{16}$ " in 10ft. radius without any abrupt height variations such as expansion joints or underlayment seams. Level high spots by sanding, grinding etc. and fill low spots. Smooth the substrate surface to prevent any irregularities or roughness from telegraphing through the new flooring. Fill grout joints when installing over existing ceramic tile or stone floors to obtain a smooth surface.
- The surface of Radiant-heated substrates must not exceed 85°F (29°C).

- Surface cracks, grooves, depressions, control joints or other non-moving joints, and other irregularities shall be filled or smoothed with high-quality Portland cement-based patching or underlayment compound.
- Expansion joints, isolation joints, or other moving joints must not be filled and floor coverings must not be laid over them. Expansion joint covering systems should be detailed by the architect or engineer based upon intended usage and aesthetic considerations.

Note: Various Federal, State, and Local government agencies have regulations governing the removal of in-place asbestos-containing material. If you contemplate the removal of a resilient floor covering structure that contains (or is presumed to contain) asbestos, you must review and comply with all applicable regulations. Do not sand, dry sweep, dry scrape, drill, saw, bead blast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphalt “cut-back” adhesive, or other adhesive. These products may contain asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of bodily harm. Unless positively certain that the product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content. RFCI’s Recommended Work Practices for Removal of Resilient Floor Covering are a defined set of instructions addressed to the task of removing all resilient floor covering structures.

For further information, visit the Resilient Floor Covering Institute website at www.rfci.com.

Attention: Mold and mildew grow only in the presence of moisture. Moisture issues must be addressed and corrected at the job site prior to installation. Please visit www.epa.gov/mold for information about safely preventing and removing mold, mildew and other biological pollutants.

INSTALLATION

Layout shall be specified by the architect, designer, or end-user.

- Metroflor LVT with Attraxion comes in several sizes and formats, including planks and tiles, and should only be installed by professional flooring installers that have demonstrated successful installations of jobs similar in size and scope. Tiles may be installed running in the same direction (block or staggered) or quarter-turned using arrows printed on back for orientation. Install as specified by architect, designer, or end-user.
- Metroflor LVT with Attraxion plank flooring must have end joints offset by at least 8" and staggered to create a random appearance that avoids alignment of end joints. Metroflor LVT with Attraxion can be laid out to run either parallel, perpendicular or diagonal to the room or primary wall.

Installing MagneBuild Underlayment By Magnetic Building Solutions:

Install MagneBuild Underlayment perpendicular (90°) to the direction that has been chosen for laying the floor. Leave ¼" around perimeter walls, pipes, heavy fixed objects such as and all vertical obstructions. Plan the layout of underlayment so that no less than ⅓ of the roll width is used for fill pieces along the walls or perimeters. Once proper layout and your starting point have been determined, you’re ready to roll out the underlayment. MagneBuild Underlayment is only manufactured with the magnetics on one side. The shiny magnetic side is marked “this side up”. The dull side should face down.

MagneBuild underlayment must be installed with the magnetic side facing upward for the receptive layer / flooring material to bond properly. *Note:* MagneBuild underlayment is manufactured so when rolled out the magnetic side is facing upwards. Simply roll out the underlayment leaving approximately 1"–2" of material up the wall, slide it in to place and trim down the edges. If a cross seam must be constructed, overlap the panels approximately 2" and double cut them using a straight edge. The panels should be tightly abutted together with NO GAPS in between and NO OVERLAPS of any kind. This will cause telegraphing and possible damage to the flooring product being installed.

Once all underlayment has been laid out and cut to fit, tape the seams together from the underneath side using the single sided MagneBuild tape. Roll the magnetic underlayment into the seam tape to ensure a good bond. Once the magnetic underlayment has been cut to fit and seams securely taped you can immediately install Metroflor LVT Attraxion on top of it.

Installing Metroflor LVT with Attraxion:

Snap chalk lines at the center point of the room. Either measure or dry lay tiles from center line to wall to determine the size of the first and last tiles. If the resulting border is too small in either direction, move the row of tiles over one half tiles' width and snap a new line. This becomes your new starting line.

Lay the material from the center of the room working towards the walls. It is imperative that the first row is placed precisely and accurately against the reference line as you install. Make sure each plank is flush against the chalk line and tight against the adjoining plank. The ends of the planks should align perfectly. End joints of planks must have an 8" offset. Lay row by row or in pyramid fashion. Measure mark and cut perimeter pieces maintain a 1/4" expansion space at all fixed vertical objects.

CARE & MAINTENANCE

METROFLOR® LVT WITH ATTRAXION GENERAL CARE & MAINTENANCE

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

FLOOR-CARE BEST PRACTICES

- Sweep or vacuum daily; use only vacuums without beater bars.
- Protect the floor from tracked-in dirt and grit particles by using walk-off mats at all outside entrances.
- Use non-staining backed mats; avoid the use of rubber-backed mats, as certain rubber compounds can permanently discolor vinyl.
- In order to prevent indentations and scratches, provide glass, plastic, felt, or other non-staining cups with flat under-surfaces not less than 2" wide for the legs of heavy furniture or appliances. Equip swiveled-type office chairs and other rolling furniture with broad-surface, non-staining casters at least 2" in diameter. Remove small diameter buttons from the legs of straight chairs and replace with metal or felt glides that have bearing surfaces no less than 1" in diameter.
- Always use the proper equipment to protect the flooring from damage that could be caused by the moving of heavy fixtures or appliances.
- Never use anything coarser than 3M-equivalent red cleaning pads or brushes on Metroflor resilient flooring (see Maintenance Procedures section).
- Protect your floor against burns. Burns from the glowing end of cigarettes, matches, or other extremely hot items can damage Metroflor floors.
- Do not flood floor or subject to frequent standing water.
- Only use Prevail cleaning products, as they are designed for Luxury Vinyl Tile (LVT) floors with urethane coatings.
- All Metroflor floors have good resistance to stains and are not affected by most common spills. However, any spill should be cleaned up immediately. The longer the spilled materials are left on the floor, the greater the risk of permanently staining the floor. For information regarding the proper method or solution to use on a specific stain, contact Metroflor Customer Service toll-free at 888-235-6672.
- Avoid exposure to direct sunlight for prolonged periods. The use of drapes or blinds is recommended during peak sunlight hours. Prolonged exposure to direct sunlight can result in discoloration, and excessive temperatures might cause tiles or planks to expand.

METROFLOR® LVT WITH ATTRAXION MAINTENANCE PROCEDURES

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

NO-POLISHING/NO-BUFFING MAINTENANCE OPTIONS

Initial Maintenance for a Newly-Installed Floor

- Thoroughly sweep, dust-mop, or vacuum (without a beater-bar assembly) the floor to remove all loose dirt, dust, grit, and debris.

NEVER APPLY SOLVENT DIRECTLY TO FLOORING.

- Damp-mop the floor using Prevail 1-Step Neutral Cleaner.
- If necessary, scrub the floor using an auto scrubber or rotary machine (175 rpm or less) with Prevail 1-Step Neutral Cleaner, using the proper dilution ratio and the appropriate scrubbing brush or pad. Fit the buffer with a 3M-equivalent red or white scrubbing pad and work the solution over the floor.
- Thoroughly rinse the entire floor with fresh, clean water. Remove the dirty residue with a wet-vacuum or with a clean mop and allow the floor to dry completely.

Notes:

Stain Removal

To remove stubborn spots and stains from Metroflor floors, always begin with mild cleaners, such as Prevail 1-Step Neutral Cleaner. If such cleaners fail to remove the spots and stains, and "if permitted," use mineral spirits. Do not use harsh solvents, such as lacquer thinner or straight acetone, as these can permanently soften and damage the vinyl surface.

For stubborn spots and stains (such as paints, permanent markers, and dyes), and "if permitted," try applying fingernail polish remover containing acetone (do not use straight acetone) to a soft cloth and rubbing across the affected areas. Subsequent to this cleaning procedure for stubborn spots and stains, please clean the affected area with clear water to remove any residue. Any damage resulting from the use of pure solvents IS NOT covered by the Metroflor Warranty. Always test stronger cleaning agents on sample pieces or in unnoticeable areas first.

Daily/Routine Maintenance

1. Clean entryway walk-off mats to remove dirt, grit, sand and other contaminants from being tracked onto the floor (as needed).
2. Thoroughly sweep, dust-mop, or vacuum (without beater bar assembly) the floor to remove all loose dirt, dust, grit, and debris that can stick to and damage the surface of the floor.
3. Spills should be cleaned up immediately. Spot-clean using Prevail 1-Step Neutral Cleaner and micro fiber or preferred mop.
4. Damp-mop the floor on a regular (recommended - daily) basis using Prevail 1-Step Neutral Cleaner.

Periodic Maintenance

1. When necessary, scrub the floor using an auto scrubber or rotary machine (175 rpm or less) with Prevail 1-Step Neutral Cleaner, using the proper dilution ratio. Fit the buffer with a 3M-equivalent red or white scrubbing pad and work the solution over the floor.
2. Thoroughly rinse the entire floor with fresh clean water. Remove the dirty residue with a wet-vacuum or clean mop and allow the floor to dry completely.

LIMITED WARRANTY

EFFECTIVE: NOVEMBER 5, 2018

Products & Coverage

Metroflor warrants that its Metroflor LVT with Attraxion flooring will be free from manufacturing defects and, under normal use and maintenance, will not Wear, Fade, or Stain resulting in loss of original pattern and color, and the structural integrity of the flooring itself will not be materially impaired by Water Damage as hereafter defined, for a specified length of time from the date of purchase as set forth in the full Metroflor LVT with Attraxion Limited Warranty. The full Limited Warranty can be found on our website at www.metroflorusa.com. This Limited Warranty only applies provided the flooring covered by this warranty is installed and maintained according to the **Metroflor LVT with Attraxion Installation Manual**.

Pre-Installation

Metroflor warrants that its flooring is free of visual defects. You and/or your installer should carefully inspect each piece before installation. Any pieces that appear to have defects should not be installed. Metroflor will not be responsible for any claim for flooring installed with visual defects.

Installation

This Limited Warranty covers materials and fair market-value labor if professional installation was paid for when the flooring was originally installed, provided that such flooring is installed according to the **Metroflor LVT with Attraxion Installation Manual**. This Manual is revised periodically and floors must be installed according to the current Manual at the time of installation. Please check metroflorusa.com for the current Manual.

Replacement/Repairs

Metroflor reserves the right to repair any flooring and/or to use its own source to obtain an installer for replacement flooring. If Metroflor repairs or replaces any flooring as a result of a warranty claim, you will be required to clear, at your own expense, any items placed over the affected areas subsequent to the original installation. In the event that Metroflor repairs or replaces any flooring covered under this Limited Warranty, this Limited Warranty shall remain in effect with respect to such flooring for a period limited to the remaining eligible duration of the original Limited Warranty.

Terms for Warranty

If a defect covered by this Limited Warranty is found within the warranty period and reported in writing to the merchant from which the flooring was purchased, Metroflor will supply new flooring material of similar color, pattern and quality to replace the defective area. Metroflor will also pay fair market-value labor if professional installation was paid for when the flooring was originally installed. Labor costs will not be covered if professional installation was **not** paid for when the flooring was originally installed.

In case of questions regarding the terms of this Limited Warranty, contact Metroflor Customer Service at (888) 235-6672. Metroflor reserves the right to inspect any flooring, request samples, secure photographs or any other information as may be required to ascertain the nature of any claim under this Limited Warranty.

Definitions / To Be Covered:

- "Wear" must be through the wear layer to the degree that the printed pattern is affected or altered.
- "Fade" must be to the degree that the floor is permanently discolored.
- "Stain" must be from normal household cleaning agents, chemicals or routine care & maintenance.
- "Water Damage" covers structural-integrity damage to the flooring itself after water exposure in standard conditions (does not cover flooding).

Exclusions

The following are not covered by this Limited Warranty:

- Dissatisfaction or damage due to improper installation or maintenance, including use of improper underlayments, cleaning solutions or finishes, unevenness or irregularities. See the **Metroflor LVT with Attraxion Installation Manual** for details.

- Damage caused by fire, burns, abuse, flooding, spills, scratches, abrasive scouring pads, scuffing, staining, construction or installation.
- Damage caused by vacuum cleaner beater bar, indentations or damage caused by spiked heeled shoes, improper rolling loads, castor wheels, chairs or other furniture without proper floor protectors and cuts from sharp objects.
- Changes in color or sheen from exposure to sunlight or due to use of rubber-backed mats.
- Exterior applications.
- Loss of gloss.
- Minor shading, color or texture differences between samples or printed color photographs or illustrations and delivered product.
- Flooring sold as irregulars or trial grade materials or “as is”.
- This flooring should not be used to seal an existing floor from moisture. It is a floating floor which is waterproof, but this flooring cannot prevent problems associated with or caused by flooding, excessive moisture or alkalis in the subfloor or conditions arising from hydrostatic pressure.
- Ultra-Fresh® has been added to the flooring's top surface to help protect the flooring article by inhibiting the growth of odor and stain-causing mold and mildew. This protection does not extend to surrounding surfaces.
- This Limited Warranty is void if, prior to installation, this flooring is not acclimated to room temperature (between 65°F – 85°F / 18°C – 29°C) at the job site for a minimum of 24 to 48 hours and, if post-installation, such flooring is not continuously maintained at such temperature.
- Flooring sold via the internet - all products sold via the internet are not covered per the warranty periods set out in the full Metroflor LVT with Attraxion Limited Warranty, but rather come with a 1-year warranty only against manufacturing defect, wear, fade, stain, and water damage, as defined herein.
- Loss due to loss of time, inconvenience, incidental expenses (such as telephone calls, labor and/or materials) incurred in the removal or reinstallation of the affected material, and any other incidental or consequential damages.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so that the above limitations and exclusions may not apply. Your Limited Warranty gives you specific legal rights, and you may have other legal rights, which vary from state to state.

This Limited Warranty is in lieu of any other warranties, express or implied. Please keep your receipt or obtain it from the original purchaser. Metroflor requires the receipt in order to verify date of purchase to help resolve any problems.

Care & Maintenance

Instructions for the care and maintenance of Metroflor LVT with Attraxion flooring can be found in the **Metroflor LVT with Attraxion Installation Manual**, and in the **Metroflor LVT with Attraxion Care & Maintenance Guide**. The current versions of these documents can be found at metroflorusa.com.

Please direct any questions regarding the care and maintenance of Metroflor LVT with Attraxion flooring to Metroflor Customer Service at (888) 235-6672.

Warranty Owner

This Limited Warranty applies only to the original purchaser and the original installation site and is not transferable and, with respect to the residential warranty, applies only to a resident homeowner.

Claims under this Limited Warranty must be made in writing to the following address:

Metroflor LVT with Attraxion Warranty Department
 Metroflor Corporation
 119 Thomas Street
 Calhoun, GA 30701

This warranty does not cover MagneBuild Underlayment by Magnetic Building Solutions. For more information regarding warranty coverage, installation recommendations, SDS, Technical Properties, including Water Vapor Transmission, please visit the MagneBuild website at www.magneticbuildingsolutions.com.

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