



Adura® Luxury Floors Installation Guide

General Information

All of the general installation instructions stated in General Installation Guidelines regarding storage and job site conditions, including climatic and structural requirements, are applicable to Adura® Luxury Floors. Review and consider these requirements before proceeding with the installation.

These installation specifications are for all Fully Adhered installations of Mannington Adura® Luxury Floors. Recommendations are based on the most recent available information. All instructions and recommendations must be followed for a satisfactory installation.

- Adura® Luxury Floors must be stored and installed in climate-controlled interior locations where the temperature can be regulated to between 65° and 85° F.
- Install Adura® Floors only after the job site has been cleaned and cleared of other trade apparatus that may damage a finished installation.
- Before installation always, check the cartons to ensure the pattern number is correct. Work from several cartons to mix design elements. Do not “cluster” similar design elements.
- All subfloor/underlayment patching must be done with a non-shrinking water resistant Portland cement patching compound such as Mannington MVP-2023.
- Never install Mannington resilient product over residual asphalt-type (cut back) adhesive. It can bleed through the new floor covering. Residual asphalt-type adhesive must be thoroughly removed or covered with underlayment plywood or Mannington latex underlayment.
- Adura® Luxury Floors are to be adhered with Mannington MT-711. MT-711 is a solvent-free, acrylic-based pressure sensitive adhesive that is appropriate with Mannington resilient and carpet modular flooring products.
- Use only Adura® Luxury Grout when grouting is desired.

All precautions and requirements regarding subfloor selection and preparation found in the General Installation Information section apply to Adura® Luxury Flooring.

Installation

Tile Layout

As with all tile formats, Adura® tiles should be “balanced” in the work area. Tiles may be laid squarely in the work area or laid out diagonally in the work area. In either case, the room must be accurately measured to square off the area and to determine the center point of the area. The work area should be divided into quadrants designated by striking chalk lines. It is critical that the intersection of the chalk lines be square at 90°. All border tiles should be of nearly equal dimensions and at least one-half of a tile wide. Careful and precise measurements must be taken during tile layout. Lay all tiles in the same direction with all directional arrows pointing in the same direction.

Plank Layout

It is also important to balance the layout of the plank format. Proper planning and layout will prevent narrow plank widths at wall junctures. Determine layout to prevent having less than half a plank width (2") or very short length pieces. As with all plank products, lay the long dimension of the plank parallel to the long dimension of the work area. Accurately measure the room to determine the center line; adjust this established line to accommodate a balanced layout and then transpose this line to a comfortable width away from the starting wall (approximately 2' to 3' wide). Apply the adhesive in this area and begin installing planks.

Adura® Luxury Floors Installation Guide (continued)

Combinations – Tile and Plank Layout

The modularity of Adura® Luxury Flooring allows for interesting and decorative combinations of tile and planks. When determining proper layout for this custom installation, it is important to consider the dimensions of the modular “design unit” and then balance the design unit in the work area. Careful and precise measurements must be taken to ensure success with a combination design.

Adhesive Application

Mannington MT-711 adhesive is required for adhering Adura® to all approved substrates. Apply the adhesive with a 1/16" wide, 1/16" deep, and 1/16" apart notched trowel. The MT-711 adhesive should be given sufficient open time so that the trowel ridges appear “cloudy” or “hazy” and the trowel “valleys” are clear. The adhesive must be sufficiently tacky to prevent tile slippage during placement.

Tile Installation

After the MT-711 has had sufficient open time, begin laying the tile at the intersection of the working lines. Be certain this tile is installed squarely on the lines. After the first tile is in place, begin laying tiles outward along both guide lines. Press tiles firmly against adjoining tiles and press into the adhesive. Begin stair-stepping the tiles into the field area. Maintain the squareness of the installation by keeping tiles along guide lines. Lay all tiles in the same direction, all directional arrows pointing in the same direction.

Plank Installation

After the MT-711 adhesive has had sufficient open time, begin laying planks along the designated starting line. Planks ends should be staggered in a random manner so as to avoid clustering the end joints. Varying the length of the starting plank can assure sufficient stagger of end joints. End joints should be staggered by at least 4". Pay particular attention to the randomness of the plank layout; avoid establishing a repeating pattern. Continue installing the planks in a random fashion and complete each area before beginning the next. If required, use a kneeling board to avoid walking on freshly installed planks.

Cutting and Fitting Border Tiles and Planks

Adura® luxury floors can be cut with a large tile cutter or by using the score and snap technique. Direct or pattern scribe the tiles to fit into complicated, irregular walls or pipes, etc.

Grouting Adura® Tile

Certain Adura® Luxury Floor tile patterns lend themselves to the design option of applying a specially produced acrylic grout between the tiles. Specific installation procedures must be followed when grouting Adura® tiles.

1. Required tools

- Hard-edge rubber grouting float
- Dense, square-edge sponge
- Nylon scrubbing pad
- Water buckets
- Plastic tile spacers



2. Procedure



The desired grout width must be determined before tile layout begins. It's critical to include grout width measurement to tile size to ensure a balanced layout. Grout width should be at least 1/16" wide and no more than 1/4" wide. Commercially available hard plastic ceramic tile spacers may be used to maintain equal grout joint width.



Tiles may be grouted immediately after installation. Insure that the tiles are firmly bonded to the subfloor by re-rolling the entire installation with a three-section 100 pound (or heavier) floor roller just prior to grouting. Be certain to clean any debris from grout joints.

Only Mannington acrylic grout may be used with Adura® Luxury tiles. This pre-mixed grout has been developed to bond to Luxury vinyl tiles and is flexible and durable. **Never use cement-based, epoxy or furan grout.**



Apply the acrylic grout in to the tile joints with the narrow edge of the rigid rubber float. Firmly pack each tile joint so as to leave no voids or skips. As each tile joint is grouted, remove excess grout from tile edges with the stiff edge of the float pulled in a 45° angle across each joint. Grout only in small increments and clean each section as you go. Never apply grout in an area greater than 20 square feet without stopping to clean.



Use a dampened nylon scrubbing pad to loosen remaining grout from the tile surface. Wipe alongside the joint with the nylon pad to avoid removing grout from the joint. Do not use excessive water during cleanup.



Use the special square edge sponge to remove the excess water and grout haze. Be certain to wipe diagonally across tile joints to avoid dragging grout from the joint. Rinse the sponge frequently and change the cleanup water frequently. Thoroughly remove all residual grout and grout haze before leaving the job. Dried grout haze is difficult to remove.



If a slight grout haze is noticed after 24 hours, it can be removed by scrubbing with the nylon pad and a solution of 1/4 cup ammonia in a gallon of clean water. Thoroughly rinse the area with clean water. **Do not use chemical grout cleaners.**

If skips or voids in the grout joint are discovered after final cleanup, they can be filled by applying new grout directly over the old.

Finishing the Job

Adura® luxury floors must be rolled with a minimum 100-pound three-section floor roller immediately after installation. Before grouting, roll the flooring in both directions to firmly seat the tile into the adhesive.

Cover all exposed edges. Use wood molding or vinyl cove base along all walls, cabinet toe kicks, etc. Use transition strips in doorways or where new flooring joins another floor covering. Caulk along tubs, toilet bowls, etc.

Do not wash the floor for 48 hours after installation. After 48 hours, damp mop to remove residual surface dirt. Follow appropriate maintenance schedule for Adura® luxury floors.

Repairing Adura® Tile and Plank

Although the wear surface of Adura® plank and tile is durable, it is not bulletproof. Should an accident occur that damages the surface of the product, a simple repair procedure exists. The key to this process is having ample material available to replace the damaged area(s). This should be considered when placing the original order. Extra tiles and planks should be wrapped in their packaging and stored in an interior, climate-controlled location.