



LVT-PLANK INSTALLATION INSTRUCTIONS

ATTENTION: Before you start, read this bulletin and other applicable literature pertaining to the installation of modular LVT/Plank flooring. **Any topics not specifically covered in this bulletin should be directed to Masland's Technical Services Center at 1-800-633-0468.**

BEFORE STARTING INSTALLATION INSECT FOR: concealed damage, manufacturing defects and shipping errors (example: wrong color, style, etc.)

WARRANTY: Masland Contract specifically excludes claims involving resilient flooring installed with visible defects.

NOTE: Should other trades perform work in areas where resilient flooring has been installed, the installer and/or general contractor assumes total liability for damage and deterioration, including wear, soiling, staining, and abrasion. Failure to provide adequate protection until occupancy may void all warranties.

CONDITIONING: Areas to receive resilient flooring must be fully enclosed with permanent HVAC set at uniform temperature range between 65°F to 85°F and maintained following the installation. Locate the material on-site at least 24-48 hours prior to installation.

JOB SITE CONDITIONS

pH: Sub-floor readings should be between 7.0-9.0. If the pH is outside these parameters contact the General Contractor to correct the condition.

RELATIVE HUMIDITY in SUB-STRATE: Determined by the ASTM-F-2170-09 "Relative Humidity in situ Probe Test should not exceed 85%."

CONCRETE: Should be allowed to cure for 90-120 days and must be properly sealed.

SUB-FLOOR: Should be sound and free of oil, grease, paint, and any other foreign substance that may inhibit adhesion. Surfaces must be smooth and level before installing modular LVT/Plank.

PATCH & LEVELERS: Cracks and unlevelled sub-floors should be corrected with approved latex fortified Portland cement based patch, or leveling compound, such as Armstrong S-180, Ardex Feather Finish, or Mapei Plani Patch.

OLD ADHESIVES

OLD PRESSURE-SENSITIVE: Modular Flooring Adhesive can be applied directly over existing pressure sensitive adhesive providing the existing PSA is PVC compatible. Other pressure sensitive adhesives must be scraped and sealed with Encapsulate Primer before applying Modular Adhesive.

OLD MULTI-PURPOSE: Thoroughly scrape all trowel ridges to create a level surface, then seal with Encapsulate Primer and allow to fully dry before applying Modular Adhesive.

ADHESIVES

ENCAPSULATE PRIMER* COVERAGE: Approximately 140-160 sq. yards per 4-gallon pail.

*Please note Encapsulate Primer is designed to encapsulate existing adhesive and will not correct moisture emission issues.

SWEEPING: Sweep or vacuum the entire area before applying adhesive. **Do not use sweeping compounds;** they often contain oily residues which can inhibit the adhesive bond.

ADHESIVE REQUIREMENT for 3mm Glue Down: Modular/LVT Pressure Sensitive Adhesive or Modular Aerosol Adhesive.

MODULAR/LVT PSA APPLICATION: Apply the adhesive with a 1/16" X 1/32" X 1/32" U-Notch trowel. Approximate spread rate is 880 to 1040 square feet per 4-gallon pail. Apply the adhesive in a thin uniform layer over the entire surface of the floor. Allow the adhesive to tack so that there is no transfer to the touch, this will ensure proper bonding.

AEROSOL ADHESIVE APPLICATION: Shake can well before use. Point can downward and press the side of the nozzle tip as you slowly walk back and forth. Around the perimeter, hold the can approximately 12 inches above the sub-floor to avoid over spray and for open areas 20-30 inches. Approximate coverage will be 140-150 square feet per can. Allow adhesive to tack so that there is no transfer to the touch to ensure proper bonding. Open working time for the adhesive should not exceed 4 hours.

ADHESIVE REQUIREMENT for 5mm Free Lay Products: Masland Premium Spray Adhesive.

Masland requires an 18" band of adhesive be applied at doorways and around the entire perimeter of the installation area. Grid gluing is also required, apply a 12" band of adhesive across the width direction for every 25 linear feet of the installation. Hold the can approximately 12 inches above the sub-floor to avoid over spray.

LAYOUT

ROOM SQUARENESS: Check the installation area for square, then strike a chalk line parallel to an outside wall across the center of the room. Strike another chalk line perpendicular to the first line also across the center of the room creating four quadrants. Slightly adjust the lines as needed to avoid any small fill pieces around the perimeter. Align modular flooring to these lines as they will assist in keeping the product uniform and square across the room. During the installation, mix material from multiple cartons. This procedure will create a random natural appearance and blend minor color variations. For 5 mm Free Lay products leave a 1/8" gap between the material and wall. This gap will be covered with base molding.

INSTALLATION: The first module/plank should be placed in one of the corners where the chalk lines bisect at the center of the room. Continue the installation placing the modules along the chalk line parallel with the outside wall and install the adjacent modules snugly. Repeat this procedure for the neighboring quadrants until the room is completed.

CUTTING: The modules can be cut by measuring, then scoring with a utility knife and snapping or by using a tile cutter. Exercise caution when cutting the modules so that the arrows on the cut piece will correspond with adjacent modules. Cutting the tiles to full will create compression, which can cause doming, or buckling of the LVT. Roll the floor immediately after the area is complete with a 75-100 lbs. roller to insure proper adhesion.

TRANSITION AND TERMINATING AREAS: Appropriate transition moldings are required to avoid damage to the module/plank. Damaged modules/planks at transition or terminating areas are not manufacturing defects.

Heavy Kraft or Cardboard may be used as post-installation protection to avoid damage by other trades. Regardless of installation method do not use self-adhering plastic products. These products can leave adhesive residue on the surface of the LVT and will attract soiling and possibly cause discoloration. **USE OF THESE PRODUCTS WILL VOID ALL WARRANTIES.**

POST INSTALLATION: Do not walk, place furniture, appliances, or other items in the space for a minimum of 24 hours. Do not slide or roll heavy items across the floor without adequate protection. Always use a hand dolly or air ride appliance moving device when positioning heavy objects into space. Damp mopping is allowed after 24 hours. Do not begin wet maintenance for at least 5 days after the installation is complete. Use window coverings to protect the floor from fading under direct sunlight.

CLEANING AND MAINTENANCE

Initial maintenance: Wait 5 days after the installation is completed and thoroughly clean the floor using a neutral pH cleaner. If necessary, a slow (175 rpm) buffer can be utilized with a white non-abrasive pad to remove heavier deposits.

Daily and Weekly maintenance: Sweep, vacuum or dust mop the floor as needed dust, loose dirt and grit. In high traffic areas this may be a daily or twice daily procedure. Use only vacuums that do not have bristle beater bars or metal heads. Remove liquid spills immediately to prevent the possibility of stains, slips or falls. Damp mop the floor as needed to remove dirt and stains. Soft bristle can also be used on embossed surfaces.

After market finishes are not necessary, however, some customers may desire these finishes to help protect the wear surface on the LVT.

For specific questions or installation instructions not addressed in this bulletin contact Masland Technical Services: 1-800-633-0468