



## CARPET TILE INSTALLATION INSTRUCTIONS

### TECHNICAL SERVICES BULLETIN 1/23/14

**Attention:** Before you start, read this bulletin and other applicable literature pertaining to the installation of Masland carpet tile. **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 inspect for:** Concealed damage, Manufacturing defects and Shipping errors (example: wrong color, style, etc.)

**Warranties:** Masland Contract specifically excludes claims involving carpet tiles installed with visible defects.

**NOTE:** Should other trades perform work in areas where Masland carpet tiles have been installed, the installer and / or general contractor assumes total liability for damage and deterioration, including wear, compaction, soiling, staining, and abrasion. Failure to provide adequate protection until occupancy may void all Masland Contract Warranties.

**CARPET TILE CONDITIONING:** Locate the tiles on site at least 24 hours prior to installation.

**Box Label:** The box label contains important information such as style, color, dye lot # and quantity.

#### JOB SITE CONDITIONS

**TEMPERATURE:** Air and sub floor Minimum 65 degrees Fahrenheit, 48 to 72 hours prior to, during, and after installation.

**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.

**AMBIENT RELATIVE HUMIDITY:** Between 12 % and 65 % for 24 hours prior to installation.

**RELATIVE HUMIDITY in SUB-STRATE:** Determined by the ASTM-F-2170-09 "Relative Humidity in situ Probe Test should not exceed 80%.

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

**SUBFLOOR:** 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 Masland carpet tile.

**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:

Masland Modular Tile Adhesive can be applied directly over existing pressure sensitive adhesive as long as the existing PSA is PVC compatible/

Other pressure sensitive adhesives must be scraped and sealed with Masland Contract Encapsulate Primer before applying our Modular Tile Adhesive.

##### Old Multi Purpose:

Thoroughly scrape all trowel ridges to create a level surface, then seal with Masland Contract Encapsulate Primer before applying our Modular Tile Adhesive.

##### Masland Contract Encapsulate Primer Coverage:

Approximately 140 to 160yds per 4 gallon pail.

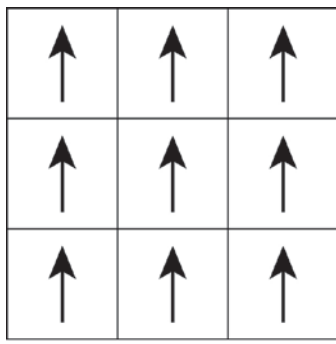
\*Please note Masland Contract Encapsulate Primer is designed to encapsulate existing adhesive and will not correct moisture emission issues.

**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.

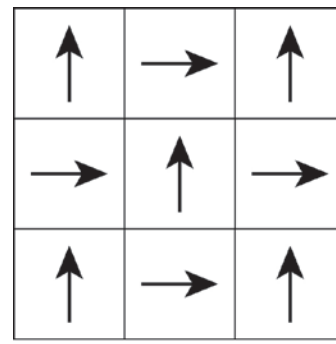
#### LAYOUT

**ROOM SQUARENESS:** Check the installation area for squareness 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. Align carpet tiles to these lines as they will assist in keeping the patterns uniform and square across the room.

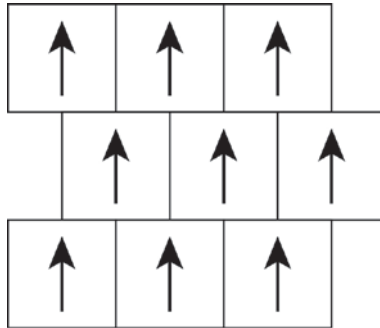
Masland Contract modular styles may be installed utilizing various configurations; however, certain styles look best when installed in a specific installation method. Please refer to the architectural folder or the web site for product specific company recommendations. In all cases where an installation method may be in question we highly recommend doing a mock-up installation for aesthetic approval. Back stamp arrows indicate the machine direction of the tiles and will aid the installation process.



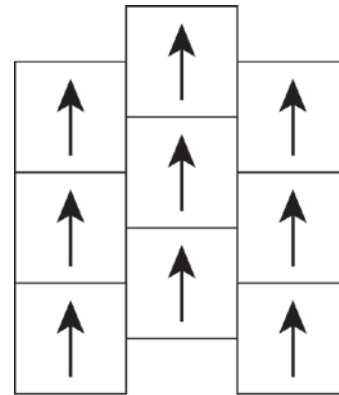
MONOLITHIC



QUARTER TURN



BRICK ASHLAR



VERTICAL ASHLAR

**ADHESIVE REQUIREMENT:** Masland Contract Modular Tile Adhesive

**ADHESIVE APPLICATION:** Apply the adhesive with a 3/16" short nap paint roller, or for confined areas 1/16" x 1/32" x 1/32" U notch trowel may be more suitable.

**SPREAD RATES:** When using a short nap paint roller approx. 120 sq yards per 4 gallon pail. When using a 1/16" x 1/32" x 1/32" U notch trowel approx. 100 to 120 sq yards per 4 gallon pail. Do not exceed recommended coverage. Apply the adhesive in a thin uniform layer over the entire surface of the floor. Allow the adhesive to dry completely to ensure that there will be no transfer to the tiles. This is a pressure sensitive adhesive and cannot over dry. Installing carpet tiles into wet adhesive will result in a permanent bond.

The first tile should be placed in one of the corners where the chalk lines cross at the center of the room. Begin installing the remainder of the room using the pyramid method shown in the above illustration, following the numbered sequence for the quadrant. Repeat the procedure for the adjacent quadrants until the room is completed.

Make sure the modules follow the perpendicular chalk lines, and install the adjacent modules snugly, but not so tight as to cause buckling.

**CUTTING:** The modules can be cut by measuring first and then cutting from the back using a utility knife and straight edge. Exercise caution when cutting the tiles so that the arrows on the cut piece will correspond with adjacent tiles. Cutting the tiles to full will create compression, which can cause doming, or buckling of the tiles.

**TRANSITION AND TERMINATING AREAS:** Where carpet tile transitions to other floor coverings, the carpet tile edges are required to be protected or covered with appropriate transition moldings. The edge of the hard surface flooring should not exceed a maximum of 1/16" higher than the total carpet tile thickness where no transition molding exists. Damage tile at transition or terminating areas is not a manufacturing defect.

**POST INSTALLATION:** Luan, Masonite or Heavy Kraft paper may be used as post installation protection. Regardless of installation method do not use plastic, self adhering membranes or any other type of impermeable products. These products can leave adhesive residue on the carpet fiber and will attract soiling and possibly cause discoloration. **USE OF THESE PRODUCTS WILL VOID ALL WARRANTIES**

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