



## Carpet Tile Installation Instructions Utilizing Sustaina™ 99 Adhesive

### Technical Services Bulletin 03/15/2020

**ATTENTION:** Before you start, read this bulletin and other applicable literature pertaining to the installation of AtlasMasland Sustaina™ carpet tile. Any topics not specifically covered in this bulletin should be directed to AtlasMasland 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:** AtlasMasland specifically excludes claims involving carpet tiles installed with visible defects.

**NOTE:** Should other trades perform work in areas where AtlasMasland 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 AtlasMasland 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 not exceed 12. If the pH is above 12 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 99%."

**CONCRETE:** Should be allowed to cure for 90 to 120 days.

**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 AtlasMasland Sustaina™ carpet tile.

**PATCH & LEVELERS:** Cracks and unlevelled sub floors should be corrected with moisture resilient products that are suitable to the same RH 99% as our Sustaina™ tile and adhesive.

### Old Adhesives

**OLD PRESSURE SENSITIVE:** Should be thoroughly scraped down to yield a clean smooth substrate before applying Sustaina™ 99 adhesive.

**OLD MULTI-PURPOSE:** Must be completely removed to create a clean and level substrate before applying Sustaina™ 99.

**ATLASMASLAND ENCAPSULATE PRIMER COVERAGE:** Approximately 140 to 160yds per 4-gallon pail. \*Please note AtlasMasland Encapsulate Primer is designed to encapsulate existing adhesive and will not correct moisture emission issues.

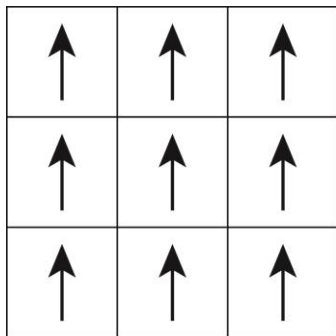
**SWEEPING:** Sweep or vacuum the entire area before applying adhesive. Do not use sweeping compounds; they often contain oily residues which can inhibit the adhesive bond.

### Layout

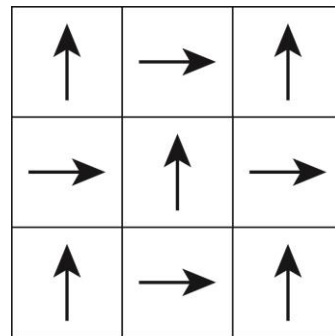
**ROOM SQUARENESS:** Check the installation area for squareness then strike a chalk line parallel to an outside wall across the center of the room. Strike another chalk line perpendicular to the first line, also across the center of the room. Align carpet tiles to these lines as they will assist in keeping the patterns uniform and square across the room.

### Layout (continued)

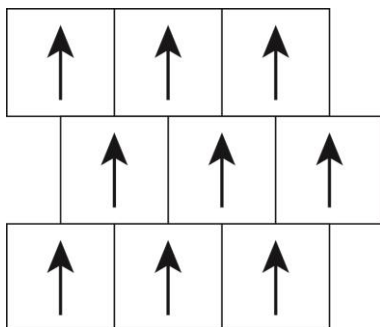
AtlasMasland modular styles may be installed utilizing various configurations; however, certain styles look best when installed in a specific installation method. Please refer to the architectural folder or the web site for product specific company recommendations. In all cases where an installation 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. The numbers stamped on the back of the tile are for internal reference only.



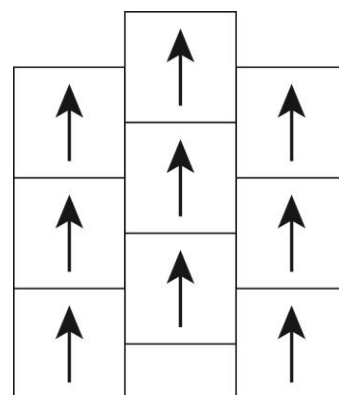
MONOLITHIC



QUARTER TURN



BRICK ASHLAR



VERTICAL ASHLAR

**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 3/8" short nap paint roller approx. 120 to 130 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 uniform layer over the entire surface of the floor. Allow the adhesive to dry to the touch, this leaves a 4 hour working window after drying. This is a pressure sensitive adhesive and 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 meet at the center of the room. Begin installing the remainder of the room from this position. Make sure the modules follow the 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. Damaged 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 **AtlasMasland Technical Services: 1-800-633-0468**