**Patterned Broadloom Carpet Installation Instructions**

Technical Services Bulletin #101 10/2018

**NOTE:** This publication is intended for use with direct glue and double glue installation. For stretch over cushion using the tackless strip method, strictly follow the guidelines found in the Commercial Carpet Installation Standard, more commonly known as the CRI-104.

**ATTENTION:** Before you start, read this bulletin and other applicable literature pertaining to the installation of AtlasMasland carpet. 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 exclude claims involving carpet which has been cut and installed with visible manufacturing defects.

**NOTE:** Should other trades perform work in areas where AtlasMasland carpet has 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.

**TOLERANCES:** AtlasMasland products are manufactured to rigid quality standards. However, because carpet is a textile product, certain tolerances are considered within normal limits and are not considered manufacturing defects.

- **BOWING**
  - 1.0 in / 12 ft. width

- **PATTERN**
  - 1% or 1.44 in / 12 ft.

- **SKEWING**
  - 1.5 in / 12 ft.

- **EDGE TRUENESS**
  - 0.50 in 12 ft. length

**CARPET CONDITIONING:** At least 24 hours prior to installation, roll out carpet on the job site and smooth out wrinkles. Conditioning allows the carpet to relax and become more pliable for seaming and aligning pattern match.

**Job Site Conditions**

**TEMPERATURE:** Minimum 65°F, 48 to 72 hours prior to, during, and after installation.

**LIGHTING:** Operative to level of occupancy.

**SUBFLOOR:** Sound, and free of grease, oil, paint, or any foreign substance that may inhibit the adhesive bond.

**pH:** If pH readings exceed 10 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 90%.

**AMBIENT HUMIDITY:** Between 12% and 65%.

**CONCRETE:** Must cure for a minimum of 90 days. Any topical coating or curing/sealer should be removed.

**PATCH:** Cracks larger than 1/8” must be filled with an approved latex or cementitious compound. Such as Ardex, Mapei, Schonox, or similar.

**Layout**

**ROOM UNIFORMITY:** Measure the installation area for consistency and strike a chalk line parallel to an outside wall across the room, strike a second chalk line perpendicular to the first one. Align the carpet to these lines as they will help you keep the patterns straight and square during the installation.

**Direct Glue**
Double Glue Installations

CUSHION REQUIREMENTS: Densified urethane or rubber pad suitable for double glue 1/4" max thickness.

<table>
<thead>
<tr>
<th>ADHESIVES:</th>
<th>TYPE</th>
<th>TROWEL</th>
<th>SPREAD RATE</th>
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<tbody>
<tr>
<td>Pad to Floor</td>
<td>AtlasMasland Premium Carpet Adhesive</td>
<td>3/32&quot; x 3/32&quot; x 3/32&quot; V notch</td>
<td>10 yards/gallon</td>
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<tr>
<td>Carpet to Pad</td>
<td>AtlasMasland Premium Carpet Adhesive</td>
<td>1/8&quot; x 1/8&quot; x 1/8&quot; U notch</td>
<td>8 yards/gallon</td>
</tr>
</tbody>
</table>

PATTERN MATCHING: Incorporate all procedures specified for pattern matching, seaming as listed in the direct glue portion of the bulletin. NOTE: Use a "cotton head" in place of a standard head for the power stretcher. Failure to do so may permanently damage the cushion.

SEAMING: AtlasMasland requires the use of a hot melt tape specifically designed for double glue applications. (Regular seaming tape with a silicone coated back is inappropriate.) Follow cutting techniques described earlier. Acrylic or latex seam sealer is required.

ROLLING: Flatten out any carpet wrinkles into the adhesive using a three-foot section of the cardboard carpet core or similar and allow adequate tack time (approx. 4 hours) before rolling with a maximum 50 lb. roller. Using a roller in excess of 50lbs. may displace the adhesive leaving insufficient amounts in some areas and cause premature installation failure. AtlasMasland requires double stick installations be limited to installation personnel only for a minimum of 30 hours to allow the adhesives to cure properly. Premature traffic may cause installation failure. Cleaning of the carpet should wait a minimum of 40 days after the installation.

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 at 1-800-633-0468.