Tufted and Woven Goods Double Stick

INSTALLATION INSTRUCTIONS

Unibond® Plus | Weldlok® | Woven

Carpet Installation Check-Off List

1. Newly poured concrete floors generally take 30 days per inch to cure. Moisture should not exceed 80% relative humidity as determined by current ASTM standard. If the result is higher than 80% RH, do not proceed with the installation. Gypcrete or substrates with excessive dust must be cleaned, and then primed with an approved primer, such as a latex milk additive.
2. The alkalinity or pH in a concrete slab should be between 5 and 9 for a glue-down installation.
3. The floor and room temperature must be acclimated by maintaining the temperature at 65° F and 85° F, and the humidity between 30% and 65%, for at least 48 hours before and during installation. In addition, the carpet and adhesive should be stored under these conditions for at least 24 hours before installation. The installation site must be acclimated with HVAC in operation.
4. When the installation is complete, the jobsite must be maintained at normal service temperature and humidity.
5. Existing adhesive must be properly prepared prior to any installation of Mohawk Group's broadloom carpet. See note#1 above.
6. Mechanically remove all wax, dirt, grease or paint. DO NOT use chemical solvents to clean the floor or remove existing adhesives. DO NOT use oil based sweeping compounds. Fill cracks more than 1/16" wide with a Portland cement based patching compound or high alumina cement that meets or exceeds the compressive strength of 3000 psi. The floor must be flat to within 3/16" in 10' and 1/32" in 12". Use leveling compound when required. Patched areas may need to be primed with an approved primer (consult patch manufacturer for requirements). DO NOT install over resin or silicate-based curing compounds whether topically applied to the concrete after the pour or added to the concrete during the pour as an admixture.
7. Inspect all carpet prior to cutting and contact your sales representative before installing the carpet if you discover any problems. No claims will be allowed for visible defects after the carpet has been cut and installed.
8. Carpet should only be bent when absolutely necessary for transporting purposes and must be unrolled immediately. Carpet should be rolled out and allowed to relax for at least 24 hours prior to installation.
9. Never cut carpet over carpet as this can result in over penetration of the blade and cutting loops on the lower carpet.
10. Carpet should be protected from heavy traffic and construction dust with a non -staining building material paper. Never use plastic sheeting as it will trap moisture and prevent proper curing of the adhesive. Plastic may also leave residues that can result in rapid soiling after removal.
11. Furniture placement and heavy traffic should be avoided for at least 48 hours after a double-stick installation. Furniture and heavy equipment, concentrated pressure, and movement over unprotected carpet can cause adhesive breakdown. This can result in buckling and/or wrinkling. It is strongly recommended that plywood or masonite boards be placed over the carpet during the move -in phase to spread the concentrated weight of furniture and heavy equipment. Foot traffic should be avoided for 24 hours after the installation.
12. If any of the above conditions are not attainable, contact Mohawk Group Technical Services at 800-833-6954.

© 2026 mohawkgroup.com | 800.833.6954

Please Note:

1. Asbestos-containing floor tiles, any adhesive possibly containing asbestos, or other asbestos-containing floor coverings require special preparation, handling, and removal procedures. Consult the appropriate local or state authorities or the Resilient Floor Covering Institute before disturbing any suspected asbestos containing material.
2. Installation of Mohawk Group's broadloom carpet on a floor outside the scope of the guidelines in this document will void all applicable warranties.
3. The Mohawk Group is not responsible for any product failure due to improper floor preparation and/or installation procedures. The required adhesives are Mohawk Group's family of adhesives.

Required Equipment

The following items may be purchased from a local carpet workroom supplier

- NuBroadlok Premium Multi-Purpose or NuBroadlok VRT Adhesive
- EnPress Adhesive
- NuBroadlok Edge Sealer
- Row Runners
- Cushion back cutter or top cutter
- 1/8" x 1/8" x 1/16" U-notched trowel
- 1/16" x 1/16" x 1/16" square notched trowel
- 35 to 50 lb. Roller
- Premium seam tape
- Straight Edges
- Razor Knives
- Dead Man
- Hammer
- Stay Nails
- Dry Line
- Chalk Line
- Tape Measure
- Seaming Iron with heat shield

The Mohawk Group does not recommend the use of tool trays, carpet cores, or boards to transfer adhesive from cushion to carpet. These methods usually result in squeezed-out adhesive and could cause pockets of poor adhesion (bubbles).

Carpet Layout

It is always advisable to lay out the carpet the day before the installation. This allows the carpet to relax and improves performance. When feasible, install so the majority of the traffic moves in the lengthwise direction of the carpet.

Cushion/Padding

Felted underlays (synthetic fiber cushion) such as Smart Step, or hair and jute underlays should be at least 28 oz. in weight and should not exceed 3/8" thickness.

Flat rubber or urethane foam padding such as SmartTred, should not exceed 3/8" thickness and must have a minimum density of 16 lbs.

Installing Cushion/Padding

Cushion should be installed in the longest lengths possible, taking into consideration traffic pattern and seam placement. Offset cushion seams from carpet seams by 6 inches. After breadths are in place, fold or roll cushion back and spread with EnPress Adhesive with a 1/16” x 1/16” x 1/16” square notched trowel and allow the adhesive to set until tacky. Lay cushion into adhesive and trim flush with the wall or baseboard. NuBroadlok can also be used to adhere the cushion to the floor using a 1/16” x 1/16” x 1/16” square notched trowel. Spread rate for the 1/16” x 1/16” x 1/16” square notch trowel is 16-22 sq yds per gallon.

Pile Direction

All broadloom carpet should be installed with a consistent pile direction. This can be determined several ways.
One of them is the pencil and paper test. Woven carpets have a different color warp yarn approximately 12” from the selvage edge.

Carpet Cutting and Seam Trimming

The seams must be trimmed on the row to ensure that patterned carpet will be match-able. If possible, trim between patterns in the solid areas of the background. Use a row runner, straight screwdriver, awl, etc., to open rows.

Tufted Carpet - Trim the selvage with a loop pile cutter or cushion back cutter utilizing a sharp blade. Hold at a slight angle so that more of the backing material is removed. Head seams should be cut from the face with a straight edge and cushion back cutter from pattern to pattern.

Woven Carpet - Trim all seams with a loop pile or cushion back cutter. Cutter should be held straight up and down.

Apply a bead of Nubroadlok Edge Sealer to all cut edges of Woven grades immediately after trimming. Press the latex into the base of the pile with thumb, smoothing out any lumps. Be careful not to rub the edges, which could distort the seam. Allow the Edge Sealer to completely dry before proceeding.

All seams must be sealed with NuBroadlok Edge Sealer and be heat tape seamed.

Use a Premium low profile seaming tape.

Transitions

All cut edges at transitions must be sealed or covered with an appropriate molding to protect the edges. For all carpets where no transition molding is used, apply a minumum of 1/8" bead of seam/edge sealer to the edge of the carpet along the entire transition.

Pattern Matching

It must be understood that carpet is a textile and cannot be made to exact specifications. All patterned carpet is subject to certain manufacturing tolerances; therefore, a perfect pattern match cannot be guaranteed. However, a match should be achievable by stretching the short side out to meet the long side.

Tolerances for patterned carpet are:

Bow: 1-1/2 inches across the 12-foot width

Skew (Bias): 1-1/2 inches across the 12-foot width

Pattern Elongation: 1-1/2 inches in 12 feet along the length

Please Note: If you are having trouble matching a pattern, STOP and call Technical Services at 800-833-6954.

Roll Sequencing by Pattern Count

Rolls of patterned carpet must be sequenced so the longest pattern is installed first and the roll with the next longest pattern can be stretched to match the longer one. This procedure is critical because it is impossible to shrink a longer pattern to match a shorter pattern. This requires each roll be measured for pattern repeat prior to installation. See specific pattern elongation installation procedures below.

Correcting Pattern Elongation

All rolls should be dry-laid and the pattern repeat measured to establish the correct roll sequence. The longest pattern must be installed first, then the next longest, etc. This allows the shorter pattern to be stretched to the longer pattern and keeps the closest pattern repeats together. After the roll sequence is established, glue half the long pattern and half the shorter pattern lengthwise.

Stretch the shorter pattern to match the longer pattern by starting the center of the seam and stretching toward the ends. Glue the remaining portion of the two breadths and repeat the above process. Stay nails will be needed to secure the pattern match as the adhesive sets.

Corrective Steps for Bow and Skew

Make a cut across the patterns at one end and then apply the adhesive using the proper trowel. Push the short corners to the wall and stretch the excess carpet created by the bow or skew to the opposite wall using a power stretcher and crab stretcher. Use stay nails to hold the pattern in place until the adhesive sets. Follow this procedure throughout the installation. In large rooms, start in the center of the seam correcting the bow & skew with a power stretcher or crab stretcher. A dry line should be placed along the pattern for reference.

Applying Approved Adhesive

NuBroadlok Premium Multi-Purpose Adhesive and NuBroadlok VRT are the only adhesives approved for use in double-stick installations. The use of NuBroadlok Premium Multi-Purpose or NuBroadlok VRT Adhesive is vital to ensure optimum results. Applying an improper adhesive can result in an installation failure for which Mohawk Group cannot be held responsible. To make certain that the proper amount of adhesive is transferred to the back of the carpet, a 1/8” x 1/8” x 1/16” U-notched trowel must be used. The trowel may be a synthetic fiber pad trowel (spread rate 3-5 sq yards per gallon), or a solid rubber or urethane pad trowel (spread rate of 5-7 sq yards per gallon).

General Installation Procedures

1. Cut carpet to the necessary length and lay into proper position. Trim selvage, following yarn row on tufted and woven products. When trimming seams, do not allow the knife to penetrate through the cushion, as this could cause loss of adhesive.
2. Fold carpet a workable amount on each side of the seam and apply NuBroadlok Premium Multi-Purpose or NuBroadlok VRT Adhesive. Allow the adhesive to set using the proper open time before placing carpet into the adhesive. Open time depends on the amount of humidity in the area. Higher humidity requires a longer open time. A good double -stick pad will not absorb adhesive so it will take longer for the adhesive to reach the tacky stage.
3. INSTALLING CARPET BEFORE THE ADHESIVE HAS REACHED THE TACKY STAGE WILL RESULT IN AN INSTALLATION FAILURE.
4. After sufficient open time, fold or drop one side of the carpet into the adhesive. Apply seaming tape under the seam. Fold and push the next side against the first. Use procedures described above to align the pattern at seam and correct bow and skew.

5. After seam is aligned, hot melt the seam together.
6. Roll carpet into the adhesive using a 35 to 50 lb. roller both widthwise and lengthwise to ensure good transfer of adhesive to the back of carpeting. This will allow the adhesive to penetrate the carpet backing properly.

Chair Pads

Chair pads are recommended for use under chairs with roller casters. Casters must be the flat, round type with 5/8” to 1” width minimum. If chair pads are not used, the appearance of the carpet will decline. Maintenance will be required more frequently when pads are not used.

Please Note: The use of Mohawk Group brand adhesives is required to ensure optimum results and are the only approved adhesives that the Mohawk Group will warrant. Failure to use our branded adhesives may result in warranties being null and void.

This information, offered as a customer service, is based on Mohawk Group’s engineering tests and field experience. It is intended for installers with professional experience to be used at their discretion and risk. The Mohawk Group does not guarantee results and assumes no liability in connection with these installation instructions.

160 South Industrial Blvd.
Calhoun, GA. 30701
MohawkGroup.com

Technical Services Department
508 East Morris St.
Dalton, GA 30721
800.833.6954
ssproductinfo@mohawkind.com

© 2026 mohawkgroup.com | 800.833.6954