

Direct Glue-Down Installation — Weldlok Unitary

Exclusive to Mohawk Commercial and Bigelow Commercial.

MG803 SLT0000873 1/06

 **The Mohawk Group**
500 TownPark Lane Suite 400
Kennesaw, GA 30144
800-554-6637
www.mohawkgroup.com

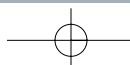
Field Technical Services Department
405 Virgil Drive
Dalton, GA 30721
800-833-6954

KARASTAN
CONTRACT

Durkan
COMMERCIAL

MOHAWK
COMMERCIAL

BIGELOW
COMMERCIAL



Warning

The Unitary system is engineered for direct glue-down installations only, and should never be installed using the tackless method or double-bond method.

Carpet Installation Checkoff List

1. Newly poured concrete floors generally will take 90 to 120 days to cure. If moisture exceeds five pounds as determined by a calcium chloride test kit (Refer to CRI 104) consult manufacturer.
2. The alkalinity or pH in a concrete slab should be between 5 and 9 for a direct glue-down installation.
3. The temperature of a concrete slab must be stabilized above 65° F both 24 hours before and 24 hours after installation.
4. The following environmental conditions inside the building are critical for proper installation: The temperature must be between 65° F and 95° F, and the humidity between 10% and 65%, for at least 72 hours before and 72 hours after installation. In addition, the adhesive and seam sealer should be stored under these conditions for at least 24 hours before installation.
5. Old cut-back adhesive must be properly sealed or removed prior to any direct glue-down installation. See note below.
6. Carpet should be rolled out and allowed to relax for at least 24 hours prior to installation. Carpet should never be folded or creased, as this can result in permanent wrinkles.
7. Never install carpet over carpet.
8. Never cut carpet over carpet, as this can result in overpenetration of the blade and cutting loops on the lower carpet.
9. Furniture placement and heavy traffic should be avoided for at least 24 hours after a direct glue-down 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.

Please Note: 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.

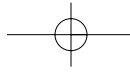
Required Tools And Materials

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

1. NuBroadlok™ Adhesive
2. Foam back cutter or top cutter
3. 1/8" x 1/8" x 1/8" U-notched trowel
4. 50 to 75 lb. roller
5. Crab stretcher and power stretcher

Pile Direction

All full-width Weldlok grades have an arrow on the back running approximately 2 feet from the selvage along one side of the carpet. This arrow indicates pile direction. When seaming, the pieces of carpet should be joined with the arrow running in the same direction on each breadth. All cut carpet used as fill pieces should be marked to indicate pile direction before the arrows are removed.



Recommended Cutting Methods

Weldlok carpets should be cut between the rows using a top cutter. In all cut/loop and loop constructions, care must be taken to ensure that no loops are cut.

Lengthwise Cuts

Part or trace the pile with a screwdriver along the length of the proposed cut. Insert the top cutter between the yarn rows and cut along the face of the carpet. The top cutter should always be inserted so that the blade is close to the seam edge.

Widthwise Cuts

Follow the same procedure as for lengthwise cuts, inserting the top cutter with the blade close to the seam edge.

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

If you are having trouble matching a pattern, STOP at once and call the hotline number, 800 833-6954.

Please Note: Pattern installation instructions and diagrams are shipped in each roll of carpet.

Applying Approved Adhesive

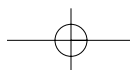
NuBroadlok is the only adhesive approved for use in direct glue-down installations. The use of NuBroadlok Adhesive is vital to ensure optimum results. Applying an improper adhesive can result in an installation failure for which Mohawk cannot be held responsible.

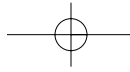
Proper open time is critical for the adhesive to develop the proper tack. Open time will usually range from 10 to 30 minutes but should be evaluated in a small area before proceeding with the installation. Allow the adhesive to remain open long enough to develop tack. However not too tacky that the pattern can not slip to make a proper match.

General Installation Procedures

1. Make sure that the pile-lay runs in the same direction. Check starting wall for squareness, allowing for an off-square wall. Strike a chalk line the entire length of the area where the seam falls.
2. Place two lengths in the proper position for installing, and trim selvages. Line up the seam edges with the chalk line, making sure they are perfectly flat and tension free.
3. Fold or roll both widths back 3 feet from the seam area for the entire length of the carpet.
4. Spread NuBroadlok Adhesive from the approximate center toward each end, using a 1/8" x 1/8" x 1/8" U-notched trowel and steady, even strokes. When sufficient floor area has been covered with NuBroadlok, wait until the adhesive has reached the appropriate tacky stage before dropping the first breadth of carpet into place. Apply a thin coating of NuBroadlok Seam Sealer to the seam edge of the first breadth. Follow this procedure for each succeeding breadth at the seam. Drop or roll the second breadth into position, and fit the seam in tightly using a knee kicker if necessary. Roll looseness and air bubbles away from the seam.

Please Note: NuBroadlok Seam Sealer must be used on all seams.





5. The remaining portion of the first breadth can now be folded or rolled back from the floor. Apply NuBroadlok to the floor; wait until the adhesive has reached the proper tacky stage before dropping the carpet into place. Be sure to have enough people spreading the adhesive so that, after the floor is covered with adhesive, each breadth is in place within the determined period of open time.
6. Roll or fold back the dry portion of the second breadth toward the seam, spread the NuBroadlok, and place the carpet to 3 feet from where next seam will fall.
7. Be sure to roll out looseness and air bubbles as the carpet is put in place. Repeat above procedures on continuing breadths. To trim the carpet at the wall, use a razor-blade knife or suitable wall trimmer.
8. Roll completed installation with a 50 to 75 lb. roller in both length and width. This will allow the adhesive to penetrate the carpet back properly.

This information, offered as a customer service, is based on The 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.

Please Note:

The use of Mohawk branded adhesives are required to ensure optimum results and are the only approved adhesives that Mohawk Industries will warrant. Failure to use Mohawk branded adhesives can result in warranties being null and void.

