



# Double-Stick Installation

Exclusive to Karastan Contract, Durkan Commercial, Mohawk Commercial,  
and Bigelow Commercial.

MG808 SLT0000888 1/06

 **The Mohawk Group**  
500 TownPark Lane Suite 400  
Kennesaw, GA 30144  
800-554-6637  
[www.mohawkgroup.com](http://www.mohawkgroup.com)

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

KARASTAN  
CONTRACT

Durkan  
COMMERCIAL

MOHAWK  
COMMERCIAL

BIGELOW  
COMMERCIAL



**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**

1. Cushion of at least 16 lbs. density and no more than 1/4 inch in thickness. Contact individual manufacturers regarding their specifications. The Mohawk Group will not be responsible for the use of cushion/padding that does not conform to these recommendations.
2. Releasable adhesive between cushion and floor, spread with a 1/16" x 1/16" x 1/16" square notched trowel.
3. Spread NuBroadlok adhesive in an uniform manner between carpet and cushion with 1/8" x 1/16" x 1/8" U notch trowel. Keep the trowel clean and notched all the time.
4. Nubroadlok Seam Sealer and NuBroadlok Edge Sealer.
5. 35 to 50 lb. roller.

Mohawk 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).

*Please Note:* A premium double-stick seam tape such as AAT-URA-BOND U900, Orcon-XU90 Capitol Softloc, or Kol Glide seaming system can be used for Tufted Action Bac and Ultra Performance System carpets. However seam tape is not recommended for woven carpet.

**Lay Out Carpet**

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**

To achieve the best performance, a high-density cushion not more than 1/4 inch thick and not less than 16 lbs. density is recommended. Low-density cushions cannot be successfully used on double-stick installations. Excessive flexing with low-density cushions will cause installation failure; additionally, some pads absorb adhesive. These characteristics must be reviewed with the pad manufacturer prior to installation.

**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 NuBroadlok™ Releasable Adhesive with a 1/16" x 1/16" x 1/16" square notched trowel. Allow the adhesive to set until tacky. Lay cushion into adhesive and trim flush with the wall or baseboard.

**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.

**Installing Carpet**

Cut carpet to the necessary length and lay into proper position. Trim selvage, following yarn row on tufted and woven products when possible. When trimming seams, do not allow the knife to penetrate through the cushion, as this could cause loss of adhesive. Fold carpet 3 feet on each side of the seam and apply NuBroadlok Multi-purpose, using a 1/8" x 1/16" x 1/8" U-notched trowel. The spread rate should be 6 to 7 square yards per gallon. 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. Squirrel-cage carpet fans may be used to help the adhesive set faster. A good double-stick pad will not absorb adhesive so it will take longer for the adhesive to reach the tacky stage.

Turn on an air conditioner in the summer or heat in the winter to reduce the humidity below 65%. INSTALLING CARPET BEFORE THE ADHESIVE HAS REACHED THE TACKY STAGE WILL RESULT IN INSTALLATION FAILURE. After sufficient open time, fold or drop one side of the carpet into the adhesive. Apply edge sealer to the side of the carpet backing material. Fold and push the next side against the first. Roll carpet into the adhesive with a 35 to 50 lb. roller both widthwise and lengthwise to ensure good transfer of adhesive to the back of carpeting.

*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.

