

Direct Glue-Down Installation – Attached Cushion

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

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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. NuBroadlok Edge Sealer
3. NuBroadlok Seam Sealer
4. Cushion back cutter
5. Crab stretcher and power stretcher
6. 3/32" x 3/32" x 3/32" V-notched trowel
7. 35 to 50 lb. roller
8. Knee kicker
9. Stair tool

Pile Direction

All full-width, attached-cushion carpets 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.

Carpet Cutting And Seam Preparation

1. Row-cut each seam with a cushion back cutter. A screwdriver, or the tip of the cushion back cutter, may be used to separate the yarn before cutting.
2. For widthwise cuts (cross seams) follow the same procedure as for lengthwise cuts, inserting the top cutter with the blade close to the seam edge. When patterned carpet is cut for seaming, each piece must be cut to match the pattern of the preceding piece.
3. On woven products, all cut edges must be edge-sealed with NuBroadlok Edge Sealer to seal the raw edge and minimize fraying.

Applying Adhesive

NuBroadlok is the only adhesive approved for use in attached-cushion 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.

Seaming Procedures

1. Carefully fold back both breadths of carpet approximately 4 feet from the seam, being careful not to shift the carpet. Note: Place a weight on the carpet, or stay-nail the center of both breadths, before folding back lengthwise to prevent the carpet from shifting.
2. Spread NuBroadlok Adhesive in a uniform manner with a 3/32" x 3/32" x 3/32" V-notched trowel. Keep the trowel clean and notched at all times.
3. 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.
4. Lay one side of the carpet into the adhesive to a chalk line and smooth it out. Press the carpet into the adhesive by rolling with a 35 to 50 lb. roller both lengthwise and widthwise. This will remove any trapped air bubbles and transfer the adhesive to the backing in a uniform manner.
5. Seal the seam edge by carefully applying a 1/8-inch bead of NuBroadlok Seam Sealer to the primary backing level. Butt the second edge tightly against the first edge. This allows the seam adhesive to transfer from one edge to the other and completely seal the seam.

IMPORTANT: If latex seam sealer gets on the face of the carpet, clean up with soap and water while wet. If a solvent-based cleaner is used, safety solvent or an adhesive remover is recommended. **DO NOT USE PETROLEUM-BASED CLEANING PRODUCTS.**

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:

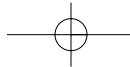
Bow: 1-1/2 inches across the 12-foot width

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.

**Installation On Straight Stairs Without Nosing**

1. Carpet should be installed in one piece over both tread and riser. Measure both the left and right sides of each step and cut the carpet to fit.
2. Apply a band of nonflammable contact adhesive with a 3-inch paint roller, or a coarse-bristle paintbrush, to the step nosing, carrying it over 2 to 3 inches on the tread and riser. Apply a nonflammable contact adhesive to the corresponding area on the back of the precut carpet.
3. Using a 3/32" V-notched trowel, apply NuBroadlok Adhesive to the remaining areas of the tread and riser.
4. Allow the adhesive to become tacky before installing carpet on the step. Contact adhesive should be dry to the touch.
5. Smooth the carpet to the sides and corners on both tread and riser, using your hands and a stair tool.

Installation On Straight Stairs With Nosing

1. Carpet should be installed with one piece covering the tread and nosing and a separate piece covering the riser.
2. With precut carpet, allow 1 extra inch in length and width. Mark the exact measurements of each tread and nosing, and cut to fit.
3. Using the riser measurements of each step, cut the carpet to fit.
4. Apply a band of nonflammable contact adhesive with a 3-inch paint roller, or a coarse-bristle paintbrush, to the nosing and under the nosing, and 2 to 3 inches on the stair tread. Apply a nonflammable contact adhesive to the corresponding areas on the back of the precut carpet for both the tread and the nosing.
5. Using a 3/32" V-notched trowel, apply NuBroadlok Adhesive to the remaining areas of the tread and riser.
6. Allow the adhesive to become tacky before installing carpet. Contact adhesive should be dry to the touch.
7. Position carpet to the tread and nosing; smooth carpet to the sides and corners using your hands and a stair tool. Use the same method for the riser.

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.

