

Technical Bulletin

This product is a high-density, low-profile carpet cushion developed for commercial/contract installations. This product may be used in conventional (e.g., stretch-in over strip) applications even though the product's primary function is for use with the double-glue-down method.

Double-glue-down – simply means an installation whereby the cushion is glued to the floor and the carpet is then glued to the cushion.

The major advantages are the elimination of re-stretch problems, reduction of seam peaking, and increased carpet life and appearance retention.

Double-Glue-Down Method

Preparation – It is imperative that the adhesive, carpet, and cushion be stored for 48 hours at room temperature (65-degree minimum) before installation.

The floors must be dry and free of any substance that would interfere with good adhesion; holes, loose tiles, or boards should be repaired to make for a smooth surface.

The cushion should be laid out in the longest lengths possible with the seams running perpendicular to the seams in the carpet. If the seams cannot be at right angles to the carpet seams, keep the cushion seams at least 6" from the carpet seams. Cushion edges should be butted together. Any excess along the perimeter walls should be trimmed and tightly fitted.

Gluing the Cushion – Pressure-Sensitive Adhesive or Premium Multipurpose

After all the cushion is in place, fold it back and apply adhesive to the floor.

The adhesive should be applied with a notched trowel according to the adhesive manufacturer's recommendations (see CRI Carpet Installation Standard 104). To ensure sufficient bond of the adhesive, the cushion should be laid into the adhesive while in a "tacky wet" condition. Using a flat object, smooth the cushion into the adhesive, working toward the seams, making sure it is free of buckles and that the seams are tight without overlapping.

Gluing Carpet to Cushion – Premium Multipurpose Adhesive

Trowel the premium multipurpose adhesive designed specifically for double-glue installation over cushion with 1/8" to 3/16" U-notched trowel, depending on the type of carpet backing. For woven, knitted, and unitary backing, apply sufficient adhesive to penetrate all uneven surfaces of backing. Lay carpet into adhesive according to adhesive manufacturer's recommendation for open time so as to allow even distribution and penetration of adhesive on all areas of backing. CAUTION! "Environmentally friendly" adhesives may require more open time. Installing carpet into adhesive prior to sufficient open time may cause the adhesive to migrate up and into the carpet's latex backing and could result in adhesion failure. The use of fans will help reduce setup time and promote tackiness. Roll in both directions, carefully checking to avoid any bubbles prior to full adhesive setup time. **Do not use roller in excess of 35 lbs; if unavailable, use the carpet core or similar object.**

Traffic should be denied over carpeted area for a minimum of 24 to 48 hours after installation. Failure to do so will create areas where carpet and cushion have been denied proper adhesion.

Exposure to water from cleaning and other sources should be restricted for a minimum of 30 days. Dry-cleaning systems are preferred.

Seaming: Installer may hand-sew, or hot-melt, tape (non-silicone-treated) seams depending on carpet manufacturer recommendations. Hot-melt taping is preferred as a seaming method to avoid potential expansion/contraction of carpet seams.

Note: Certain types of backing, such as fusion-bonded, are not compatible with many multipurpose adhesives. Refer to your adhesive manufacturer for their recommendation as to the correct adhesive and application. Verification of trowel settings, setup time, and additional questions should be referred to your adhesive manufacturer.

Note: Certain carpet backings, such as Wilton, Unitary, and some from Axminster, may influence suitability for double-stick. Please consult the carpet manufacturer for instructions and approval.

It is imperative that a premium multipurpose adhesive specifically for double-glue installations and the proper trowel notch be used. Failure to do so could result in adhesive breakdown, crystallization, or premature failure of adhesive between carpet and cushion.

IMPORTANT: USE ONLY NON-FLAMMABLE, NON-COMBUSTIBLE ADHESIVES.