

Installation Guideline for Outdoor Carpets

Carpet installation should comply with this guideline. Additional requirements can be obtained in the Carpet and Rug Institute (CRI) Standard for Installation.

Specification

The carpet you have selected is designed for residential use in both indoor and outdoor settings. The amount of traffic and use your carpet receives is based on your individual judgment and should be suitably constructed and warranted to meet your anticipated needs. In no event should this carpet be interpreted as being suitable as an athletic playing surface or in commercial installations. Any other use of this carpet other than what is stated here will not be warranted unless specified in writing by BOA.

Floor Preparation and Site Conditions

All sub floors should be structurally sound, clean, dry, smooth, and properly cured and primed where needed. Outdoor sub floors are not always level; however, adequate drainage must be provided. Suitable sub floors include wood, concrete, asphalt, metal, terrazzo, ceramic, and marble. Temperature during installation should be no less than 65 degrees Fahrenheit, nor greater than 95 degrees Fahrenheit. Carpet should never be installed over wood floors that have been adhered directly to concrete. Moisture problems here can cause wood floors to swell, buckle, and eventually rot.

General

Specially formulated outdoor, water resistant floorcovering adhesives are required. Suitable adhesives will either be solvent-based, water based, or acrylic/urethane based, depending on carpet type and application. Carpet with woven backing and Unitary backing should be installed direct-glue down using a 1/8" x 1/8" x 1/8" (width, depth, and space) "U" or "V" notched trowel with an adhesive spread rate of 6-10 square yards per gallon. Rough and porous sub floor surfaces often require deeper notched trowels than the recommendations listed here. Traffic should be restricted for a minimum of 24 hours after installation to allow for adequate cure time of the adhesive. All exposed carpet edges and trimmed edges to be seamed (excluding needlepunch) should be sealed with a continuous bead of solvent-based seam sealer.

Carpet Layout and Conditioning

Carpet should be unrolled and pre-cut 3-4 inches longer than the actual site measurement, including rough cuts necessary to account for floor obstructions. Carpet should then be allowed a minimum of one (1) hour to relax and acclimate prior to installation.

Installation

If more than one breadth of carpet is required the seam location should be placed at or as near to the center of the installation and this position should be marked on the sub floor with a chalk line. Carpet edges should be trimmed and fit together so they will seam

here. The edge of the second breadth should initially be placed so that it overlaps the first carpet edge by approximately 1/8 inch. Match the pattern if one exists.

To install this carpet carefully fold back one foot from both carpet edges and apply the recommended adhesive to the sub floor using the recommended trowel notch and spread rate. After obtaining proper adhesive tack time, place the folded back first carpet into the adhesive and smooth out any wrinkles or buckles. Local conditions can cause variations in adhesive tack time. Check the adhesive every five minutes. Over dry adhesives will not properly transfer. If the carpet is placed into the adhesive while it is too wet some adhesive bleed through to the face of the carpet can occur, especially with needlepunch. Seal this carpet edge with a continuous bead of recommended seam sealer and then carefully insert the second edge into the still tacky seam sealed first edge. Join these two edges tightly, being sure not to shift the carpet. Shifting the carpet can disturb the even transfer of the floor adhesive. Press the carpet down into the adhesive.

Next, roll up both carpets toward the now completed seam. Apply a continuous spread of the adhesive the approximate width of the trowel down the entire length of the carpet and, after proper adhesive tack time, place this portion of the carpet into the adhesive spread. Continue installing the carpet in this manner, working from the seam toward the outer edge of the carpet. Remove any buckles with a natural fiber push broom. Repeat these same procedures with the second adjoining carpet. Use a carpet roller within one hour after each carpet is installed to assure for adequate transfer and grab of the adhesive. A roller not exceeding 50 lb. is recommended for tufted carpet with Woven Polypropylene backing and Unitary Back, and a roller that does not exceed 20 lb. for Marine Back. A carpet core can be used to roll needlepunch.

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