

INDOOR/OUTDOOR INSTALLATION GUIDELINES FOR POLYURETHANE FELT-BACKED WOVEN VINYL

Approved Wall-to-Wall Indoor Installation Method: Direct Glue Down Requirements and Preparation:

ACCEPTABLE SURFACES

- Fully-cured concrete
- Over In-floor heating that does not have gypsum based topping, leveling or patching compound
- Subfloor temperature should not be less than 65 degrees 24 hours before, during, or after installation
- Wood underlayment such as APA Underlayment grade plywood (minimum 1/4" thickness) is the preferred underlayment
- Exterior grade plywood (Group 1 CC type)
- Vinyl composition tile (limited to one layer) and stripped of any waxes, and fully bonded
- Properly leveled embossed sheet goods that are securely bonded and fully adhered
- Cement terrazzo or ceramic tile that has been leveled and the surface properly prepared such as lightly sanded and de-glossed
- Bared steel, aluminum
- Non-porous surfaces

PLEASE NOTE: *If using outdoors, we recommend that it be in rug form only. This product is UV stabilized but may fade or change colors in certain regions of the country or certain climates. There is no warranty against fading or color loss.*

NON-ACCEPTABLE SURFACES

- Presswood
- Any types of preservatives
- Any types of treated plywoods
- Chipboard, flake board, particleboard
- Gypsum-based toppings, leveling and patching compounds
- Concrete containing **fly ash**

BEFORE YOU START

Acclimation

Bring woven vinyl carpet and adhesive into the work space 24 hours before installation. Unroll carpet, allowing product to relax.

Temperature & Humidity

HVAC must be in service. Maintain temperature between 65 and 95 degrees and maximum relative humidity 65%. Maintain these conditions before installation, during and 72 hours after installation.

Subfloor Conditions

Subfloor must be dry, level and free from dirt, grease, oil, paint, sealer, old adhesive and other residues. Uneven surfaces should be sanded smooth or filled until the surface is completely flat.

- **Concrete Moisture Content:** new concrete subfloors must be cured. All concrete subfloors, regardless of age, must be tested for excessive moisture content within the slab. MVER should not exceed 5 lb per 1,000 square feet in 24 hours. Relative Humidity Testing should not exceed 75% relative humidity at any given time.
- **Concrete Alkalinity Content:** test all concrete new and old, for excessive alkalinity. If pH exceeds 9, notify contractor for corrective measures.

SEAMING

Seaming Diagram

Run seams lengthwise, run major seams parallel to, not across traffic paths. Plan major Seams so that natural or artificial light does not shine directly across them. Avoid seams at major pivot points. Avoid seams which intersect perpendicular to doorways and entrances.

Cutting and Seaming

Allow trimming approximately 1"-1.5" of actual face material. Do not use factory edge for seams, trim in sufficient amount for good seam bond. Patterns may require additional trimming to allow for pattern match.

ADHESIVES

Indoor Adhesive

BioCel polyurethane carpet backings are compatible with standard premium multi-purpose carpet adhesives and seam adhesives. We recommend premium grade multi-purpose adhesives such as, Mapei Eco-360, Henry's 356, Roberts 3000, AAT 280 or Parabond 4099.

Outdoor Adhesive

These products are highly 'water resistant' but are not considered 'waterproof'. When using for outdoor areas we recommend the use of Outdoor Adhesives Mapei Ultrabond Eco-420, Henry's 663, Roberts 6700, Parabond M-2850 or AAT 390. For seam sealing Outdoors, we recommend Taylor 775. It is a solvent based sealer for outdoor carpeting.

INSTALLATION

Adhesive: Spread the adhesive using the proper trowel. Recommended trowel sizes are guidelines only. Lift a newly laid area occasionally to make sure adhesive is transferring fully to the back.

- With BioCel Polyurethane, use a 3/32" x 3/32" x 3/32" V notch trowel.
 - Approximate Coverage per Gallon: 12-13 Yd².
1. Allow sufficient open or flashtime to sustain proper transfer.
 2. **Trimming:** Carpet edges at seams must be trimmed far enough into the material to maintain the structural integrity of the carpet and to join edges without gaps or overlays. Never cut carpet directly on top of carpet without use of a board. 'Top cuts' can occur easily on flat woven carpets.
 3. **Sealing Edges:** Carpet with BioCel polyurethane carpet backings require seam sealing for edge-ravel and to prevent delamination. Use an applicator/squeeze bottle with an adjustable nozzle or a hot glue gun and apply a 1/8" bead of seam adhesive to the edge of the first length seam. Exercise care to prevent adhesive from getting on the carpet face. Seam adhesive will transfer to the adjoining edge.

POST INSTALLATION

1. **Roll:** roll entire installation with a 75 lb. carpet roller.
2. **Trim:** trim perimeters with a wall trimmer or carpet knife to trim along wall edge
3. **Transition Strips:** use transition strips to prevent edge raveling at transition borders (required).

Curran and sisalcarpet.com expect all installers handling our materials to be familiar with the CRI-104, minimum guidelines for installing commercial carpeting. We also recommend 'Certified' installers with knowledge and experience with flat weave flooring. If you have any questions, please feel free to contact us.