

SECTION 09 68 13
CARPET TILE

PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes: Preparation of surfaces to receive carpet, broadloom carpet and accessories on new floor surfaces, and accessories.

1.02 RELATED ITEMS SPECIFIED ELSEWHERE

- A. Tile, Section 09 30 00
- B. Resilient Tile Flooring, Section 09 65 00
- C. Resilient Base & Accessories, Section 09 65 13
- D. Access Flooring, Section 09 69 00

1.03 PREINSTALLATION MEETINGS

- A. A Preinstallation conference shall be held at the Project site prior to starting installation.

1.04 SUBMITTALS

- A. Manufacturer's Literature: Materials description and installation and maintenance instructions.
- B. Manufacturers Certification: Show compliance to required codes and traffic ratings for the intended application.
- C. Samples: Minimum, 18" x 24" samples or one tile of entire color line for proposed carpet. Samples shall be of material proposed for use.
- D. Maintenance Instructions and procedures, recommended maintenance materials, and suggested schedule for cleaning. List materials, substances, and other items which will affect finishes and performance.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials to the project site in manufacturer's unopened packaging, clearly indicating manufacturer's name, brand, type, style, size, color, texture and other identifying information.
- B. Store materials in a dry location off the ground and in a manner to prevent damage, deterioration, and intrusion of foreign matter. Replace materials that have been damaged or are otherwise unsuitable.

1.06 WARRANTY

- A. Special Warranty for Carpet Tiles: Manufacturer agrees to repair or replace components of carpet tile installation that fail in materials or workmanship within specified warranty period.
 - 1. Warranty does not include deterioration or failure of carpet tile due to unusual traffic, failure of substrate, vandalism, or abuse.
 - 2. Failures include, but are not limited to, more than 10 percent edge raveling, snags, runs, dimensional stability, excess static discharge, loss of tuft bind strength, loss of face fiber, and

delamination.

3. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Carpet Tile: Products: Subject to compliance with requirements, provide Mannington Commercial, Good Form 2 Collection, 24" x 24", solution dyed nylon with stain protection. No Substitutions.
- B. Installation Accessories:
 1. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet tile manufacturer.
 2. Adhesives: Water-resistant, mildew-resistant, nonstaining, pressure-sensitive type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet tile and is recommended by carpet tile manufacturer for releasable installation.
 - a. Adhesives shall have a VOC content of 50 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
 3. At ACCESS FLOORING install carpet tiles using Mannington's frelock Tabs system or equal.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Spaces to receive carpet materials shall be at a minimum temperature of 70° F. This temperature shall be maintained during the installation of the carpeting and for not less than 48 hours.
- B. Moisture and pH: The maximum allowable amount of moisture emission from the floor is 3.0 pounds per 1,000 square feet in a 24-hour period. The acceptable pH range is 7.0 to 9.0.
- C. Spaces in which carpeting is being installed shall be closed to traffic or other work.
- D. Clean the concrete slab of all excess concrete spots, solid debris or paint spots using suitable scraping methods. Completely remove all wax, dirt, grease, paints or old adhesives (especially cutback or emulsion). Do not use solvents to clean the floor. Do not use an oil-based sweeping compound.
- E. At access flooring, coordinate with installer of flooring system. Verify the surface of all panels are clean and ready for installation.
- F. Before installing carpeting on concrete slab, fill all cracks and holes and level depressions with underlayment compound. Surface shall not vary more than $\pm 1/8$ " in 10' in any dimension.
- G. Comply with CRI 104, Section 6.2, "site conditions; Floor Preparation," and with carpet tile manufacturer's written instructions for preparing substrates to receive carpet tiles.
- G. Application or installation of materials constitutes acceptance of the substrates.

3.02 INSTALLATION

- A. Install carpeting in accordance with the manufacturer's recommendations, and CRI 104, section 14, "Carpet Modules".

- B. Floor Priming: All porous, gritty, chalky and dusty surfaces should be primed using a product approved by the carpet manufacturer. All patched areas must be fully primed. Surfaces that are nonporous do not require primer. These surfaces must be cleaned as noted above. Primer can be applied using a paint roller. Allow the primer to dry completely.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.
- D. Preparation: Comply with CRI 104, Section 6.2, "Site Conditions; Floor Preparation," and with carpet tile manufacturer's written installation instructions for preparing substrates indicated to receive carpet tile installation.
- E. Installation Method: As recommended in writing by carpet tile manufacturer.
- F. Maintain dye lot integrity. Do not mix dye lots in same area.
- G. Cut and fit carpet tile to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet tile manufacturer.
- H. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- I. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use nonpermanent, nonstaining marking device.
- J. Install in vertical ashlar pattern.

3.03 CLEANING

- A. Upon completion of the installation, remove all waste materials, tools and equipment.
- B. Remove yarns that protrude from the carpet tile surface.
- C. Thoroughly vacuum the entire floor surface, using commercial machine with face-beater element, to the Architect satisfaction.
- D. Remove spots and replace carpet where spots cannot be removed.
- E. Provide protection methods and materials needed to ensure that carpeting will be without deterioration or damage at time of substantial completion. Comply with CRI 104, Section 16, "Protecting Indoor Installations".

END OF SECTION