

SECTION 09680

CARPETING

1 PART 1 GENERAL

1.1 DESCRIPTION

- A. Work included: Provide and install carpeting and carpet accessories where shown on the drawings, as specified herein, and as needed for a complete and proper glue-down installation.
- B. Related work:
 - 1. Documents affecting work of this section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Division 1 of these specifications.
 - 2. Coordination - The carpet installer shall coordinate his work with that of other trades affecting, or affected by, his work, cooperating as necessary with other trades to assure the steady progress of all work under the new contract.

1.2 QUALITY ASSURANCE

- A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this section.

1.3 PRODUCT DATA

- A. Product Data: Within 20 calendar days after the contractor has received the Owner's Notice to Proceed, submit:
 - 1. Materials list of items proposed to be provided under this section.
 - 2. Manufacturer's specifications and other data needed to prove compliance with the specified requirements
 - 3. Manufacturer's recommended installation procedures which, when approved by the architect, will become the basis for accepting or rejecting actual installation procedures used on the Work.

1.4 PRODUCT HANDLING

- A. Comply with Basic Requirements – 01001.

2 PART 2 PRODUCTS

2.1 CARPET

- A. Acceptable Manufacturer's
 - 1. Bigelow
 - 2. Shaw
 - 3. Patcraft
 - 4. J&J Industries
 - 5. Milliken
 - 6. Lees
 - 7. Mohawk

- B. Carpet 1: 28 oz., Tufted, Textured Loop: Alternative products shall be equal to Bigelow "Aero" and shall meet the following specifications.
 - 1. Roll Width: 12 Feet
 - 2. Color: As selected from manufacturers complete color line.
 - 3. Fiber Type: Chromell Nylon
 - 4. Dye Method: Solution/Space Dyed
 - 5. Gauge: 1/10 inch
 - 6. Stitches per inch: 10.2
 - 7. Pile Height Tufted: High -.188 inch, Low -.125 inch
 - 8. Pile Thickness: .135
 - 9. Primary Backing: Woven Polypropylene
 - 10. Secondary Backing: Weld-Lok Plus system
 - 11. Electrostatic Propensity: Less than 3.5kv
 - 12. Flame Resistance: Must pass DOC FF-1-70
 - 13. Flooring Radiant Panel: Class 1(ASTM E-648)
 - 14. Smoke Density: <450 (ASTM E-662)

2.2 OTHER MATERIALS

- A. Adhesives: Provide adhesive recommended by carpet manufacturer for proposed carpet.

- B. Provide other materials, not specifically described but required for a complete and proper installation, as selected by the contractor subject to the approval of the architect.

3 PART 3 EXECUTION

3.1 SURFACE CONDITIONS

- A. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the Work. Do not proceed until unsatisfactory conditions are corrected.

3.2 SURFACE PREPARATION

- A. Prior to laying materials, broom clean or vacuum the surfaces to be covered and inspect the sub-floor.

- B. Immediately prior to installation of the work of this Section, thoroughly clean substrata and remove oil, grease, paint, varnish, hardeners, and other items which would

adversely affect the bond of adhesive.

- C. Make substrata level and free from irregularities. Assure one constant floor height after carpet is installed, filling low spots and grinding high spots as required.

3.3 INSTALLATION

A. General:

1. Install materials only after finishing operations, including painting, have been completed and after permanent heating system is operating.
2. Verify that moisture content of concrete slabs, building air temperature, and relative humidity are within the limits recommended by the manufacturers of the materials used.
3. Maintain reference markers, holes, and openings that are in place or plainly marked for future cutting by repeating on the finish surface as marked in the sub-floor. Use chalk or other non-permanent marking device.
4. Glue directly to the floor, using no pads and no foam.
5. Scribe the carpet accurately to vertical surfaces.
6. Align the lines of carpet, as woven, using no fill strips less than 6" wide, laying all carpet in the same direction unless specifically directed otherwise by the Architect.

B. Seams:

1. Locate seams only where shown on the approved Shop Drawings, or where specifically otherwise approved by the Architect.
2. Locate seams to the maximum extent practicable out of the way of traffic paths.
3. Fabricate seams by the compression method, using a butt joint, and properly bead and seal.
4. Do not stretch seams.

3.4 CLEANING AND PROTECTION

- A. Clean carpet and adjacent surfaces as recommended by manufacturer, avoiding the use of harsh cleaning agents; vacuum to a complete and useable condition.
- B. Provide a heavy non-staining paper or plastic walkway as required over carpeting in direction of traffic, maintaining intact until carpeted space is accepted by the Owner.

3.5 SURPLUS MATERIAL

- A. Allow the Owner to inspect and select from scrap carpet remaining after the installation. Bundle, wrap in burlap, and deliver to the Owner the carpet scraps selected by him.

...END OF SECTION