

**SECTION 09680 - CARPET****PART 1 - GENERAL****A. RELATED DOCUMENTS**

1. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

**B. SUMMARY**

1. This Section includes the provision of carpet and glue-down installation, without pad, throughout the Project where specified.

**C. SUBMITTALS**

1. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.
  - a. Product data for each type of carpet material and installation accessory required. Submit written data on physical characteristics, durability, resistance to fading, and flame resistance characteristics.
  - b. Samples in manufacturer's standard size, showing full range of color, texture, and pattern variations expected. Prepare samples from same material to be used for the Work. Submit the following:
    - (1) 12-inch-square samples of each type of carpet material required.

**D. QUALITY ASSURANCE**

1. ASTM E-648: Class I
2. ASTM E-662: Less than 450
3. Carpet to meet HUD Bulletin UM 44-D, and backstamped thus.

**E. DELIVERY, STORAGE, AND HANDLING**

1. Deliver materials to project site in original factory wrappings and containers, labeled with identification of manufacturer, brand name, and lot number.
2. Store materials in original undamaged packages and containers, inside well-ventilated area protected from weather, moisture, soilage, extreme temperatures, and humidity. Lay flat, blocked off ground. Maintain minimum temperature of 68 deg F (20 deg C) at least three days prior to and during installation in area where materials are stored.

**F. EXTRA MATERIALS**

1. Deliver extra materials to Owner. Furnish extra materials matching products installed as described below, packaged with protective covering for storage and identified with labels describing contents.

**PART 2 - PRODUCTS****A. MANUFACTURERS**

1. Available Carpet Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated in the Work include, but are not limited to, the following:
  - a. Bigelow
  - b. J & J Industries.
  - c. Patcraft.
  - d. Shaw

**B. TYPE:**

1. Typical Carpet

- a. Style: Textured Loop or Level Loop Pile, ADA conforming.
- b. Fiber: Nylon
- c. Protective Treatments: Soil Protection, Antimicrobial Protection
- d. Density: 7000 min.
- e. Stitches per Inch: 9 min.
- f. Production Weight: 28 oz. minimum.
- g. Dye Method: Solution dyed.
- h. Backing: Primary backing shall be high performance synthetic backing system. Secondary backing shall be woven synthetic.
- i. Warranty: Limited 10 year, commercial.
- j. Color – Project will use up to three different carpet colors.
- k. Gauge: 1/8

### C. ACCESSORIES

1. Carpet Edge Guard: Extruded or molded heavy-duty vinyl or rubber of size and profile indicated; minimum 2-inch-wide anchorage flange; manufacturer's standard colors.
2. Seaming Cement: Hot-melt adhesive tape or similar product recommended by carpet manufacturer for taping seams and butting cut edges at backing to form secure seams and to prevent pile loss at seams.
3. Carpet Adhesive: Water resistant, "green", and nonstaining as recommended by carpet manufacturer to comply with flammability requirements for installed carpet.
4. Leveling and Patching Compound: Powdered cementitious filler material with liquid latex additive suitable for trowel application to irregularities, capable of being feathered flush. Material shall meet the performance characteristics of Minwax Company's "Lev-L-astic".

## PART 3 EXECUTION

### A. PREPARATION

1. Patch holes and level to a smooth surface.
2. Apply trowelable leveling and patching compound over cracks, holes and depressions in the substrate to suit carpet manufacturer's recommendations.

### B. INSTALLATION

1. Comply with manufacturer's recommendations for seam locations and direction of carpet; maintain uniformity of carpet direction and lay of pile. At doorways, center seams under door in closed position; do not place seams perpendicular to doorframe, in direction of traffic through doorway.
2. Extend carpet under removable flanges and furnishings and into alcoves and closets of each space.
3. Provide cutouts where required, and bind cut edges where not concealed by protective edge guards or overlapping flanges.
4. Install carpet edge guard where edge of carpet is exposed; anchor to substrate.
5. Install carpet by trimming edges, butting cuts with seaming cement, and taping and/or sewing seams to provide sufficient strength for stretching and continued stresses during life of carpet.
6. Stretch carpet to provide smooth, ripple-free, taut, trim edges; secure to stripping and conceal behind edge of stripping. Use power stretcher where carpet length is greater than 20 feet.
7. Fit sections of carpet prior to application of adhesive. Trim edges and butt cuts with seaming cement.
8. Apply adhesive uniformly to substrate in accordance with instructions. Butt edges tight to form seams without gaps. Roll entire area lightly to eliminate air pockets and ensure uniform bond.

### C. CLEANING

1. Remove adhesive from carpet surface with manufacturer's recommended cleaning agent.
2. Remove and dispose of debris and unusable scraps. Remove soil, replacing carpet where soil cannot be removed. Remove any protruding face yarn.
3. Vacuum carpet with commercial machine with face-beater element

**D. PROTECTION**

1. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and installer, to ensure carpet is not damaged or deteriorated at time of Substantial Completion.

**END OF SECTION 09680**