

SECTION 09680
CARPET

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:

1. Carpet quality assurance.
2. Direct glue-down application.

B. Related Sections:

1. Section 03300 - Cast-in-Place Concrete.
2. Section 09650 - Resilient Flooring.

NOTE: THE DESIGN MUST COORDINATE THE FLOOR TOLERANCE REQUIREMENTS FOR THIS SECTION WITH THAT SPECIFIED IN DIVISION 3.

1.2 REFERENCES:

- A. American National Standards for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People ANSI A117.1.
- B. Uniform Federal Accessibility Standards.
- C. The Carpet and Rug Institute "Standard for Installation of Commercial Textile Floorcovering Materials" (CRI 104).

1.3 SUBMITTALS:

A. Product Data:

1. Include certified laboratory test reports for flammability and static tests.

B. Samples:

1. Submit 18" x 27" samples of each type, color, texture and pattern of carpet required and 6" long samples of carpet edge guard stripping.

C. Shop Drawings:

1. Submit layout drawings showing seam locations, pattern, nap direction, and location and type of edge treatment.

D. Maintenance:

1. Submit instructions for proper maintenance and cleaning.

1.4 QUALITY ASSURANCE:

A. Qualifications:

1. Installer: Firm with not less than 5 years of carpeting experience on projects of similar size and type to work of this section.
2. Manufacturer: Firm (carpet mill) with not less than 5 years of production experience with carpet manufacturing, and whose published product literature clearly indicates general compliance of products with requirements of this section.

1.5 WARRANTY:

- A. Provide special warranty, signed by Contractor, Installer and Manufacturer (Carpet Mill), agreeing to repair or replace defective materials and workmanship of carpeting work during 2-year warranty period following the date of the Notice of Acceptance. Attach copies of product warranties.
- B. Furnish manufacturer's written warranty agreeing to supply replacement carpet if face weight loss in any area exceeds 10% in 10 years.

1.6 MAINTENANCE MATERIAL:

- A. The Owner will review all carpet scraps and retain chosen pieces for future repairs. Selected remnants, usable scraps and overage shall be packaged and identified. The balance shall be removed from the job site.
- B. In addition to remnants and scraps, provide an additional 2% of each type, color, texture and pattern for future use, in full width roll.

PART 2 - PRODUCTS

2.1 CARPET PERFORMANCE:

A. Flammability:

1. ASTM D2859: Passing methenamine pill test.
2. ASTM E648: Minimum critical radiant flux of 0.45 watts per sq. cm.

B. Electrostatic Propensity:

1. Static Generation: 3.0 KV or less, 20% RH at 70 degrees F. per AATCC 134.

UCB STAFF HAS MADE NO SPECIFIC SELECTIONS. ALL CARPET MUST MEET THE SPECIFIED PERFORMANCE CHARACTERISTICS. CONSIDER REDUCING ELECTROSTATIC PROPENSITY REQUIREMENTS AT COMPUTER ROOMS.

C. Tuft Bind:

1. Unitary type backing.
2. Not less than 20 lb. average, ASTM D1335.

D. Pile Height:

1. Conform to UFAS or ANSI A117.1 for maximum height, whichever is stricter; 3/16" minimum.

E. Yarn and Construction Method:

1. 30 oz. per sq. yd. minimum face weight using solution dyed material, cut pile or level loop style.
2. Stitches and Gage: Stitches per inch equal to or greater than gage.

F. Primary and Secondary Backings:

1. Synthetic type.

2.2 ADHESIVE:

- A. Adhesive shall be water-resistant, mildew-resistant, non-staining, non-gassing (low VOC) type as recommended by the manufacturer for products and subfloor conditions indicated and shall be approved by the Owner. Comply with flammability requirements for installed carpet.

PART 3 - EXECUTION

3.1 PREPARATION:

- A. Prior to installation, all minor surface irregularities shall be repaired and the floor shall be thoroughly cleaned with all grit and dirt removed. Start of work constitutes acceptance of floor and responsibility for finished result.

3.2 INSTALLATION:

- A. Comply with CRI 104.
- B. Lay carpet on floors with run of the pile in same direction as traffic flow.
- C. Lay carpet on stairs with run of the pile in opposite direction of traffic to avoid peeking of backing on nosings.
- D. Center seams under doors.
- E. Do not seam in traffic direction at doorways.

END OF SECTION 09680