

SECTION 09 68 00

CARPET

1 PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

1.2 SECTION INCLUDES

- A. Carpet direct-glued.

1.3 SUBMITTALS

- A. Shop Drawings: Indicate seaming plan, method of joining seams, direction of carpet pile and pattern, and location of edge moldings and edge bindings.
- B. Samples: Submit samples of each carpet type for selection of color and pattern.

1.4 EXTRA MATERIALS

- A. Provide 5% of carpeting of each type, color, and pattern specified.

2 PART 2 PRODUCTS – Refer to Interior Finish Legend for schedule of finishes.

2.1 MANUFACTURERS

- A. Manufacturers: Products of one or more manufacturers are specified to establish appearance, construction and performance characteristics. Products of other manufacturers may be accepted subject to compliance with specifications and review by Architect.

- 1. Shaw Contract Group
- 2. Armstrong World Industries Inc.
- 3. Bigelow.
- 4. Lees Carpets
- 5. Patcraft Inc.
- 6. J & J Commercial

2.2 MATERIALS

- A. Carpet A: Textured loop, 28 oz. 100% solution dyed nylon, UM44d certified; Bigelow "College Park", or equal. (For use in apartments, glued down.)

- 1. Yarn: 100% Bulked Continuous Filament Nylon
- 2. Dye Method: Solution Dyed
- 3. Surface Texture: Textured Loop
- 4. Gauge: 1/10

5. Tufted Stitches: minimum of 13.2 per inch
  6. Yarn Weight: minimum of 28.0 oz/SY
  7. Finished Pile Thickness: minimum of .150 inch
  8. Primary Backing: 100% polypropylene
  9. Secondary Backing: Unitary back with 20 lb. tuft lock.
  10. Special Treatment: Soil Protection & Antimicrobial
  11. Width: 12 feet
  12. Flammability: Class 1 (ASTM E-648)
  13. Smoke: Less than 450 (ASTM E-662)
  14. ADA Compliance: Compliant for accessible routes
  15. Warranties: 10 Years
- B. Carpet B: Textured Loop Graphic, 28 oz. 100% solution dyed nylon, UM44d certified; Bigelow "No Boundaries", with bound carpet base, or equal. (For use in common areas, glued down)
1. Yarn: 100% Bulked Continuous Filament Nylon
  2. Dye Method: Solution Dyed
  3. Surface Texture: Textured Loop
  4. Gauge: 1/10
  5. Tufted Stitches: 10 per inch
  6. Yarn Weight: 28 oz/SY
  7. Finished Pile Thickness: minimum of .154 inch
  8. Primary Backing: 100% polypropylene.
  9. Secondary Backing: Unitary back with 20 lb. tuft lock.
  10. Special Treatment: Soil Protection & Antimicrobial
  11. Width: 12 feet (3.66m)
  12. Flammability: Class 1 (ASTM E-648)
  13. Smoke: Less than 450 (ASTM E-662)
  14. ADA Compliance: Compliant for accessible routes
  15. Warranties: 10 Years
- C. Carpet Type C (Mat): Double needle stitched, 100% solution dyed olefin mat; Mats Inc. "Berber" or equal
1. Roll Width: 6 ft
  2. Color: as selected
  3. Pattern: as selected
  4. Dye Method: 100% Solution dyed.
  5. Face Weight: Minimum 50 oz.
  6. Pile Height: 3/16" or greater.
  7. Primary Backing: Synthetic rubber.
  8. Flame/Smoke Rating: <25/<450 in accordance with ASTM E84.
  9. Critical Radiant Flux: Conform to NFPA 253 ASTM E648, 0.45 watts/sq cm.
  10. Surface Flammability Ignition: Conform to ASTM D2859.

## 2.3 ACCESSORIES

- A. Sub-Floor Filler: Type recommended by flooring material manufacturer.
- B. Seam Sealer: At all glue down applications.
- C. Moldings and Edge Strips: Vinyl color as selected by architect.
- D. Adhesives: Compatible with materials being adhered.

- E. Underlayment: 15/32" APA rated Underlayment.

### 3 PART 3 EXECUTION

#### 3.1 EXAMINATION

- A. Verify that floor surfaces are smooth and flat within tolerances specified in Section 03001 and are ready to receive work.
- B. Verify that concrete floors for glue-down installation are ready for carpet installation by testing for moisture emission rate and alkalinity in accordance with manufacturer's instructions. Obtain instructions if test results are not within specified limits.

#### 3.2 PREPARATION

- A. Install underlayment under all carpet except at concrete slab locations.
- B. Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with sub-floor filler as recommended by carpet manufacturer.
- C. Apply, trowel, and float filler to achieve smooth, flat, hard surface. Prohibit traffic until filler is cured.
- D. Clean substrate.

#### 3.3 INSTALLATION

- A. Install carpet in accordance with manufacturer's instructions and Carpet and Rug Institute CRI 104 - Standard for Installation of Commercial Textile Floorcovering Materials.
- B. Verify carpet match before cutting to ensure minimal variation between dye lots.
- C. Lay out carpet and locate seams in accordance with shop drawings:
  - 1. Locate seams in area of least traffic, out of areas of pivoting traffic, and parallel to main traffic.
  - 2. Do not locate seams perpendicular through door openings.
  - 3. Align run of pile in same direction as anticipated traffic and in same direction on adjacent pieces.
  - 4. Locate change of color or pattern between rooms under door centerline.
  - 5. Provide monolithic color, pattern, and texture match within any one area.
- D. Install carpet at typical apartments by direct glue down method. Join seams using hot adhesive tape. Form seams straight, not overlapped or peaked, and free of gaps.
- E. Install carpet at common areas by direct glue-down method.
- F. Complete installation of edge strips, concealing exposed edges.

#### 3.4 CLEANING

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.
- B. Clean and vacuum carpet surfaces.

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