

SECTION 09680 – CARPET

PART 1 GENERAL

GENERAL REQUIREMENTS

The selection of carpet shall consider use, user, durability, serviceability, replacement accessibility, sustainability, and appearance.

Use of carpet in high traffic areas requires approved by Project Manager.

Carpet shall not be used on walls or in elevators.

Carpet tiles shall not be used except at raised access floors; they pull-up with extraction cleaning.

Specify that carpet edges be buttered and sealed to minimize unraveling.

Specify edge conditions; require thresholds.

Carpet which is to be removed for disposal shall be placed in a recycling program.

All new carpet specified must be from a supplier that will take back the carpet at the end of its life and recycle the used product. http://www.ucop.edu/purchserv/psa_db/search.php

Unless specifically requested, do not specify extra material.

SUBMITTALS

Seaming diagrams for review by Project Manager are required.

WARRANTY

Contractor shall provide a 5-year extended written warranty, co-executed by the installing subcontractor, agreeing to repair, replace, reset, or restretch carpeting that fails in installation materials or workmanship within the specified warranty period.

In addition to others available for selected carpet, the following manufacturer product warranties are required:

Against surface pile abrasive wear (fiber loss) in excess of 10 percent for a period of 10 years from the date of installation.

10 years antistatic warranty.

GREEN BUILDING

This section may allow for LEED-CI v2.0 credit in the following categories: MR 1.2, MR 1.3, MR 2.1, MR 2.2, MR 3.1, MR 3.2, MR 4.1, MR 4.2, MR 5.1, MR 5.2, MR 6, EQ 3.1, EQ 3.2, EQ 4.1, EQ 4.3 and ID 1.

PART 2 PRODUCTS

MATERIALS

Adhesives: Provide manufacturer's recommended water-based, mildew-resistant adhesive, produced expressly for use with type of carpet and substrates indicated.

The VOC content of adhesives, sealants and sealant primers must be less than the current VOC content limits of South Coast Air Quality Management District (SCAQMD) Rule 1168
<http://www.aqmd.gov>

and all sealants used as fillers must meet or exceed the requirements of the Bay Area Air Quality Management District Regulation 8, Rule 51. *<http://www.baaqmd.gov>*

Aerosol adhesives must meet the VOC limits of the "Green Seal Environmental Standard for Certification of Commercial Adhesives" (GS-36) of Green Seal, Inc. *<http://www.greenseal.org/>*

All adhesives, sealants and sealant primers must be free of the prohibited chemicals as defined in GS-36. On glue-down installations, latex adhesives should not be used.

Specify acrylic, rather than latex adhesives.

Carpet:

General:

Specify carpets manufactured with fusion-bonded backing, rather than latex-backed carpets.

Environmental Criteria:

All carpet and rugs purchased or used must comply with the California Gold Sustainable Carpet Standard. *<http://www.documents.dgs.ca.gov/green/epp/standards.pdf>*

The use of the higher environmental standard, California Platinum Sustainable Carpet Standard, shall be the discretion of the owner. Flammability: Conform to the following, unless otherwise acceptable to, or required by, the State of California.

DOC FF-1-70 or DOC FF-1-70 (Methanamine Tablet Test): Pass and meet the "Standards for the Surface Flammability of Carpets."

NFPA 258 or ASTM E662 (Smoke Density): Specific Optical Density (DM) of 450 or less (flaming).

ASTM E648 (Floor Radiant Panel Test): 0.22 or higher.

Product Specifications – Typical Locations:

Construction: Tufted, low nap or level loop.

Pattern: Non geometric, non-directional.

Colors and Shades: Medium intensity; not so light as to easily show soiling, or so dark as to show dust and lint. Do not use solid colors.

Face Fiber: 100 percent solution dyed 6,6 nylon.

Face Weight:

Tufted: 28 ounces per square yard, minimum.

Woven: 25 ounces per square yard, minimum.

Effective Gauge: 1/8-inch minimum.

Protective Antisoiling Treatment: Standard of carpet manufacturer.

Static Control: AATCC 134 (Electrostatic Propensity of Carpet). Less than 3.0 kilovolts of static at 70 degrees F and 20 percent humidity. Use carpet that develops less than 2.0 kilovolts of static at computer areas.

Lifetime antimicrobial.

Rapidly Renewable

Certain carpet systems made from rapidly renewable materials (e.g. wool carpet) shall be investigated as an environmentally friendly alternative.

PART 3 EXECUTION

INSTALLATION

Carpet and adhesive shall be applied in accordance with manufacturer's instructions and requirements of CRI 104.

Prior to carpet installation, Contractor shall verify that dirt and dust have been removed and that surface to receive carpet is level to standard tolerances.

SITE ENVIRONMENTAL PROCEDURES

Waste Management: As specified in Section 01 74 19 – Construction Waste Management and Disposal and as follows:

Coordinate with manufacturer(s) for take-back program for collection of construction scrap, unused material, demolition scrap, and packaging material.
http://www.ucop.edu/purchserv/psa_db/search.php

Where feasible, separate demolition waste, construction waste, and recycling to further utilize waste reduction programs.

UC BERKELEY CAMPUS DESIGN STANDARDS

END OF 09680