

SECTION 09 68 00
CARPETING
Design Standard

PART 1 GENERAL

1.1 PURPOSE:

San Mateo County Community College District engaged various industry specialists and end-users to establish architectural and furniture finish standards to be applied to capital construction projects. The task force considered various criteria, including aesthetics, durability, maintainability, sustainability, acoustics, and cost (both first cost and life cycle cost). The products selected were carefully evaluated, tested and approved following a rigorous shared governance process. The outcome of this initiative was the identification of a palette of inspirational, timeless and sustainable building and furnishing materials, providing a holistic approach to the campus environment.

This resulting carpet standard should be applied to all new construction, modernization, renovation and replacement projects.

San Mateo County Community College District is strongly committed to promoting sustainability throughout their campus projects. Section 01 81 13 Sustainability of the Design Standard provides guidelines and recommendations for implementing sustainability strategies. Where relevant, specific sustainability criteria is noted in this section; however, each project team should review and cross reference that front section while developing the specific project and its documentation. Each discipline shall conform that specific performance and manufacturer information provided in the specification section is in alignment with code requirements, LEED criteria, and any other goals for sustainability.

PART 2 PRODUCT

2.1 MANUFACTURER

SMCCCD has standardized on the following two (2) carpet manufacturers: Tandus Centiva and Interface Modular Carpet Tile carpet products because of their environmental benefits, sophisticated appearance, and favorable life cycle costs.

2.2 FEATURES

The carpets chosen as SMCCCD's Design Standard support the District's commitment to sustainability while providing quality and an affordable product, illustrated with the following features:

- A. Tandus Centiva carpet products provide the following qualities:
1. Backing is resistant to fluids, making spot cleaning easier and more effective.
 2. The carpet can be applied to the floor using dry adhesives, thereby avoiding the off-gasses associated with traditional wet adhesives.
 3. The carpet's cushion is produced without harmful CFC's or HCFC's. and improves SMCCCD's indoor environmental quality by emitting nearly undetectable VOCs.
 4. Special carbon-core filaments are embedded in the carpet fibers, which provide permanent static control. Static control makes the carpeted environment friendlier for people as well as electronic equipment.

5. Warranted for a non-prorated period of twenty-five years against typical carpet failures, such as excessive wear, excessive static electricity, resiliency, loss of the backing, delamination, edge ravel, and zippering.

B. Interface Modular Carpet Tile:

1. Mission Zero: A promise to eliminate any negative impact the company has on the environment by 2020.
2. TacTiles: A glue-free installation system, adheres carpet tiles to one another to create a "floating" floor for greater flexibility.
3. ReEntry: An efficient means of recycling carpet tile backing and nylon fiber, including type 6 and 6.6 nylon.
4. Cool Carpet: A climate neutral carpet program, zeros out all greenhouse gas (GHG) emissions associated with the entire lifecycle of their carpet tile, thus keeping the planet cooler and reducing their contribution to global warming.
5. Intersept: A powerful preservative, proven to be safe and effective, that protects carpet tile from mold growth and odors so that it lasts longer.
6. I2: Based on the principles of biomimicry, which uses nature as a model to seek sustainable solutions, creates less waste and has a longer life on the floor.
7. ART: A proprietary Appearance Retention Test goes well beyond standard wear testing to effectively simulate years of soiling, wear and routine maintenance.
8. Backing: Each of the four (4) main backing systems-Glasbac, GlasBacRE, Graphlar and Next Step provide unique benefits but all offer superior dimensional stability and carry a standard 15 year warranty against excessive surface wear, edge ravel, backing separation, shrinking and stretching.

2.3 GUIDELINES

- A. In general at SMCCCD, carpeting is not to be used in high-traffic areas, such as building entries, lobbies, corridors, vestibules, most classrooms; nor is it to be installed in science labs, art labs, dining areas, and other spaces where activities would result in premature wear or staining.
- B. Specify 4" topset rubber base in all conditions
 1. Specify in long rolls (100' lengths) to minimize seams thereby lessening the risk of having base torn loose from the walls. Specify good practice installation requirements including:
 2. Minimize joints
 3. No joints in corners
 4. No pieces less than 24". Use full length sections around pilasters and appurtenances.
 5. Score corners
 6. Roll out base during installation
- C. Provide each campus with 10% attic stock per installation.

2.4 PRODUCTS

Each of our colleges has standardized on several Tandus Centiva and Interface carpet products that complement their overall architectural and furniture finish palettes.

- A. Carpet may be specified in one of two (2) formats:
1. Rolled Goods: use 6' or 12' wide rolled carpet as appropriate for the size of the interior space. Specify Powerbond ER3.
 2. Adhesive or non-adhesive backed squares: use 24" x 24" or 20" X 20" carpet tiles for installation over a raised access floor system and areas where there is a high probability of spot staining and spills. Specify backing appropriate to the environment.
- B. The following are the approved carpet products by college:
1. Cañada College:
 - a. Tandus Centiva Applause III 02803/Menagerie 28514
 - b. Tandus Centiva Applause III 02803/Seaweed 28507
 - c. Tandus Centiva Applause III 02803/Mosaic 28502
 - d. Tandus Centiva Trajectory 03913/Tapestry 23512
 - e. Tandus Centiva Aftermath II 03026/Tapestry 23512
 - f. Tandus Centiva Aftermath II 03026/Mosaic 23518
 - g. Tandus Centiva Longitude 04316/13511
 - h. Interface Entropy/Spontaneous 7215
 - i. Interface Entropy/Serendipity 7213
 - j. Interface Sew Straight/Moss 102401
 - k. Interface La Paz Colores/Mesa 101199
 2. College of San Mateo:
 - a. Tandus Centiva Applause III 02803/Menagerie 28514
 - b. Tandus Centiva Applause III 02803/Seaweed 28507
 - c. Tandus Centiva Applause III 02803/Mosaic 28502
 - d. Tandus Centiva Trajectory 03913/Tapestry 23512
 - e. Tandus Centiva Aftermath II 03026/Tapestry 23512
 - f. Tandus Centiva Aftermath II 03026/Mosaic 23518
 - g. Tandus Centiva Longitude 04316/13511
 - h. Interface Entropy/Spontaneous 7215
 - i. Interface Entropy/Topaz 7222

- j. Interface Entropy/Serendipity 7213
- k. Interface Sew Straight/Moss 102401
- l. Interface La Paz Colores/Mesa 101199

3. Skyline College:

- a. Tandus Centiva Applause III 02803/Menagerie 28514
- b. Tandus Centiva Applause III 02803/Seaweed 28507
- c. Tandus Centiva Applause III 02803/Mosaic 28502
- d. Tandus Centiva Trajectory 03913/Tapestry 23512
- e. Tandus Centiva Aftermath II 03026/Tapestry 23512
- f. Tandus Centiva Aftermath II 03026/Mosaic 23518
- g. Tandus Centiva Longitude 04316/13511
- h. Interface Entropy/Spontaneous 7215
- i. Interface Entropy/Topaz 7222
- j. Interface Entropy/Serendipity 7213
- k. Interface Sew Straight/Moss 102401
- l. Interface La Paz Colores/Mesa 101199

C. Wall Base:

- 1. Burke, 4" topset rubber base, Style TP, cove base profile (aka toe), color: Black Brown 523.
- 2. Specify in long rolls (100' lengths) to minimize seams thereby lessening the risk of having base torn loose from the walls. Specify good practice installation requirements including:
- 3. Minimize joints
- 4. No joints in corners
- 5. No pieces less than 24". Use full length sections around pilasters and appurtenances.
- 6. Score corners
- 7. Roll out base during installation

2.5 APPROVED MANUFACTURERS:

- A. Tandus Centiva
- B. Interface
- C. Burke

PART 3 EXECUTION**3.1 SUBSTITUTION ALLOWED?**

No substitutes allowed.

Pursuant to Section 3400 of the Public Contract: Tandus Centive and Interface carpets and Burke wall base are now in use on the particular public improvement described as San Mateo County Community College District. At each instance in these specifications that a designated material, product, thing or service is designated by the brand name "Tandus Centiva", "Interface", or "Burke", Tandus Centiva, Interface and Burke are designated to support the existing carpeting system that is in place at Skyline College, College of San Mateo, Cañada College and the District Administration Building. The Contractor will furnish and apply only Tandus Centiva and Interface carpets and Burke wall base as required, and no substitutions shall be deemed to be "or equal" or allowed.

3.2 ASSOCIATED DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS:

N/A

END OF SECTION