



Design Standard Carpet & Floor Mats

Purpose:

This design standard has the purpose of creating a consistent installation of carpet and walk-off floor mats throughout the South San Francisco Unified School District thereby achieving a standard of aesthetic quality, maintenance and performance throughout all renovation and new building projects.

Design Standard:

Carpet

Carpet should not be included in any designs for classroom areas. Carpet can be used in administrative areas, libraries and other areas as approved by District. Carpet is to be in tile form, not broadloom.

- Carpet must have a minimum 15 year warranty.
- Use only no/low volatile organic compound emission products. Use only carpet tile and adhesives that meet the Collaborative for High Performance Schools (CHPS) guidelines for low-emitting materials and/or Carpet and Rug Institute (CRI) Green Label Plus qualified products.
- Face: Tufted, textured loop
- Backing: Closed cell vinyl cushion
- Check for alkalinity and moisture of concrete slabs. A pH range of 5 to 9 is generally satisfactory. A moisture emission rate of 3 lbs./1000 sq. ft. per 24 hours or less for direct glue-down carpets is generally acceptable. Consult the carpet manufacturer to determine acceptable moisture emission rates and adhesives that will be compatible with sealers (if they are used).
- Install carpeting during school break to provide time when building is vacant for VOC's to be ventilated out of building. Allow 14 days.
- Qualified Installers are required. Carpets shall be installed in strict accordance with the CRI's "Guidelines for Maintaining Indoor Air Quality During Carpet



South San Francisco Unified School District



Section 09 68 13

Version 1, 2011.9.30

Installation", which is incorporated into the CRI's "Standard for Installation Specification of Commercial Carpet", CRI-104/2002. Specifically:

- o Carpeting should be unrolled (if rolled) and pre-aired in a well ventilated area for no less than 24 hours prior to installation,
 - o Areas where carpet is being installed are to be ventilated with fresh (outdoor) air during the installation.
- Fresh air ventilation as well as the opening of available doors and windows should continue following installation; following the CHPS and CRI Green Label Plus testing protocols fresh air ventilation should be continued for 14 days. (NOTE: CRI guidelines state that carpets should be unrolled and pre-aired "if possible"; for SSFUSD applications this is mandatory.
- Installation: consider self adhesive glue-down or Interface/ Flor "TacTile" glueless system so that tiles can installed by District maintenance staff in the future.
- Acceptable Products:
 - o InterfaceFLOR
 - o Shaw Carpet
 - o Collins and Aikman/ Tandus Company

Walk-off Floor Mats

Walk-off Floor mats are an important consideration at school entries. These keep floors dry during wet weather and also prevent tracked dirt from entering schools which will abrasively wear floor finishes.

Interior:

- Mats to be Nylon fiber with non-woven synthetic fiber backing. 1/12 gauge.
- Mats should be adhesively installed to floor.
- Acceptable Products:
 - o Tandus Flooring "abrasive action 02578."
 - o Forbo Flooring "Coral Brush Activ."
 - o Approved equal.

Exterior:

- Provide recessed exterior mats at new schools or major renovations.
- Specify aluminum scraper bars with plain un-buffed wiper strip. 12mm thick, closed construction.



South San Francisco Unified School District



Section 09 68 13

Version 1, 2011.9.30

- Provide Aluminum recessed frame.
- Acceptable Products:
 - o Forbo Flooring “Nuway Tuftiguard”
 - o Approved equal.

Substitutions allowed?

- o Approved equal, if performance and quality equivalency can be evidenced.

Associated Design Standards

- o N/A

End of Document