



Design Standard Toilet Compartments

Purpose:

This design standard has the purpose of creating a consistent installation of toilet compartments 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:

Toilet Compartments

General Requirements

- Partitions shall meet NFPA 101 flame spread and smoke developed requirements. Provide backing within walls and ceilings to withstand partition loading, including weight of children climbing on partitions. Destructive testing is recommended at existing walls to confirm wall framing and approach for providing adequate backing. See Division 0 for alterations to existing metal-framed walls.
- Provide 10-year guarantee against breakage, de-lamination, and rusting of partitions and hardware.

Products

- For Elementary Schools: Overhead-braced, Bobrick 1082.67P 'DuraLine Series' Solid Phenolic Toilet Partitions, or approved equal.
- For Middle Schools and High Schools: Overhead-braced, Bobrick 1092.67.P 'Sierra Series' Solid Color Reinforced Composite Toilet Partitions, or approved equal.
- Provide ¾" thick doors and stiles along with ½" side panels and benches.
- Contact: R.E. Edwards Inc., www.bobrick.com
- At high schools with especially high maintenance or vandalism potential, consider steel plate partitions with continuous hinge and latches operable from outside the stall. Review conditions with District.



South San Francisco Unified School District



Section 10 21 13

Version 1, 2011.9.30

- Provide toilet partitions only- urinal Screens are not used.

Hardware

- Institutional hardware is required.
- Provide stainless steel saddle leveling plates with lips to seat stile and stainless steel bolt, nut, and washer.
- Use pin-in-head type tamper-proof screws and through-bolts.
- Provide full-length bracket for stiles adjacent to walls.
- Provide overhead braces with sloped and contoured profile that makes them difficult to grip in order to avoid students hanging from partitions.
- Provide barrel-type hinges on compartment doors.
- At accessible stalls provide self-closing out-swing door with pull handles on both faces.

Grab Bars

- 18 gauge, type 304 satin finish stainless steel tubing, 1½" in diameter with concealed mounting flanges.
- Provide adequate wall backing for grab bar anchors and fasteners. Structural strength of grab bars and their mounting devices shall withstand more than 250 pounds of force.

Substitutions allowed?

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

Associated Design Standards

- NFPA 101 flame spread and smoke developed requirements

End of Document