

SECTION 10 11 16  
MARKER BOARD  
Design Standard

PART 1 GENERAL

1.1 PURPOSE

The performance and arrangement of a classroom's primary visual display element, the marker board, are significant issues. The marker board is the focusing element of the classroom itself and upon it, the instructor communicates with the students. The marker boards need to be highly visible, sized appropriately for the classroom size, easily cleanable without ghosting, and be robust enough for long lasting use. Chalkboards are not considered an acceptable substitute to whiteboards.

PART 2 PRODUCT

2.1 GUIDELINE

The District has utilized a variety of manufacturer's products over the course of the Capital Improvement Program. While several brands may offer similar features, the District has selected Platinum Visual Systems' "Writanium" Series porcelain enamel steel marker board as the standard product. Each marker board should be specified with a high gloss surface finish, which has demonstrated adequate resistance to ghosting and a visual clarity.

2.2 PLATINUM VISUAL MARKER BOARD SPECIFICATIONS

- A. "Writanium" Porcelain Steel writing surface with Lifetime Warranty
- B. ½" core with Aluminum backing sheet
- C. Aluminum Frame with ¾" Face
- D. 1" Map Rail with colored cork insert, map hooks and end stops
- E. Full length 2-3/4" Aluminum chalk tray with polished radius ends
- F. Concealed hanger bar mounting system
- G. SCS Certified – Indoor Advantage, Gold
- H. Available to contractors through CollegeBuys program (CFCI)

Reference web site: <http://www.pvsusa.com/nts.html>

2.3 SIZE AND CONFIGURATION

- A. The marker boards shall be installed on the front and side walls of the classroom. Provide adequate side whiteboard space to be revealed after lowering a standard projection screen of 69" x 92". In all classrooms, whiteboard space should be provided adjacent to the lowered screen that can be used when the projection screen is down and in use.
- B. Larger instructional spaces may require longer lengths using multiple white boards. There shall be a joint at the center of the classroom where the projection screen hangs, allowing faculty the opportunity to have white board space on either side of the projection screen. The projector screen size for a classroom size of 60+ people is 87"x116".

- C. Sliding Units, both Horizontal and Vertical, may be specified for projects where explicit requirements are defined and pre-approved by the District prior to specification. Refer all inquiries to the Project Manager for process approval. As a general guideline, the designer shall provide for as much marker board space as the front of the classroom allows. At a minimum, the District would prefer a 32 ft. marker board for classrooms exceeding 60 persons if the front of the classroom dimensions allow. If the dimensions do not accommodate 32 ft., the design should maximize marker board space in the front of the classroom.



White board lengths and location should be determined with Project Manager as part of the design review process. Designers must avoid specifying multiple small marker board units.

## 2.4 DAILY USE, CARE AND MAINTENANCE/CLEANING INSTRUCTIONS

- A. Porcelain marker boards are much like glass and can be maintained in a very similar fashion. They may be cleaned as often as required and will not be damaged as long as the proper cleaning methods are used. General cleaning instructions for Writanium® Markerboard surfaces
1. Wipe board with a clean cloth moistened with Platinum Visual Systems Markerboard Cleaner or other high quality whiteboard cleaner.  
  
Note: Using an inappropriate cleaner may result in poor dry eraseability due to the build-up of residues from the cleaner on the surface.
  2. Rinse with clean, warm water to remove any cleaner residue (a very important step).
  3. Wipe dry with a clean microfiber cloth.
- B. Boards used moderately should be cleaned two to three times a week. Boards used more intensely may require daily cleaning.

## 2.5 REMOVING PERMANENT MARKER

To quickly and easily remove permanent marker, write over the top of the writing with a dry-erase marker. Then, simply erase. In most cases, this will remove the marker. If a deeper cleaning is required:

- A. Moisten a clean, dry cloth with rubbing alcohol.

- B. Wipe the board in a circular motion to loosen marker residue.
- C. Rinse with clean, water and dry with a clean microfiber cloth.
- D. Repeat these steps, as necessary, to remove all residue

## 2.6 ERASERS: GhostDusters

GhostDuster eraser pads are recommended for cleaning the surfaces of ceramic marker boards. The pads are infused with conditioning solution to clean and condition whiteboards in one swipe and prevent ghosting. Specially designed to erase cleanly and without abrasion. Includes 16 disposable eraser sheets. The Project Manager on each project is responsible for purchasing one dozen GhostDusters per classroom and delivering these erasure to the Vice President of Instruction office for distribution.

## 2.7 FEATURES

- A. Manufacturer: ACCO Brands Corporation
- B. Manufacturer Part Number: 920332
- C. Brand Name: Quartet
- D. Product Name: Ghost Duster Dry Erase Board Eraser
- E. Product Type: Dry Erase Marker Board Eraser

## 2.8 APPROVED MANUFACTURERS:

- A. Platinum Visual Systems

## PART 3 EXECUTION

### 3.1 SUBSTITUTES ALLOWED?

- A. No substitute to this device descriptor protocol is allowed.

### 3.2 ASSOCIATED DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS

Space Design Standard

Telecommunications Infrastructure Design Standard

END OF SECTION