

SECTION 10100

CHALKBOARDS, MARKERBOARDS, TACKBOARDS,
DISPLAY CASES, AND BULLETIN BOARD CABINETS

PART 1 GENERAL

1.01 SUBMITTALS

- A. Product Data: Submit copies of manufacturer's technical data and installation instructions for each material and component part.
- B. Shop Drawings: Each type of chalkboard, markerboard, tackboard, and bulletin board cabinet unit, with details of anchors, grounds, reinforcement, accessories, and installation instructions.
- C. Samples:
 - 1. Submit full range of color samples for each type of chalkboard, markerboard, tackboard, bulletin board, cabinet trim, and accessories required.
 - 2. Provide 12 inch square samples of sheet materials and 12 inch lengths of trim members for color verification after selections have been made.

1.02 QUALITY ASSURANCE

- A. Certification: Submit manufacturer's certification that materials furnished for project comply with specified requirements.
- B. Provide chalkboards, markerboards, tackboards, and display rails of a continuous length. Seams are not allowed.
- C. Particle board is not allowed.

1.03 WARRANTY

- A. Manufacturer's standard 50 year warranty.

PART 2 PRODUCTS

2.01 MANUFACTURED UNITS

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A. Chalkboards:

1. Factory framed green vitrified porcelain 24 gage enameled steel surface. Claridge No.19 Clearcite Green or accepted equivalent.
2. 7/16" hardboard core with 0.005" aluminum foil backing.
3. 1 inch high continuous map rail with cork insert, end stops, and with 1 pair of map hooks for each 8 feet of framed board length or fraction thereof.
4. 1 pair of roller brackets for each chalkboard.
5. Enclosed chalktrough with protective end covers.
6. One inch clear satin finish aluminum trim.
7. Manufacturers:
 - a. AKI, Davie, FL: Series One.
 - b. American Chalkboard: Series One.
 - c. Best-Rite, Cameron, TX: Series 32.
 - d. Claridge Products and Equipment, Inc., Harrison, AR: Series 4.
 - e. Greensteel, Inc., Dixonville, PA: Series AC.
 - f. Nelson Adams Company, Corona, CA: Series 100.

B. Dry Markerboards (DMB):

1. Factory framed white vitrified porcelain 24 gage enameled steel surface.
2. 7/16" hardboard core with 0.005" aluminum foil backing.
3. 1 inch high continuous map rail with cork insert, end stops, and with 1 pair of map hooks for each 8 feet of framed board length or fraction thereof.
4. 1 pair of roller brackets for each markerboard.
5. Enclosed markertrough with protective end covers.
6. One inch clear satin finish aluminum trim.
7. 12 assorted DMB markers and one felt eraser for each markerboard.
8. Manufacturers:
 - a. AKI: Series One.
 - b. American Chalkboard: Series One.
 - c. Best-Rite: Series 32.
 - d. Claridge: Series 4 - LCS.
 - e. Greensteel: Series AC - Dry marker board.
 - f. Nelson Adams: Series 100.

C. Tackboards:

1. Factory framed self healing, soil resistant, washable

pigmented 1/4" cork on burlap backing over 1/4" hardboard core.

2. Clear satin finish aluminum trim.
3. Cork color by A/E.
4. Manufacturers:
 - a. AKI: Series One.
 - b. American Chalkboard: Series One.
 - c. Best-Rite: Series 32.
 - d. Claridge: Series 4 - 1100 Series.
 - e. Greensteel: Series A - Tac-Text Cork.
 - f. Nelson Adams: Series 100 - NACO Cork.

D. Display Cases:

1. Recessed case with cork back panel.
2. Sliding tempered or laminated glass doors with locks.
3. With fluorescent light.
4. 72 inches wide x 48 inches high.
5. Cork color by A/E.
6. Manufacturers:
 - a. Claridge: 370 Series.
 - b. Accepted equivalent.

E. Bulletin Board Cabinets:

1. Factory framed self healing, soil resistant, washable pigmented 1/4" cork on burlap backing over 1/4" hardboard core.
2. Surface mounted.
3. Sliding tempered or laminated glass doors with locks.
4. Without lights and without head panel.
5. 72 inches wide x 48 inches high.
6. Cork color by A/E.
7. Manufacturers:
 - a. American Chalkboard: Bulletin Boards.
 - b. Best-Rite: Bulletin Board Cabinets.
 - c. Claridge: Imperial Series - Model #298
 - d. Greensteel: Series M.
 - e. Nelson Adams: Series SBC.

F. Horizontal Sliding Units:

1. 4 sliding chalkboard or markerboard panels, with individual components equal to chalkboards or

- markerboards.
- 2. Sliding panels on nylon rollers and two tracks.
- 3. Fixed tackboard back panel.
- 4. Enclosed chalk/markertrough with protective end covers.
- 5. 12 assorted DMB markers and one felt eraser for each markerboard.
- 6. Manufacturers:
 - a. AKI: Standard Eight.
 - b. American Chalkboard: Horizontal Sliding Units.
 - c. Best-Rite: Horizontal Sliding Chalkboards.
 - d. Claridge: Horizontal Sliding Units.
 - e. Greensteel: Series F.
 - f. Nelson-Adams: Series H Horizontal Sliding Units.

2.02 FLAGHOLDERS

- A. Provide 1 flag holder bracket per room.

2.03 MANUFACTURER'S IDENTIFICATION LABEL

- A. Provide manufacturer's approved identification label mounted at lower right hand corner on aluminum trim of each individually framed chalkboard, markerboard, tackboard, bulletin board, and horizontal sliding units.
 - 1. Label shall be minimum 0.040" aluminum, pop riveted (2 rivets) to aluminum trim.
 - 2. Label shall appear on each individually framed chalkboard or tackboard.

PART 3 EXECUTION

3.01 INSPECTION

- A. Do not proceed with the work of this section until conditions detrimental to the proper and timely completion of the work have been corrected in an acceptable manner.

3.02 INSTALLATION

- A. Install boards and aluminum display rail in locations and mounting heights as shown on drawings and according to manufacturer's instructions.
 - 1. Provide grounds, clips, backing materials, anchors,

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- trim, brackets, and accessories for a complete installation.
2. Install chalkboard and tackboard units after finish painting of wall surfaces is completed and paint is thoroughly dry.
 3. Install chalkboard and tackboard units without mastic according to manufacturer's detailed, printed instructions.
 4. At completion of work, clean units free from oil, stains, fingerprints, dirt, dust, and other foreign material.
 - a. Breaking in is not required.

END OF SECTION