

**Part 1 General****1.1 Summary**

1. Unless otherwise indicated, follow the standards below when specifying chalkboard work. These standards are not intended to restrict or replace professional judgment.

**1.2 Design Requirements**

1. Each classroom shall be equipped with chalkboards or whiteboards (dry-erase boards), as determined based on the requirements of the classroom. In some cases, both may be desirable.
2. The bottom edge of writing and display boards shall be installed at no higher than 915mm from finished floor. AV requirements may need to be considered in determining the overall heights of boards. The positions of the boards within the room and vertically on the walls shall be clearly identified and coordinated by the professional.

**Part 2 Products****2.1 Chalkboards**

1. Shall be Lauzonite surface, laminated thickness 13mm, colour black or green, as manufactured by the "Canadian Blackboard Co. Ltd." or approved equivalent.

**2.2 Whiteboards**

1. Shall be Porcelain finish, laminated thickness 13mm, colour white, as manufactured by the "Canadian Blackboard Co. Ltd." or approved equivalent.
2. Porcelain finish whiteboards are also acceptable as projectable/writable surfaces if installed with "short-throw" projectors, and, in some cases, can replace the need for traditional retractable screens. Please note that the surface may be too reflective to be used with other types of projectors. The use of the whiteboard as projectable surface must always be validated with the type of projector to ensure their compatibility.
3. For each whiteboard installed, a kit of markers and erasers appropriate for the surface must be included.

**2.3 Tack Boards**

1. Shall be Natural Cork board or Coloured Cork board, 6mm thick, laminated onto 6mm fibreboard (laminated total thickness 13mm), as manufactured by the "Canadian Blackboard Co. Ltd." or approved equivalent.

**2.4 Frames**

1. Auditoria and Large Classrooms:

- .1 Aluminium frame for single fixed boards: Series 5000, complete with aluminium side trim, map rail, chalk rail and chalk rail end cap, as manufactured by the “Canadian Blackboard Co. Ltd.” or approved equivalent.
- .2 Aluminium frame for multiple boards – vertical sliding panels: Series 900/910, complete with aluminium side trim, map rail, chalk rail and chalk rail end cap, as manufactured by the “Canadian Blackboard Co. Ltd.” or approved equivalent.
- 2. Classrooms and Offices:
  - .1 Aluminium frame for single fixed boards: Series 2000, complete with aluminium side trim, map rail, chalk rail and chalk rail end cap, as manufactured by the “Canadian Blackboard Co. Ltd.” or approved equivalent.
- 3. Historical Applications:
  - .1 Oak wood frame for single fixed boards: Series 85 (38mm) or Series 90 (57mm), complete with full length tray, as manufactured by the “Canadian Blackboard Co. Ltd.” or approved equivalent.

## **2.5 Display Boards Greater than 3660mm in Length:**

- 1. Sections of boards shall be mechanically assembled with a tongue and groove system for structural integrity.
- 2. Surfaces of sections of boards shall be contiguous: joints between sections shall be straight and clean and the gap between sections shall be minimal, in order to obtain continuity in the writing surface.
- 3. Locations of joints in the boards shall be determined based on the specifics of the project, to be specified and coordinated by the professional.
- 4. Frames surrounding writing and display boards shall be continuous; the sections of frames shall be mechanically assembled for structural integrity.

**END OF SECTION**