

PROJECTION SCREENS

GENERAL INFORMATION

- 1.1 Manual projection screens are the standard for most locations where A/V equipment is installed.
- 1.2 Only when specifically requested by CU Facilities, remote-controlled, motor operated, top roller projection screens, flush-recessed in ceiling may be specified.
- 1.3 Work includes all mounting systems, anchorage, and accessories necessary to provide a complete installation.
- 1.4 The following warranties shall be required:
 - a. Projection Screens: Warrant projection screens to be free of defect in materials, workmanship, and performance for two years following acceptance. Deliver two copies of written warranties to the Owner. Both copies shall be signed by the installer and the Contractor.

DESIGN REQUIREMENTS

- 2.1 Manual Projection Screens:
 - a. Assembly: Manufacturer designed, factory assembled, top roller, front projection screens.
 - b. Screens Fabric: Flame retardant, mildew resistant, heavy duty glass fiber fabric. Matte surface with the highest gain consistent with good durability and wide viewing angles in darkened rooms.
 - c. Bottom weight shall be a steel tubular slat with vinyl end caps, properly sized and weighted to eliminate screen bow and hold screen taut.
 - d. Pull bail shall be chrome plated steel, securely attached to bottom weight.
 - e. Roller shaft shall be heavy gage rigid steel tube spring roller; designed and fabricated to support screen without sag, prevent center wrinkling, and assure trouble-free roll-up; supported by anti-friction bearings in case end caps.
 - f. Cases shall be factory finished in white, extruded aluminum back and top with contoured front.

CONSTRUCTION REQUIREMENTS

- 3.1 Mount screen assemblies plumb, level, centered on and square with room centerline.
- 3.2 Manually Operated Screens: Wall mount, using tapping sheet metal screws or toggle bolts into metal framing/anchor plates of gypsum board construction and expansion anchors into masonry/concrete surfaces.
- 3.3 Adjusting, Cleaning, and Protection:
 - a. Correct noncomplying and damaged work. Replace work that cannot be satisfactorily corrected in the field.
 - b. Leave work clean and ready for Owner's use. Protect installations from abuse and damage.

REFERENCE

- 4.1 The applicable CSI Specification Section is 11 52 13.