

ROLLER WINDOW SHADES

GENERAL INFORMATION

- 1.1 All exterior windows shall receive window treatments unless otherwise directed by CU Facilities.
- 1.2 The standard window treatment is a manually operated roller shade. Any deviation from 1) this requirement, 2) approved manufacturers, or 3) building-specific color standards may be requested in writing and submitted prior to the design review meeting with the CUF Project Manager. Subject to specific project conditions alternate window treatment products may be proposed subject to the approval of facilities.

DESIGN REQUIREMENTS

- 2.1 Approved shade manufacturer / product:
 - a. Mecho Systems
 - i. Shade – per building-specific standard
 - ii. Classic Blackout 0700 Series (opaque) – color: white
 - b. Sheerweave
 - i. Shade – per building-specific standard
- 2.2 Building – specific standards
 - a. Mecho EuroVeil Basket Weave 5300 Series, 3% open, Shade Color: 5304 Sand
Sheerweave Style 4400, 3% open, Shade Color: U59 Eco/Alabaster
 - i. Avery
 - ii. Buell
 - iii. Chandler
 - iv. Dodge
 - v. Earl
 - vi. Fayerweather
 - vii. Hamilton
 - viii. Hartley
 - ix. Havemeyer & Extension
 - x. John Jay
 - xi. Pulitzer
 - xii. Kent
 - xiii. Lewisohn
 - xiv. Low Library
 - xv. Mathematics
 - xvi. Philosophy
 - xvii. Schermerhorn & Extension
 - xviii. Wallach
 - b. EuroTwill Reversible Weave 6000 Series, 3% open, Shade Color: 6010 Nickel
 - i. Northwest Corner Building
 - ii. Pupin

- iii. CEPSR
- iv. Mudd
- v. Fairchild

- 2.3 Mounting details – CU buildings are of varying ages and styles, many being historically significant in nature. For historically significant buildings, care has been taken to replace wood frame windows with equivalent facsimiles. Consult CU Exteriors Group for appropriate mounting detail.
- 2.4 The standard roller shade fabric shall be a dimensionally-stable, woven vinyl with appropriate % openness factor. For spaces with significant window openings and certain exposures, the % openness factor is critical to glare control. Discuss recommendations with the Project Manager prior to specifying. Changes to the building standard % openness factor is to be approved by Project Manager.
- 2.5 In spaces requiring darkening (classrooms, seminar rooms, some laboratories, etc.) blackout shades shall be provided either instead of, or in addition to solar shades.
- 2.6 Window treatment products shall comply with all applicable governing codes and regulations. Specifically, shade fabric shall comply with National Fire Protection Association (NFPA) 701 Standards of Fire Tests for Flame-Resistant Textiles and Fabrics. Shade fabrics shall be inherently flame-resistant and shall not require re-treatment over time to maintain flame resistance.
- 2.7 Shades shall be standard products of a manufacturer regularly engaged in producing assemblies of the required kind and quality, with a five-year minimum successful service history. All shades throughout the Project shall be by one manufacturer.
- 2.8 Roller shafts shall be specified to be heavy-gauge rigid aluminum tubes designed and fabricated to support shades without sag, prevent center wrinkling, and assure trouble-free roll-up; supported by anti-friction bearings.
- 2.9 Manual operators shall be continuous nickel-plated ball chain, sized for operation from a convenient position, operating through a clutch mechanism that prevents overdrive, assures smooth raising and lowering, and holds shade in any position without slippage.
- 2.10 Do not specify window treatments for interior windows or doors unless specifically requested to do so, and with the approval of Facilities.
- 2.11 Do not specify residential-grade window treatment products.
- 2.12 Do not specify motor-operated shades except at high or very large windows, and with the approval of Facilities.

- 2.13 Specify jamb and sill guides for blackout shades.

CONSTRUCTION REQUIREMENTS

- 3.1 Manufacturer shall warrant assemblies to be free from defect in materials, workmanship, and performance for three years following acceptance.
- 3.2 Shades shall be installed by a manufacturer-approved and/or franchised, locally-based, installation and service agency capable of rendering complete service and providing rapid response to service calls.
- 3.3 Shades shall be installed and tested at such time as to minimize the potential for damage as a result of ongoing construction activity. Installed shades should be protected as required.
- 3.4 Coordinate fascia's, guides, and other shade system components so they do not interfere with operation of windows or critical mechanical systems and infrastructure.