

SECTION 08 50 00: WINDOWS

1. GENERAL

- A. In residence halls, use single hung windows.
- B. Use aluminum mesh screens and bronze for screen inserts.
- C. Use bulb-type bottom sash. Sill-attached type is not allowed.
- D. Only bottom sash to be operable.
- E. Top sash to be interlocking.
- F. All habitable buildings, residence halls, and rentals to have accessible security grills/screens on the ground level.
- G. In every sleeping quarter and area of congregation, i.e. lounges (not including kitchen or laundry facilities) install at least one break away.

2. WOOD WINDOWS

- A. Catch locks that spring clear of the supper sash are required over traditional cam locks.
- B. In historically significant buildings, replace any rope attached to window weights with brass chains.

3. WEATHERSTRIPPING & SEALS

- A. Manufacturers:
 - 1. Pemko
 - 2. Reese
 - 3. Zero
- B. Selected sealants to be of low toxicity and without odor.

4. STORM SASH

- A. Use aluminum in restorations and on existing buildings only.
- B. Customize to existing or new opening in form and finish.
- C. A mock-up of each type of storm window is required, in sizes and at existing prime window locations indicated, for the purposes of demonstrating compliance with requirements and to serve as standard for judging completed work. Mock-ups may be left in place as part of work if in acceptable condition at project completion.
- D. Provide data sheets for all product characteristics, color selections and finishes, performance criteria, test results, limitations and manufacturer's installation instructions indicating preparation, requirements and techniques.
- E. Provide shop drawings showing elevations of units, full size profiles of window frame members, thicknesses of metal, sizes, types, materials, finishes, and location of operating hardware, mullion details, method and materials for weather-stripping; details of installation, including connection and relationship to other work. Include schedules showing locations of units for each size and type.

- F. Manufacturers:
 - 1. Allied
 - 2. Harvey Industries
 - 3. Kasson & Keller
 - 4. Lockheed
- F. Units to be removable for cleaning and washing.
- G. Use integral screen and storm with multi-track.
- H. All aluminum members to be heavy architectural gauge extruded of 6063-T5 aluminum alloy with a minimum wall thickness of .040" for the master frame, .045" insert frame, .045" stabilizer (tie) bar, and .045" bottom expander.
- I. All slide bolt springs and all assembly screws to be stainless steel; all locking hardware to have concealed springs to keep springs from being removed during operation.
- J. Electrostatically applied, baked-on acrylic enamel prefinish shall be required with Historic District Commission (HDC) color approval where applicable and shall have a minimum guarantee not to chip, crack, peel or blister for a period of ten (10) years.
- K. Cut-out strike receivers shall be installed every 1" – 2".