

## Specifications

**FRAME:** All exterior frame parts shall be clad with premium grade tempered aluminum extrusions, which shall be mitered at the corners and mechanically fastened together with corner locks and stainless steel screws. Fitted to the aluminum extrusions on the inside are wood members produced from select kiln dried, water repellent and preservative treated wood in accordance with WDMA standard IS4. The wood frame members are block mitered, power stapled and sealed at the corners with silicone. The interior surface shall be suitable for either a stained or painted finish. The frame shall be completely assembled with all operating hardware installed. Basic jamb width is 2 7/8". Pre-applied extension jambs are available to accommodate the wall thickness required. Folding nailing fins shall be applied on all four sides of the frame to permit positive anchorage to the building. Installation clips are available to be used in lieu of the nailing fins. Frames may be joined together easily and efficiently in multiple unit groups. Interior wood surfaces are available in pine or optional oak, Honduran or African mahogany, cherry, Douglas fir, walnut, alder or maple.

**SASH:** All exterior sash parts are composed of a one-piece tempered aluminum extrusion which shall be mitered at the corners and mechanically fastened together with corner locks and stainless steel screws. The aluminum shall be joined to water repellent, preservative treated wood in accordance with WDMA standards. It shall be joined by sliding the aluminum onto the wood. The wood shall be mortised and tenoned, glued, mechanically fastened at the corners and sealed with silicone. Available in pine or optional oak, Honduran or African mahogany, cherry, Douglas fir, walnut, alder or maple.

**EXTERIOR FINISH:** An exterior finish in one of EAGLE's 50 standard colors is offered in a thermal setting acrylic film that fully covers the exterior. This finish conforms to AAMA 603.8, 2603, 605.2 and 2604. It is environmentally friendly and effectively shields the finish from the outside elements. Finishes conforming to AAMA 2605 are available as an option. Six anodized finishes are available as well.

**INTERIOR FINISH:** The standard interior finish shall be a factory applied off-white wood primer or an unprimed finish.

**GLAZING:** All sash shall be glazed with 5/8" EAGLE Maximizer Plus® or Sun 145 insulating glass with a 7/16" air space. The insulating glass fabrication shall consist of a dual seal for added longevity and stability. The glass shall be held in place from the interior with wood stops that are mechanically fastened for easy reglazing. The insulating glass is set in a butyl bed to insure the seal between the sash glazing leg and the insulating glass. It is recommended that the glass not be used in altitudes in excess of 5000 feet above sea level. Special high-altitude glass is available for these applications.

**WEATHER-STRIPPING:** All units shall be weather-stripped on the frame and sash for a positive seal. On clad and wood units, the frame and sash shall consist of compression weather-strip.

**HARDWARE:** The unit shall be equipped with a stainless steel gear operator. The hinges are stainless steel and concealed from the exterior. The hinge track and screws are stainless steel. Each unit shall have two concealed sash locks and a crank handle made of high-pressure zinc die cast. The hardware has a phosphate coating that is electrostatically finished in either bronze, white, gold, black or an optional plated finish of polished brass, pewter, oil-rubbed bronze, satin chrome, bright chrome or antique brass.

**SCREENS:** Screens shall consist of 18 x 16 charcoal fiberglass screen mesh set in a spring-loaded aluminum frame. The frame shall be bronze, white, gold or optional black in color, and shall be mitered and secured with corner locks for additional strength. Aluminum screen mesh is available as an option. Extruded aluminum, wood veneer-wrapped screens are also available as an option.

**REMOVABLE WOOD GRILLES:** Rectangular lite grilles of unfinished wood are available in 7/8", KD or framed profiles. All wood grilles will be installed in the units unless otherwise specified. Diamond Lite grilles with surround are available as an option.

**SYSTEM 3 INTERIOR BLIND OR SHADE SYSTEMS:** Blinds shall consist of an extruded aluminum head and bottom rail, and 5/8" aluminum slats. Blinds are fastened to an extruded aluminum blind panel. A tilt control knob at the bottom of the blind panel allows convenient operation. Blinds can be raised to the stacked position and held in place with a retainer clip. Blinds are available in White, Almond, Tan or Gold. Aluminum blind panels are offered in white, gold, tan or a pine veneer-wrapped surround.

Shades shall consist of an extruded aluminum head and bottom rail, and 5/8" fabric pleated shades. Shades are fastened to an extruded aluminum blind panel. Shades can be raised to the stacked position and held in place with a retainer clip. Shades are available in Almond, Pearl, Magnolia, Gardenia, Winter White or Vanilla colors. Aluminum shade panels are offered in white, gold, tan or a pine veneer-wrapped surround.

**NOTE:** EAGLE Maximizer Plus® is EAGLE Terminology for Low Emissivity Insulating Glass with Argon Gas filling.