

SECTION 08162

ICU/CCU SLIDING DOORS

PART GENERAL

SECTION INCLUDES

Two-leaf sliding doors, panels, jambs, and hardware.
Standard.
Slim-Line.
With floor track.
Trackless.

Three-leaf sliding doors, panels, jambs, and hardware.
Standard.
Slim-line.
Slim-Line telescopic.
With floor track.
Trackless.

Four-leaf sliding doors, panels, jambs, and hardware.
Standard.
Slim-Line.
With floor track.
Trackless.

Slim-Line telescopic six-leaf sliding doors, panels,
jambs, and hardware.
With floor track.
Trackless.

RELATED SECTIONS

Section 03300 - Cast-in-Place Concrete: Preparation of
concrete to accept recessed floor track.

Section 07900 - Joint Sealers.

Section 08800 - Glass and Glazing.

Section _____ - _____.

REFERENCES

NFPA 101 - Safety to Life from Fire in Buildings and
Structures.

DEFINITIONS

SX Panel: Sliding panel which swings open upon pushing.

SO Panel: Sidelite panel, normally stationary, which will swing open in an emergency.

X Panel: Sliding panel in trackless Slim-Line telescoping doors, unable to swing.

O Panel: Sidelite panel in trackless Slim-Line telescoping doors, unable to swing.

SUBMITTALS

Submit under provisions of Section 01300.

Product Data: Manufacturer's catalog data, detail sheets, and specifications.

Shop Drawings: Prepared specifically for this project; show dimensions of doors, sidelites, details of construction, and interface with other products.

Operating and Maintenance Data: Operating and maintenance instructions, and parts lists.

QUALITY ASSURANCE

Installer Qualifications: Factory-trained, with minimum 3 years experience.

PART PRODUCTS

MANUFACTURERS

Acceptable Manufacturer: Provide products made by Dor-O-Matic, 7350 West Wilson Avenue, Harwood Heights, IL 60656-4786. ASD. Tel: (708) 867-7400 or (800) 543-4635. Fax: (708) 867-0291.

Requests for substitutions will be considered in accordance with provisions of Section 01600.

Substitutions: Not permitted.

Provide all ICU/CCU sliding doors from a single manufacturer.

DOORS AND FRAMES

Doors, Sidelites, Headers, and Trim: Extruded aluminum alloy 6063-T5, nominal 0.125 inch (3.17 mm) wall thickness.

Door and Sidelite Construction: Heavy-duty interlocked sections, through-rod bolted construction; steel corner support at hinge stile of carrier-suspended SX panels to eliminate sag in sliding or breakout mode.

Combination Support Guide: SX panel.

Roller Assembly: SO sidelite panel.

Glass Jacking Screw Assembly: SO sidelite panel.

Electrically ground sliding doors against static electricity.

Door Hanger Brackets: Nylon wheels with hardened steel bearings.

Door Suspension System: SX breakout panels suspended over centerline of door.

Glazing Stops: 5/8 inch (15.87 mm) high.

Pivot Base Plate: Under each SO sidelite panel.

Concealed Floating Pivots: In each panel.

Headers: 6-3/4 inches (170 mm) high, 4 inches (100 mm) wide, with full-width swing-out access cover.

Built-in anti-riser system.

Headers: 2-1/2 inches (63 mm) high, 4-1/2 inches (114 mm) wide.

Built-in anti-riser system.

Headers: 2-1/2 inches (63 mm) high, 4-1/2 inches (114 mm) wide with extruded aluminum stop bar mounted to underside in door opening to prevent SX panel from swinging until slid back to full position.

Built-in anti-riser system.

Headers: 2-1/2 inches high (63 mm), 7 inches (178 mm) wide.

Hardware: Door handles, recessed door pulls, and other hardware required for normal and emergency egress operation per NFPA 101.

Emergency Egress: Non-adjustable magnetic latch on SX panels and emergency breakaway release on SO panels, allowing 90 degree swing of both panels under minimum pressure from any position in SX panel cycle.

Emergency Egress: Spring-loaded stainless steel ball detent latch on SO and SX panels, allowing

90 degree swing of both panels under minimum pressure from any position in SX panel cycle.

Emergency Egress: Flush bolt in SO panel releasable after SX panel is in full open position past aluminum stop bar, allowing 90 degree swing of both panels as a single unit under field-adjustable pressure.

Emergency Egress: Spring-loaded stainless steel ball detent latch on SO and SX panels, allowing 90 degree swing of both panels under minimum pressure from any position in SX panel cycle.

Emergency Egress: Spring-loaded stainless steel ball detent latch on SX panel(s), allowing 90 degree swing of SX panel(s) under minimum pressure from any position in panel cycle.

Finish: Dark bronze anodized.

Finish: Natural aluminum anodized.

Finish: Black anodized.

Finish: Kynar 500(tm) coating; color: _____.

Finish: Clad, _____.

Track: Recessed in floor.

PART EXECUTION

EXAMINATION

Verify that door openings are plumb, square, and ready for installation of ICU/CCU sliding doors.

Verify that concrete is properly prepared to receive recessed floor track.

INSTALLATION

Install ICU/CCU sliding doors, frames, hardware, and accessories in accordance with manufacturer's instructions.

Install floor track in accordance with manufacturer's instructions.

ADJUST AND CLEAN

Adjust doors for proper operation, without binding or scraping and without excessive noise.

END OF SECTION