

Classic-Craft Door System Specifications

DOOR PANELS	<p><u>Faces:</u> 3/32-inch minimum thickness, molded from proprietary thermoset composite, wood-grained to duplicate hand-crafted red oak master, stainable and paintable. Door edges: machinable kiln-dried clear northern red oak, flush and square with door faces, lock edge reinforced with full-length 3-1/2-inch wide engineered lumber core. Door bottom edge: moisture-proof and decay-proof composite. Core: foamed-in-place polyurethane, CFC-free, density 2.0 pcf minimum, K-factor of 0.15 for minimum thermal transmittance. Standard factory sizes may be edge trimmed or end trimmed in shop or field to suit replacement door size requirements.</p>
OPTIONAL FACTORY-GLAZED GLASS OR GLASS INSERTS	<p><u>Factory-glazed (available in sidelites):</u> perimeter moldings flush with skin and made as integral part of skin, molding details match door panel moldings. Glass: minimum 1/8-inch tempered, two thicknesses with sealed airspace between, air-space typically 1/2-inch. Options for leaded decorative glass triple-glazed in airspace between tempered glass faces with solid brass or zinc caming. Etched glass options. Optional removable red oak wood grilles.</p> <p><u>Inserts (lites):</u> perimeter frames in raised-molding patterns, composite frame moldings wood grained to match door faces, with molding patterns complementing raised panel moldings, stainable or paintable, screw-fastened to doors, screw holes concealed with grain-matched plugs in matching material and finish. Glass: minimum 1/8-inch tempered, two thicknesses with sealed airspace between, airspace typically 1/2-inch. Options for leaded decorative glass triple-glazed in air space between tempered glass faces with solid brass caming. Options for etched glass. Optional removable red oak wood grilles.</p>
OPTIONAL DECORATIVE PANELS	<p>Molded from fiberglass-reinforced thermoset composite, wood grained to match door faces, stainable or paintable, fastened with very high bond tape.</p>
GASKETING, WEATHERSTRIPPING	<p><u>Swing-in models:</u> jacketed thermoset closed-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom edge of doors. Corner pads at bottom margin corners from jacketed thermoset closed-cell foam.</p>
HINGES, STRIKES	<p>Steel, zinc-plated, brass finish. Optional solid brass hinges. Screws plated and finished to match hardware. Minimum hinge size 4 x 4 x .098 inches. Strikes are proprietary adjustable type, permitting in-out adjustment of door in frame, up to 3/16 inch.</p>
FRAMES	<p>Milled from 5/4 kiln-dried pine, profiled with 1/2-inch stop, minimum depth 4-9/16 inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available. Optional frames in clear northern red oak or exterior grade red oak wrap over pine with matching brickmould. Optional maintenance-free clad frames and brickmoulds in prefinished white color.</p>
SILL, SWING-IN, SWING OUT, SIDELITE OPTIONS	<p><u>Wide range of sill options:</u> thermally-broken fixed, adjustable with oak threshold, in "monumental" grade with decay proof composite substrate, available bronze and brass finishes, other sills available in swing-in, swing-out, aluminum, brass or bronze anodized finish.</p> <p><u>Double-door models:</u> double door in 6/8 height available with both leaves active and locking astragal available, astragal faces in clear northern red oak to match door.</p> <p><u>Sidelite options:</u> flush-glazed lite models, raised molding models and raised panel models with glass moldings to match door panel moldings, in 12-inch and 14-inch widths. Sidelite systems available with mullions separating doors from sidelites, and continuous sills and frame head, or as separately framed and cased units joined together.</p>
TRANSOM OPTIONS	<p>Transom frames, either rectangular or elliptical, match door frames and have matching exterior brickmould. Transom frames in primed pine or clear northern red oak to match door frame option. Clear insulated glass, etched glass or with decorative leaded glass, detailed with solid brass or zinc caming.</p>

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DOOR PANELS	<p><u>Faces:</u> 1/16-inch minimum thickness, fiberglass-reinforced thermoset composite, wood-grained in natural northern red oak patterns, stainable and paintable. Door edges: machinable kiln-dried pine, primed to match color of faces, lock edge reinforced with engineered lumber core, lockset area reinforced with solid blocking for hardware backup. Door bottom edge: moisture-proof and decay-proof composite. Core: foamed-in-place polyurethane, CFC-free, density 2.0 pcf minimum, K-factor of 0.15 for minimum thermal transmittance. Standard factory sizes may be edge trimmed or end trimmed in shop or field to suit replacement door size requirements.</p>
OPTIONAL FACTORY-GLAZED GLASS OR GLASS INSERTS	<p><u>Factory-glazed:</u> perimeter moldings flush with skin and made as integral part of skin. Glass minimum 1/8-inch tempered, two thicknesses with sealed airspace between airspace typically 3/8-inch. Options for grooved Bevelline, Low-E or grille between glass (GBG). Optional removable wood grilles.</p> <p><u>Inserts (lites):</u> perimeter frames in raised-molding patterns, molded from proprietary composite, wood grained to match door faces, stainable or paintable, screw-fastened to doors, screw holes concealed with grain-matched plugs in matching material and finish. Glass minimum 1/8-inch tempered, two thicknesses with sealed airspace between, airspace typically 3/4-inch. Options for leaded decorative glass triple-glazed in air space between tempered glass faces with solid brass or zinc caming. Options for grooved Bevelline glass or etched glass. Optional removable wood grilles.</p>
OPTIONAL DECORATIVE PANELS	<p>Molded from proprietary composite, wood grained to match door faces, stainable or paintable, screw-fastened to doors, screw holes concealed with grain-matched plugs in matching material and finish.</p>
GASKETING, WEATHERSTRIPPING	<p><u>Swing-in models:</u> jacketed thermoset closed-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom edge of doors. Corner pads at bottom margin corners from jacketed thermoset closed-cell foam.</p> <p><u>Swing-out models:</u> same weatherstrip as swing-in models, bottom gaskets integral with sills.</p>
HINGES, STRIKES	<p>Steel, zinc-plated, brass or chrome finish. Screws plated and finished to match hardware. Minimum hinge size 4 x 4 x .098 inches. Strikes are proprietary adjustable type, permitting in-out adjustment of door in frame, up to 3/16 inch.</p>
FRAMES	<p>Milled from 5/4 kiln-dried pine, profiled with 1/2-inch stop, minimum depth 4-9/16-inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available. Optional maintenance-free clad frames and brickmoulds are prefinished white.</p>
SILLS, SWING-IN, SWING-OUT, PATIO DOOR, SIDELITE OPTIONS	<p><u>Wide range of sill options:</u> thermally-broken fixed, adjustable with oak threshold, swing-in, swing-out, public-access, aluminum, brass or bronze anodized finish.</p> <p><u>Double-door and hinge patio door models:</u> double door in 6/8 height and 8/0 height available with both leaves active and locking astragal available, hinge patio doors in standard 6/8 height, replacement 6/6 height and 8/0 height available, patio models available in two-panel and three-panel options (one door active, others stationary).</p> <p><u>Sidelite options:</u> flush-glazed lite models, raised molding models, and raised panel models with panels flush with doors all available to match doors, in 12-inch and 14-inch widths. Sidelite systems available with mullions separating doors from sidelites, and continuous sills and frame head, or as separately framed and cased units, joined together.</p>
TRANSOM OPTIONS	<p>Transom frames, either rectangular or elliptical, match door frames and have matching exterior brickmould. Clear insulated glass or with decorative leaded glass, leaded brass with solid brass or zinc caming. Optional removable muntins for divided-lite look in rectangular transoms.</p>

Smooth-Star Door System Specifications

DOOR PANELS	<p><u>Faces:</u> 1/16-inch minimum thickness, fiberglass-reinforced thermoset composite, surface lightly textured with 80-grit brushing, accepts most exterior and interior paints. Color: white. Door edges: machinable kiln-dried pine, primed to match color of faces, lock edge reinforced with laminated veneer lumber core, lockset area reinforced with solid blocking for hardware backup. Door bottom edge: moisture-proof and decay-proof composite. Core: foamed-in-place polyurethane, CFC-free, density 2.0 pcf minimum, K-factor of 0.15 for minimum thermal transmittance. Standard factory sizes may be edge trimmed or end trimmed in shop or field to suit replacement door size requirements.</p>
OPTIONAL FACTORY-GLAZED GLASS OR GLASS INSERTS	<p><u>Factory-glazed:</u> perimeter moldings flush with skin and made as integral part of skin. Glass minimum 1/8-inch tempered, two thicknesses with sealed airspace between, airspace typically 3/8-inch. Options for grooved Bevelline, Low-E, or grille between glass (GBG). Optional removable wood grilles.</p> <p><u>Inserts (lites):</u> perimeter frames in raised-molding patterns, frame moldings molded or extruded from proprietary thermoplastic compounds formulated for exterior exposure and weatherability. Certified to withstand high service temperatures resulting from exposure behind storm doors or dark finishes. Frames paintable, screw-fastened to doors, screw holes concealed with grain-matched plugs in matching material and finish. Glass minimum 1/8-inch tempered, two thicknesses with sealed airspace between, airspace typically 1/4-inch. Options for leaded decorative glass, triple-glazed in airspace between tempered glass faces, with solid brass or zinc caming. Etched glass options. Low-E Options. Optional removable wood grilles.</p>
OPTIONAL DECORATIVE PANELS	<p>Molded from fiberglass-reinforced composite, surface lightly textured with 80-grit brushing, accepts most exterior and interior paints, fastened with very high bond tape.</p>
GASKETING, WEATHERSTRIPPING	<p><u>Swing-in models:</u> jacketed thermoset closed-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom edge of doors. Corner pads at bottom margin corners from jacketed thermoset closed-cell foam.</p> <p><u>Swing-out models:</u> same weatherstrip as swing-in models, bottom gaskets integral with sills.</p>
HINGES, STRIKES	<p>Steel, zinc-plated, brass or chrome finish. Screws plated and finished to match hardware. Minimum hinge size 4 x 4 x .098 inches. Strikes are proprietary adjustable type, permitting in-out adjustment of door in frame, up to 3/16 inch.</p>
FRAMES	<p>Milled from 5/4 kiln-dried white pine, profiled with 1/2-inch stop, minimum depth 4-9/16-inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available. Optional maintenance-free clad frames and brickmoulds are prefinished white.</p>
SILL, SWING-IN, SWING OUT, SIDELITE OPTIONS	<p><u>Wide range of sill options:</u> thermally-broken fixed, adjustable with oak threshold, swing-in, swing-out, public-access, aluminum brass or bronze anodized finish.</p> <p><u>Double-door and hinged patio door models:</u> double door ion 6/8 height and 8/0 height available with both leaves active and locking astragal available, hinged patio doors in standard 6/8 height, replacement 6/6 height, and 8/0 height available, patio models available in two-panel and three-panel options (one door active, others stationary).</p> <p><u>Sidelite options:</u> raised molding models, and raised panel models with glass moldings to match doors, in 12-inch and 14-inch widths. Sidelite systems available with mullions separating doors from sidelites, and continuous sills and frame head, or as separately framed and cased units, joined together.</p>
TRANSOM OPTIONS	<p>Transom frames, either rectangular or elliptical, match door frames and have matching exterior brickmould. Clear insulated glass or with decorative leaded glass detailed with solid brass or zinc caming. Optional removable muntins for divided-lite look in rectangular transoms.</p>

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Premium Insulated Steel Door System Specifications

DOOR PANELS	<p><u>Faces:</u> .021-inch (24 gauge) minimum thickness, tension-leveled cold rolled steel, zinc-coated, minimum coating weight 0.11 ounce/sf, conversion-coated to permit paint bond. Door edges: machinable kiln-dried pine, mechanically locked to door faces, four-sided full thermal break provided. Stile edges molded from full 5/4 stock, lock area reinforced with solid blocking in full area of passage and deadbolt locksets. May be prepared for cylindrical or full-mortise locksets. Door bottom edge: moisture-proof and decay-proof composite. Core: foamed-in-place polyurethane, CFC-free, density 2.0 pcf minimum, K-factor of 0.15 for minimum thermal transmittance. All door surfaces factory painted in medium gloss white.</p>
OPTIONAL FACTORY-GLAZED GLASS OR GLASS INSERTS	<p><u>Inserts (lites):</u> perimeter frames in raised-molding patterns, frame moldings molded or extruded from proprietary thermoplastic compounds formulated for exterior exposure and weatherability. Certified to withstand high service temperatures resulting from exposure behind storm doors or dark finishes. Frames paintable, screw-fastened to doors, screw holes concealed with grain-matched plugs in matching material and finish. Glass minimum 1/8-inch tempered, two thicknesses with sealed airspace between, airspace typically 1/4-inch. Options for leaded decorative glass triple-glazed in air space between tempered glass faces, solid brass or zinc caming. Etched glass options. Low-E Options. Optional removable wood grilles.</p>
GASKETING, WEATHERSTRIPPING	<p><u>Swing-in models:</u> magnetic option or jacketed thermoset closed-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom edge of doors. Corner plugs at bottom margin corners from jacketed thermoset closed-cell foam.</p> <p><u>Swing-out models:</u> same weatherstrip as swing-in models, bottom gaskets integral with sills.</p>
HINGES, STRIKES	<p>Steel, zinc-plated, brass or chrome finish. Screws plated and finished to match hardware. Minimum hinge size 4 x 4 x .098 inches. Strikes are proprietary adjustable type, permitting in-out adjustment of door in frame, up to 3/16 inch.</p>
FRAMES	<p>Milled from 5/4 kiln-dried pine, profiled with 1/2-inch stop, minimum depth 4-9/16-inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available. Optional maintenance-free clad frames and brickmoulds are prefinished white.</p>
SILL, SWING-IN, SWING OUT, SIDELITE OPTIONS	<p><u>Wide range of sill options:</u> thermally-broken fixed, adjustable with oak threshold, swing-in, swing-out, public-access, aluminum, brass or bronze anodized finish.</p> <p><u>Double-door and hinge patio door models:</u> double door in 6/8 height and 8/0 height available with both leaves active and locking astragal available, hinge patio doors in standard 6/8 height, replacement 6/6 height, and 8/0 height available, patio models available in two-panel and three-panel options (one door active, others stationary).</p> <p><u>Sidelite options:</u> models available with stamped panels and glass lite options to match doors, in 12-inch and 14-inch widths. Sidelite systems available with mullions separating doors from sidelites, and continuous sills and frame head, or as separately framed and cased units, joined together.</p>
TRANSOM OPTIONS	<p>Transom frames, either rectangular or elliptical, match door frames and have matching exterior brickmould. Clear insulated glass or with decorative leaded glass detailed with solid brass or zinc caming. Optional removable muntins for divided-lite look in rectangular transoms.</p>

Construction Series Steel Door System Specifications

DOOR PANELS	<p><u>Faces:</u> .018-inch (25 gauge) minimum thickness, tension-leveled cold rolled steel, zinc-coated, conversion-coated to permit paint bond. Door edges: machineable kiln-dried pine, mechanically locked to door faces, four-sided full thermal break provided. May be prepared for cylindrical locksets. Door bottom edge: moisture-proof and decay-proof composite. Core: foamed-in-place polyurethane, CFC-free, density 2.0 pcf minimum, K-factor of 0.15 for minimum thermal transmittance. All door surfaces factory primed.</p>
OPTIONAL GLASS INSERT LITES	<p><u>Inserts (lites):</u> perimeter frames in raised-molding patterns, frame moldings molded or extruded from proprietary thermoplastic compounds formulated for exterior exposure and weatherability. Certified to withstand high service temperatures resulting from exposure behind storm doors or dark finishes. Frames paintable, screw-fastened to doors, screw holes concealed with grain-matched plugs in matching material and finish. Glass minimum 1/8-inch tempered, two thicknesses with sealed airspace between, airspace typically 1/4-inch.</p>
GASKETING, WEATHERSTRIPPING	<p><u>Swing-in models:</u> magnetic option or jacketed thermoset closed-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom edge of doors. Corner pads at bottom margin corners from jacketed thermoset closed-cell foam.</p> <p><u>Swing-out models:</u> same weatherstrip as swing-in models, bottom gaskets integral with sills.</p>
HINGES, STRIKES	<p>Steel, zinc-plated, brass or chrome finish. Screws plated and finished to match hardware. Min-imum hinge size 4 x 4 x .098 inches. Strikes are proprietary adjustable type, permitting in-out adjustment of door in frame, up to 3/16 inch.</p>
FRAMES	<p>Milled from 5/4 kiln-dried white pine, profiled with 1/2-inch stop, minimum depth 4-9/16-inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available.</p>
SILL, SWING-IN, SWING-OUT, DOUBLE DOOR OPTIONS	<p><u>Wide range of sill options:</u> thermally-broken fixed, adjustable with oak threshold, swing-in, swing-out, public-access, aluminum or bronze anodized finish.</p> <p><u>Double-door models:</u> two leaf with both leaves active and locking astragal available.</p>

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