

# Classic-Craft Door System Specifications

DOOR PANELS	Faces: 3/32-inch minimum thickness, proprietary fiberglass reinforced thermoset composite, textured to duplicate hand-crafted hardwood master or smooth surface, stainable and paintable. Door edges: machinable kiln-dried hardwood, flush and square with door faces, lock edge reinforced with full-length integrated 3-1/2-inch wide engineered lumber core. Door bottom edge: moisture- and decay-resistant composite. Core: foamed-in-place polyurethane, density 1.9 pcf minimum. Except where certification does not permit, standard factory sizes may be edge trimmed or end trimmed in shop or field to suit replacement door size requirements.
OPTIONAL FACTORY-GLAZED GLASS OR GLASS INSERTS	<p>Factory-glazed: perimeter moldings flush with skin and made as integral part of skin. Glass: minimum 1/8-inch tempered, two panes with sealed airspace between, air-space typically 1/2-inch. Options for leaded decorative glass panel in airspace between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Etched glass options. Optional removable wood grilles. Optional permanent external lite dividers</p> <p>Inserts (lites): perimeter frames in raised-molding patterns, composite frame moldings wood grained or matte black aluminum, with molding patterns complementing raised panel moldings, stainable or paintable, screw-fastened to doors, screw holes concealed with grained plugs in matching material. Glass: minimum 1/8-inch tempered, two panes with sealed airspace between, airspace typically 3/4-inch. Options for leaded decorative glass panel or wrought iron grille in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Wrought iron grille available in matte black only. Etched glass options. Optional removable wood grilles.</p>
OPTIONAL DECORATIVE PANELS	Molded from proprietary fiberglass-reinforced thermoset composite, wood grained to match door faces, stainable or paintable, fastened with very high bond tape.
GASKETING, WEATHERSTRIPPING	Jacketed thermoset open-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom kerf of doors. Corner pads at bottom margin corners from jacketed thermoset open-cell foam.
HINGES, STRIKES, MULTI-POINT LOCKING SYSTEM	Steel, ball-bearing design, with a variety of finishes. Screws plated and finished to match hardware. Standard 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. Multi-point locking system is available in manual shootbolt or tongue versions.
FRAMES	Milled from 5/4 kiln-dried pine, profiled with 1/2-inch stop, standard depth 4-9/16 inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available. Optional frames in exterior grade red oak with matching brickmould. Optional rot resistant jambs.
SILL, SWING-IN, SWING OUT, SIDELITE OPTIONS	<p>Wide range of sill options: fixed threshold, adjustable threshold, and public access available in bronze, mill, satin nickel and brass finishes.</p> <p>Double-door models: double door available with both leaves active and locking astragal available.</p> <p>Sidelite options: flush-glazed or lite insert models, with embossed panel &amp; glass moldings, in 10 inch, 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	Transom frames, either rectangular, elliptical or half round, match door frames and have matching exterior brickmould. Transom frames in primed pine or clear northern red oak to match door frame option. Low-E or etched insulated glass. Options for leaded decorative glass panel in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes.

## Fiber-Classic Door System Specifications

DOOR PANELS	Faces: 1/16-inch minimum thickness, proprietary fiberglass-reinforced thermoset composite, wood-grained in natural hardwood patterns, stainable and paintable. Door edges: machinable kiln-dried pine, primed, lock edge reinforced with engineered lumber core, lockset area reinforced with solid blocking for hardware backup. Door bottom edge: moisture- and decay-resistant composite. Core: foamed-in-place polyurethane, density 1.9 pcf minimum. Except where certification does not permit, standard factory sizes may be end trimmed in shop or field to suit replacement door size requirements.
OPTIONAL FACTORY-GLAZED GLASS OR GLASS INSERTS	<p>Factory-glazed: perimeter moldings flush with skin and made as integral part of skin. Glass minimum 1/8-inch tempered, two panes with sealed airspace between typically 3/8-inch. Options for grooved, etched, Low-E, or grille between glass (GBG). Optional removable wood grilles. Optional permanent external lite dividers.</p> <p>Inserts (lites): perimeter frames in raised-molding patterns, molded from composite, wood-grained in natural hardwood patterns, stainable or paintable, screw-fastened to doors, screw holes concealed with grained plugs in matching material. Tested to withstand high service temperatures resulting from exposure behind storm doors or dark finishes. Glass minimum 1/8-inch tempered, two panes with sealed airspace between, airspace typically 1/4-inch to 3/4-inch. Options for leaded decorative glass panel or wrought iron grille in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Wrought iron grille available in matte black only. Options for grooved, etched, Low-E, grille between glass (GBG), or mini-blinds. Optional removable wood grilles. Optional permanent external lite dividers.</p>
OPTIONAL DECORATIVE PANELS	Molded from composite, wood-grained in natural hardwood patterns, stainable or paintable, screw-fastened to doors, screw holes concealed with grained plugs in matching material.
GASKETING, WEATHERSTRIPPING	Jacketed thermoset open-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom kerf of doors. Corner pads at bottom margin corners from jacketed thermoset open-cell foam.
HINGES, STRIKES, MULTI-POINT LOCKING SYSTEM	Steel, with a variety of finishes. Screws plated and finished to match hardware. Standard 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. Multi-point locking system is available in manual shootbolt or tongue versions.
FRAMES	Milled from 5/4 kiln-dried pine, profiled with 1/2-inch stop, standard depth 4-9/16 inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available. Optional frames in exterior grade red oak with matching brickmould. Optional rot resistant jambs.
SILL, SWING-IN, SWING OUT, SIDELITE OPTIONS	<p>Wide range of sill options: fixed threshold, adjustable threshold, and public access available in bronze, mill, satin nickel and brass finishes.</p> <p>Double-door models: double door available with both leaves active and locking astragal available.</p> <p>Sidelite options: flush-glazed or lite insert models, with embossed panel &amp; glass moldings, in 10 inch, 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	Transom frames, either rectangular, elliptical or half round, match door frames and have matching exterior brickmould. Transom frames in primed pine or clear northern red oak to match door frame option. Clear, Low-E, or etched insulated glass. Options for leaded decorative glass panel or wrought iron grille in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Wrought iron grille available in matte black only.

# Smooth-Star Door System Specifications

DOOR PANELS	<p>Faces: 1/16-inch minimum thickness, proprietary fiberglass-reinforced thermoset composite, surface lightly textured, accepts most exterior and interior paints. Door edges: machinable kiln-dried pine, primed, lock edge reinforced with engineered lumber core, lockset area reinforced with solid blocking for hardware backup. Door bottom edge: moisture- and decay-resistant composite.</p> <p>Core: foamed-in-place polyurethane, density 1.9 pcf minimum. Except where certification does not permit, standard factory sizes may be end trimmed in shop or field to suit replacement door size requirements.</p>
OPTIONAL FACTORY-GLAZED GLASS OR GLASS INSERTS	<p>Factory-glazed: perimeter moldings flush with skin and made as integral part of skin. Glass minimum 1/8-inch tempered, two panes with sealed airspace between typically 3/8-inch to 1/2-inch. Options for grooved, etched, Low-E, or grille between glass (GBG). Optional removable wood grilles. Optional permanent external lite dividers.</p> <p>Inserts (lites): perimeter frames in raised-molding patterns, molded from composite, wood-grained in natural hardwood patterns, paintable, screw-fastened to doors, screw holes concealed with grained plugs in matching material. Tested to withstand high service temperatures resulting from exposure behind storm doors or dark finishes. Glass minimum 1/8-inch tempered, two panes with sealed airspace between, airspace typically 1/4-inch to 3/4-inch. Options for leaded decorative glass panel or wrought iron grille in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Wrought iron grille available in matte black only. Options for grooved, etched, Low-E, grille between glass (GBG), or mini-blinds. Optional removable wood grilles. Optional permanent external lite dividers.</p>
OPTIONAL DECORATIVE PANELS	Molded from proprietary fiberglass-reinforced composite, surface lightly textured, accepts most exterior and interior paints, fastened with very high bond tape.
GASKETING, WEATHERSTRIPPING	Jacketed thermoset open-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom kerf of doors. Corner pads at bottom margin corners from jacketed thermoset open-cell foam.
HINGES, STRIKES, MULTI-POINT LOCKING SYSTEM	Steel, with a variety of finishes. Screws plated and finished to match hardware. Standard 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. Multi-point locking system is available in manual shootbolt or tongue versions.
FRAMES	Milled from 5/4 kiln-dried pine, profiled with 1/2-inch stop, standard depth 4-9/16 inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available. Optional frames in exterior grade red oak with matching brickmould. Optional rot resistant jambs.
SILL, SWING-IN, SWING OUT, SIDELITE OPTIONS	<p>Wide range of sill options: fixed threshold, adjustable threshold, and public access available in bronze, mill, satin nickel and brass finishes.</p> <p>Double-door models: double door available with both leaves active and locking astragal available.</p> <p>Sidelite options: flush-glazed or lite insert models, with embossed panel &amp; glass moldings, in 10 inch, 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	Transom frames, either rectangular, elliptical or half round, match door frames and have matching exterior brickmould. Transom frames in primed pine or clear northern red oak to match door frame option. Clear, Low-E, or etched insulated glass. Options for leaded decorative glass panel or wrought iron grille in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Wrought iron grille available in matte black only.

# Profiles Insulated Steel Door System Specifications

DOOR PANELS	Faces: .021-inch (24 gauge) minimum thickness, tension-leveled cold rolled steel, zinc-coated, conversion-coated to permit paint bond. Door edges: machinable kiln-dried pine or engineered lumber mechanically locked to door faces, four-sided full thermal break provided. 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- and decay-resistant composite. Core: foamed-in-place polyurethane, density 1.9 pcf minimum. Door faces factory primed white.
OPTIONAL FACTORY-GLAZED GLASS OR GLASS INSERTS	Inserts (lites): perimeter frames in raised-molding patterns, molded from composite, wood-grained in natural hardwood patterns, paintable, screw-fastened to doors, screw holes concealed with grained plugs in matching material. Tested to withstand high service temperatures resulting from exposure behind storm doors or dark finishes. Glass minimum 1/8-inch tempered, two panes with sealed airspace between, airspace typically 1/4-inch to 3/4-inch. Options for leaded decorative glass panel or wrought iron grille in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Wrought iron grille available in matte black only. Options for grooved, etched, Low-E, grille between glass (GBG), or mini-blinds. Optional removable wood grilles. Optional permanent external lite dividers.
GASKETING, WEATHERSTRIPPING	Jacketed thermoset open-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom kerf of doors. Corner pads at bottom margin corners from jacketed thermoset open-cell foam.
HINGES, STRIKES, MULTI-POINT LOCKING SYSTEM	Steel, with a variety of finishes. Screws plated and finished to match hardware. Standard 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. Multi-point locking system is available in manual shootbolt or tongue versions.
FRAMES	Milled from 5/4 kiln-dried pine, profiled with 1/2-inch stop, standard depth 4-9/16 inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available. Optional frames in exterior grade red oak with matching brickmould. Optional rot resistant jambs.
SILL, SWING-IN, SWING OUT, SIDELITE OPTIONS	Wide range of sill options: fixed threshold, adjustable threshold, and public access available in bronze, mill, satin nickel and brass finishes.  Double-door models: double door available with both leaves active and locking astragal available.  Sidelite options: flush-glazed or lite insert models, with embossed panel & glass moldings, in 10 inch, 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.
TRANSOM OPTIONS	Transom frames, either rectangular, elliptical or half round, match door frames and have matching exterior brickmould. Transom frames in primed pine or clear northern red oak to match door frame option. Clear, Low-E, or etched insulated glass. Options for leaded decorative glass panel or wrought iron grille in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Wrought iron grille available in matte black only.

# Traditions Series Steel Door System Specifications

DOOR PANELS	Faces: .018-inch (25 gauge) minimum thickness, tension-leveled cold rolled steel, zinc-coated, conversion-coated to permit paint bond. Door edges: machinable kiln-dried pine or engineered lumber mechanically locked to door faces, four-sided full thermal break provided. Lock area reinforced with solid blocking in area of passage and deadbolt locksets. May be prepared for cylindrical or full-mortise locksets. Door bottom edge: moisture- and decay-resistant composite. Core: foamed-in-place polyurethane, density 1.9 pcf minimum. Door faces factory primed white.
OPTIONAL FACTORY-GLAZED GLASS OR GLASS INSERTS	Inserts (lites): perimeter frames in raised-molding patterns, molded from composite, wood-grained in natural hardwood patterns, paintable, screw-fastened to doors, screw holes concealed with grained plugs in matching material. Tested to withstand high service temperatures resulting from exposure behind storm doors or dark finishes. Glass minimum 1/8-inch tempered, two panes with sealed airspace between, airspace typically 1/4-inch to 3/4-inch. Options for leaded decorative glass panel or wrought iron grille in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Wrought iron grille available in matte black only. Options for grooved, etched, Low-E, grille between glass (GBG), or mini-blinds. Optional removable wood grilles. Optional permanent external lite dividers.
GASKETING, WEATHERSTRIPPING	Jacketed thermoset open-cell foam, press-fit in kerfs at jamb stops in frames. Extruded thermoplastic elastomer, finned and chambered design, press-fit into bottom kerf of doors. Corner pads at bottom margin corners from jacketed thermoset open-cell foam.
HINGES, STRIKES, MULTI-POINT LOCKING SYSTEM	Steel, with a variety of finishes. Screws plated and finished to match hardware. Standard 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. Multi-point locking system is available in manual shootbolt or tongue versions.
FRAMES	Milled from 5/4 kiln-dried pine, profiled with 1/2-inch stop, standard depth 4-9/16 inches. Other frame depths available to match wall constructions. Exterior casing brickmould in WM180 pattern available. Optional frames in exterior grade red oak with matching brickmould. Optional rot resistant jambs.
SILL, SWING-IN, SWING OUT, SIDELITE OPTIONS	Wide range of sill options: fixed threshold, adjustable threshold, and public access available in bronze, mill, satin nickel and brass finishes.  Double-door models: double door available with both leaves active and locking astragal available.  Sidelite options: flush-glazed or lite insert models, with embossed panel & glass moldings, in 10 inch, 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.
TRANSOM OPTIONS	Transom frames, either rectangular, elliptical or half round, match door frames and have matching exterior brickmould. Transom frames in primed pine or clear northern red oak to match door frame option. Clear, Low-E, or etched insulated glass. Options for leaded decorative glass panel or wrought iron grille in air space between tempered glass panes with brass, brushed nickel or black nickel coming finishes. Wrought iron grille available in matte black only.