BAYSHIELD® COMMERCIAL
OUTSWING
DOOR

BayShield® Commercial Outswing Door

FrontLine Bldg. Products Inc. has been providing manufacturing support and solutions for the window and door industry since 1978. Our experience helps ensure an exceptional product, engineered to perfection. Through teamwork we attain total customer satisfaction and consistently exceed our customers' expectations.

Interior Features

- Wood species pine standard. Additional wood species available.
- Primed or stain/paint grade ready.

Exterior Features

- **Aluminum Clad Exterior**
  Available with heavy-duty, durable maintenance-free extruded aluminum cladding.

  Bottom rail cladding 1/8" thick (7 gauge), remaining rail & stile components 1/16" (14 gauge) thick extruded aluminum cladding.

- **Wood Exterior**
  Multiple wood species available.
  Primed or stain/paint grade ready.

Standard Sizes:

- Single Door Widths: 2-6, 3-0, 3-6
- Double Door Widths: 5-0, 6-0, 7-0
- Door Heights: 6-8, 7-0, 8-0
- Custom sizes available.

Performance:

- NFRC Rated
- Hallmark Certified
- Impact Certified/Florida HVHZ Windzone 4 Certified

Frame Construction

- 1-1/4" thick engineered core wood frame.
- Heavy-duty extruded aluminum exterior frame cladding (15 gauge).
- Integral rigid aluminum nailing fin.
- Frame cladding corners silicone injected and mechanically fastened.

Slab Construction

- 1-3/4" thick stiles and rails with engineered wood core, solid wood edge band and Poly-Bak™ lined faced veneers.
- Both hinge and lock stiles include engineered LVL wood core.
- All wood parts made from kiln-dried preservative treated wood.
- Stiles and rails are joined using 5/8" diameter glued wood dowels.
- Flexible finned cap system provided at door head.

## Panel Options

Flat Panel Design

Raised Panel Design

Hinges

- Each door slab hung with four solid brass commercial ball bearing hinges (4-1/2" x 4-1/2").
- Hinge color/finish options are available.
- For added strength and reliability, each hinge is fastened to the jamb using two machine screws and threaded "T" nuts.
- "T" nuts provided to prevent screws from stripping.

Sill Options:

- ADA Sill
- ADA Sill with thermal break
- Bumper Sill
- Also available without sill
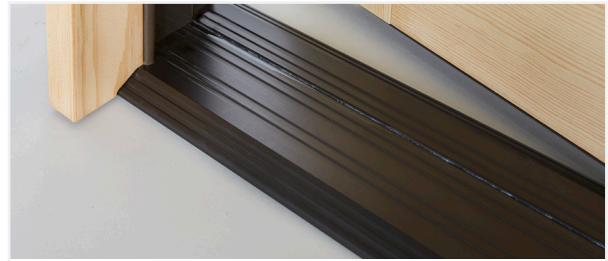
Paint & Stain Finish Options;

- **Interior:**
  - Unfinished or painted/stained to your specifications.
- **Exterior:**
  - Wood: unfinished, primed or painted/stained to your specifications.
  - Clad: AAMA 2605 paint finish standard. AAMA 2603 & 2604 finishes also available. Wide selection of standard colors & custom color matching available.

Other Options:

- Grilles: Simulated Divided Lite (SDL), grilles in airspace (GIA), wood removable.
- Glass: Insulated glass, decorative glass, Impact Glass.
- Hardware prep machined to your specifications.
- Transom and sidelites available.

Interior Features

WEATHER-STRIPPING
E-Lon™ weather-stripping provided on head & side jambs.

INTERIOR FRAME/JAMB:
1-1/4" edge banded LVL engineered core frame. Standard jamb depth of 4-9/16". Optional jamb depths available.

SILL:
Standard aluminum ADA, ADA sill with thermal break & bumper sill options available. Multiple sill finishes available.

PANEL DESIGNS
Flat & raised panel designs available.

GLAZING BEAD
Square or Ovolo glazing bead available.

WOOD SPECIES
Standard Pine with multiple wood species available.

RAILS & STILES
1-3/4" thick stiles and rails with engineered wood core, solid wood edge band and Poly-Bak™ lined face veneers. Both hinge & lock stiles include an engineered LVL wood core.

PANEL DESIGNS
Flat & raised panel designs available. Aluminum clad and painted, exterior grade, MDF panel designs available.

EXTERIOR CLADDING
Bottom rail cladding provided with durable 1/8" thickness. All other rails & stiles provided with 1/16" thickness. All cladding seams are overlapped and siliconed to ensure a weather-tight seal. All wood exterior panel options available. Multiple wood species available.

PAINT FINISHES
Baked on enamel paint finish AAMA 2605 standard. AAMA 2603 & 2604 paint finishes also available.

FRAME EXTERIOR
Extruded aluminum frame (15 gauge) with integral rigid aluminum nailing fin. Frame corners/miters silicone injected and mechanically fastened. All wood frame exterior option available. Multiple wood species available.

HINGES
Each door panel comes standard with (Qty 4) 4-1/2"x4-1/2" solid brass ball bearings commercial grade hinges. Each hinge is fastened to the jamb using two machine screws and threaded "T" nuts. Multiple finish options available.
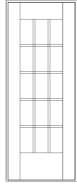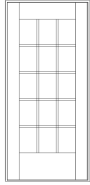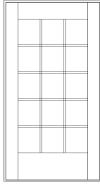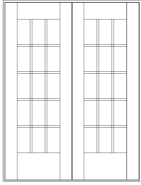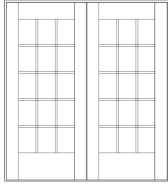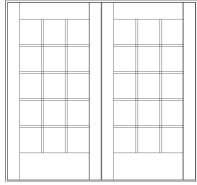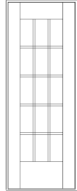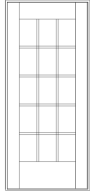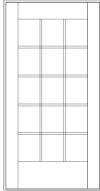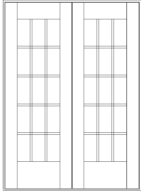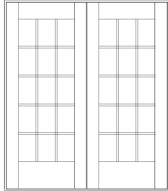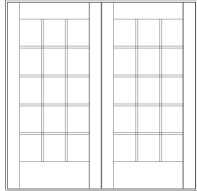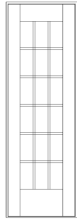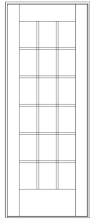
DOOR SWEEP
Replaceable flexible door sweep provided at door sill.

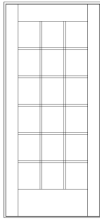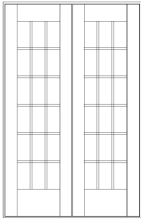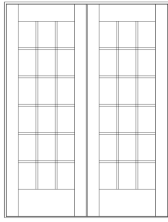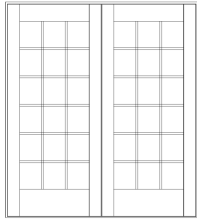# LIGHT COMMERCIAL OUTSWING DOOR SIZE TABLES

ALUMINUM CLAD WOOD - FULL VIEW

SIZE	2/6	3/0	3/6	5/0	6/0	7/0
*RO	2'-8 $\frac{5}{8}$"	3'-2 $\frac{5}{8}$"	3'-8 $\frac{5}{8}$"	5'-2 $\frac{11}{16}$"	6'-2 $\frac{11}{16}$"	7'-2 $\frac{11}{16}$"
*FS	2'-7 $\frac{5}{8}$"	3'-1 $\frac{5}{8}$"	3'-7 $\frac{5}{8}$"	5'-1 $\frac{11}{16}$"	6'-1 $\frac{11}{16}$"	7'-1 $\frac{11}{16}$"
*GS	1'-8 $\frac{1}{8}$"	2'-2 $\frac{1}{8}$"	2'-8 $\frac{1}{8}$"	1'-8 $\frac{1}{8}$"	2'-2 $\frac{1}{8}$"	2'-8 $\frac{1}{8}$"

6/8 — RO 6'-9 $\frac{1}{16}$" / FS 6'-8 $\frac{9}{16}$" / GS 5'-0 $\frac{3}{8}$"

| 2668 | 3068 | 3668 | 5068 | 6068 | 7068 |

7/0 — RO 7'-1 $\frac{1}{16}$" / FS 7'-0 $\frac{9}{16}$" / GS 5'-4 $\frac{3}{8}$"

| 2670 | 3070 | 3670 | 5070 | 6070 | 7070 |

8/0 — RO 8'-0 $\frac{1}{2}$" / FS 8'-0" / GS 6'-3 $\frac{13}{16}$"

| 2680 | 3080 | 3680 | 5080 | 6080 | 7080 |
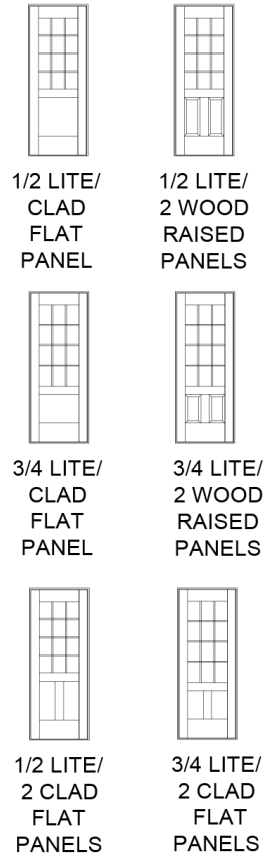
OPERATION IS VIEWED FROM EXTERIOR. HINGE SIDE MUST BE SPECIFIED WHEN ORDERING A SINGLE WIDE DOOR.

OPTIONAL STYLES

- 1/2 LITE/ CLAD FLAT PANEL
- 1/2 LITE/ 2 WOOD RAISED PANELS
- 3/4 LITE/ CLAD FLAT PANEL
- 3/4 LITE/ 2 WOOD RAISED PANELS
- 1/2 LITE/ 2 CLAD FLAT PANELS
- 3/4 LITE/ 2 CLAD FLAT PANELS

Custom panel styles available upon request

ALUMINUM CLAD WOOD - SIDELITE

SIZE	1/0	1/4	1/6	1/8
*RO	1'-2 $\frac{5}{8}$"	1'-6 $\frac{5}{8}$"	1'-8 $\frac{5}{8}$"	1'-10 $\frac{5}{8}$"
*FS	1'-1 $\frac{5}{8}$"	1'-5 $\frac{5}{8}$"	1'-7 $\frac{5}{8}$"	1'-9 $\frac{5}{8}$"
*GS	0'-8 $\frac{5}{8}$"	1'-0 $\frac{5}{8}$"	1'-2 $\frac{5}{8}$"	1'-4 $\frac{5}{8}$"

6/8 — RO 6'-9 $\frac{1}{16}$" / FS 6'-8 $\frac{9}{16}$" / GS 5'-0 $\frac{3}{8}$"

| 1068 | 1468 | 1668 | 1868 |
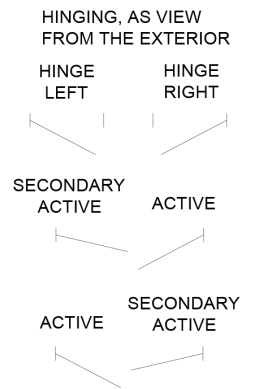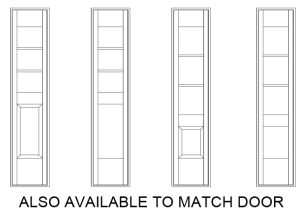
ALSO AVAILABLE TO MATCH DOOR

7/0 — RO 7'-1 $\frac{1}{16}$" / FS 7'-0 $\frac{9}{16}$" / GS 5'-4 $\frac{3}{8}$"

| 1070 | 1470 | 1670 | 1870 |

8/0 — RO 8'-0 $\frac{1}{2}$" / FS 8'-0" / GS 6'-3 $\frac{13}{16}$"

| 1080 | 1480 | 1680 | 1880 |

HINGING, AS VIEW FROM THE EXTERIOR

HINGE LEFT   HINGE RIGHT

SECONDARY ACTIVE   ACTIVE

ACTIVE   SECONDARY ACTIVE

NOT TO SCALE
SIZES GIVEN ARE FOR UNITS WITH RIM DEVICE TYPE HARDWARE. SUBTRACT 3/16" FROM WIDTH OF FRAME FOR DOUBLE DOOR UNITS WITH MULTI-POINT HARDWARE. ADDITIONAL SIZES ARE AVAILABLE UPON REQUEST (2068 TO 3680, 4068 TO 7080)

SIDELITE | ADDITIONAL SIZES MAY BE AVAILABLE UPON REQUEST (1068 TO 1880)

RO - OPENING, FS - FRAME SIZE, GS - GLASS SIZE

LIGHT COMMERCIAL OUTSWING DOOR SIZE TABLES

ALUMINUM CLAD WOOD - TRANSOM

NARROW STILE

SIZE			2/6	3/0	3/6	5/0	6/0	7/0
		*RO	2'-8 $\frac{5}{8}$"	3'-2 $\frac{5}{8}$"	3'-8 $\frac{5}{8}$"	5'-2 $\frac{11}{16}$"	6'-2 $\frac{11}{16}$"	7'-2 $\frac{11}{16}$"
		*FS	2'-7 $\frac{5}{8}$"	3'-1 $\frac{5}{8}$"	3'-7 $\frac{5}{8}$"	5'-1 $\frac{11}{16}$"	6'-1 $\frac{11}{16}$"	7'-1 $\frac{11}{16}$"
		*GS	2'-2 $\frac{3}{4}$"	2'-8 $\frac{3}{4}$"	3'-2 $\frac{3}{4}$"	2'-2 $\frac{3}{4}$"	2'-8 $\frac{3}{4}$"	3'-2 $\frac{3}{4}$"
1/0	1'-0 $\frac{1}{2}$" / 1'-0"	7 $\frac{1}{8}$"	2610	3010	3610	5010	6010	7010
1/2	1'-2 $\frac{1}{2}$" / 1'-2"	9 $\frac{1}{8}$"	2612	3012	3612	5012	6012	7012
1/6	1'-6 $\frac{1}{2}$" / 1'-6"	1'-1 $\frac{1}{8}$"	2616	3016	3616	5016	6016	7016
1/8	1'-8 $\frac{1}{2}$" / 1'-8"	1'-3 $\frac{3}{8}$"	2618	3018	3618	5018	6018	7018

WIDE STILE

SIZE			2/6	3/0	3/6	5/0	6/0	7/0
		*GS	1'-8 $\frac{1}{4}$"	2'-2 $\frac{1}{4}$"	2'-8 $\frac{1}{4}$"	1'-8 $\frac{1}{4}$"	2'-2 $\frac{1}{4}$"	2'-8 $\frac{1}{4}$"
1/0	1'-0 $\frac{1}{2}$" / 1'-0"	7 $\frac{1}{8}$"	2610	3010	3610	5010	6010	7010
1/2	1'-2 $\frac{1}{2}$" / 1'-2"	9 $\frac{1}{8}$"	2612	3012	3612	5012	6012	7012
1/6	1'-6 $\frac{1}{2}$" / 1'-6"	1'-1 $\frac{1}{8}$"	2616	3016	3616	5016	6016	7016
1/8	1'-8 $\frac{1}{2}$" / 1'-8"	1'-3 $\frac{3}{8}$"	2618	3018	3618	5018	6018	7018

NARROW STILE

SIZE			5/0	6/0	7/0	1/0	1/4	1/6	1/8
		*RO	5'-2 $\frac{11}{16}$"	6'-2 $\frac{11}{16}$"	7'-2 $\frac{11}{16}$"	1'-2 $\frac{5}{8}$"	1'-6 $\frac{5}{8}$"	1'-8 $\frac{5}{8}$"	1'-10 $\frac{5}{8}$"
		*FS	5'-1 $\frac{11}{16}$"	6'-1 $\frac{11}{16}$"	7'-1 $\frac{11}{16}$"	1'-1 $\frac{5}{8}$"	1'-5 $\frac{5}{8}$"	1'-7 $\frac{5}{8}$"	1'-9 $\frac{5}{8}$"
		*GS	4'-8 $\frac{13}{16}$"	5'-8 $\frac{13}{16}$"	6'-8 $\frac{13}{16}$"	0'-8 $\frac{3}{4}$"	1'-0 $\frac{3}{4}$"	1'-2 $\frac{3}{4}$"	1'-4 $\frac{3}{4}$"
1/0	1'-0 $\frac{1}{2}$" / 1'-0"	7 $\frac{1}{8}$"	5010	6010	7010	1010	1410	1610	1810
1/2	1'-2 $\frac{1}{2}$" / 1'-2"	9 $\frac{1}{8}$"	5012	6012	7012	1012	1412	1612	1812
1/6	1'-6 $\frac{1}{2}$" / 1'-6"	1'-1 $\frac{1}{8}$"	5016	6016	7016	1016	1416	1616	1816
1/8	1'-8 $\frac{1}{2}$" / 1'-8"	1'-3 $\frac{1}{8}$"	5018	6018	7018	1018	1418	1618	1818

WIDE STILE

SIZE			5/0	6/0	7/0
		*GS	4'-2 $\frac{5}{16}$"	5'-2 $\frac{5}{16}$"	6'-2 $\frac{5}{16}$"
1/0	1'-0 $\frac{1}{2}$" / 1'-0"	7 $\frac{1}{8}$"	5010	6010	7010
1/2	1'-2 $\frac{1}{2}$" / 1'-2"	9 $\frac{1}{8}$"	5012	6012	7012
1/6	1'-6 $\frac{1}{2}$" / 1'-6"	1'-1 $\frac{1}{8}$"	5016	6016	7016
1/8	1'-8 $\frac{1}{2}$" / 1'-8"	1'-3 $\frac{3}{8}$"	5018	6018	7018

NOT TO SCALE

SIZES GIVEN ARE FOR UNITS WITH RIM DEVICE TYPE HARDWARE. SUBTRACT 3/16" FROM WIDTH OF FRAME FOR DOUBLE DOOR UNITS WITH MULTI-POINT HARDWARE. ADDITIONAL SIZES ARE AVAILABLE UPON REQUEST (2068 TO 3680, 4068 TO 7080)

RO - OPENING, FS - FRAME SIZE, GS - GLASS SIZE

We also offer these great products:

Architectural Windows & Grilles
Commercial Entry Doors
Commercial Grilles
Custom Millwork
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Garage Door Frames
Transom Windows & Grilles
Oversized Direct Set Windows

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