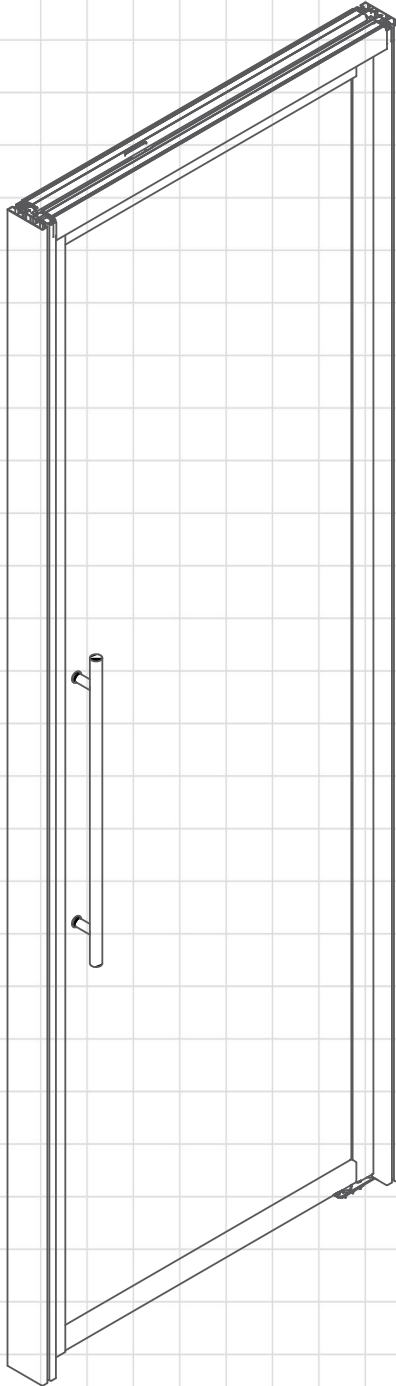


Spectra™ Thin-Profile Pivot Door

Tech Sheet





COMPONENTS + MATERIALS

ALUMINUM FRAME EXTRUSIONS

Architectural Grade and Structural Aluminum Alloys

Vertical and Horizontal Extrusions, Base Track

Aluminum Finish Options

- Clear anodized
- Powder coated
 - Any color choice
 - Custom as required (see [DIRTT.com](https://www.dirtt.com)) for standard color options
- Veneer Wrapped
 - Door rails and stiles only.
 - Adjustable skirt must be anodized or powder coated
- Custom finishes as required

PVC COMPONENTS

- | | |
|---|-------------------------|
| Standard Ceiling Trim for Inspire and 4" wall | Rigid/Flex Co-extrusion |
| Wall Start for Inspire and 4" wall | Rigid/Flex Co-extrusion |
| Glass Retainer | Rigid/Flex Co-extrusion |
| Frame Connections | Rigid/Flex Co-extrusion |
| Zippers for Inspire and 4" wall | Rigid/Flex Co-extrusion |
| PVC Color Options | Black and Silver |
| | No custom colors |

GLASS

- | | |
|--------------------------|---|
| Clear Tempered Glass | ¼" (6mm), ⅜" (10mm) or ½" (12mm)* |
| Tempered Laminated Glass | Contact info@dirtt.com for specifications for tempered laminated glass. |

Approved custom finishes

DOOR SEAL COMPONENTS

- | | |
|-----------------------------|------------------------------|
| Rigid/Flex PVC Co-extrusion | Strike and Guide Side |
| PVC Color options | Black and Silver |
| Double Pivot Doors | No seal between double doors |
| Astragal | Perimeter seals |
| Color Options | Black and Silver |

DOOR HARDWARE

- Assembly Door Pulls (See separate pull specifications; for above finished floor (AFF) location, see separate Standard Pull Height)
- | | |
|----------|---|
| 2" stile | Pulls mounted through holes drilled in glass when tempered glass is specified |
|----------|---|

Standard Hardware Options

- | | |
|-------------------------------------|---|
| Bar Pull | 12", 12" D-pull, 30" and 72"
Pulls are mounted through tempered and tempered laminated glass |
| Schlage lever set with 3 ¾" backset | ALX with Saturn Lever in 626 finish
ALX10 Passage Lever
ALX50 Entrance Lever |
| Bottom adjustable skirt | Anodized or powder coated finish only |

NOTE: No drop seal is available for this door.

OPTIONAL DOOR HARDWARE

DIRTT

- Double doors
 - Flush bolt on inactive door
- DIRTT-provided concealed closer

DIRTT LOCKING OPTIONS

- Top-locking Pull
 - Some restrictions apply. Contact info@dirtt.com for more information.

DIRTT NON-LOCKING OPTIONS

- See DIRTT Pull Specifications
- See DIRTT Standard Pull Height for above finished floor (AFF) locations

CUSTOMER'S OWN MATERIAL

- Approved Custom Hardware (Supplied "By Others")
 - COM levers with 3 ¾" backsets, other than Schalge ALX and ND series levers, require COM approval.

DIMENSIONS + DETAILS

FRAME/MODULE

- Standard Module Width
- | | | |
|------------------------------------|--|-------------------|
| Single | | |
| 4" and Inspire walls | | 40" (1.016m) |
| Double | | |
| 4" and Inspire walls | | 78 ¼" (1.96m) |
| Min. Module Width (Single) | | |
| 4" Wall without any hardware | | 27 13/16" (706mm) |
| Inspire Wall without any hardware | | 28 3/16" (716mm) |
| 4" Wall with roller latch | | 31 3/4" (807mm) |
| Inspire Wall with roller latch | | 32" 3/16" (818mm) |
| 4" Wall with concealed closer | | 36 5/8" (931mm) |
| Inspire Wall with concealed closer | | 37 1/16" (942mm) |



Min. Module Width (Double)	
4" Wall	TBD
Inspire	TBD
Max. Module Width (Single)	
4" Wall	44" (1.117m)
Inspire	44 $\frac{7}{16}$ " (1.129m)
Standard Ceiling Height	10'-0" (3.048m)
Standard Frame Depth	2" (51mm) or 4" (101mm)
Lower Door Pivot Plates	Located in door frame
Double Door Alignment Plate	TBD
Frame Height	Oversized in height; cut down on-site to suit opening

DOOR

Standard Door Thickness	1 $\frac{3}{4}$ " (44mm)
Standard Door Width	
4" Wall	
Single	38" (965mm)
Double	38" (965mm)
Inspire	
Single	37 $\frac{9}{16}$ " (954mm)
Double	37 $\frac{13}{16}$ " (960mm)
Min. Door Width (Single)	
4" Wall without any hardware	25 $\frac{3}{4}$ " (655mm)
Inspire Wall without any hardware	25 $\frac{3}{4}$ " (655mm)
4" Wall with concealed closer	34 $\frac{5}{8}$ " (880mm)
Inspire Wall with concealed closer	34 $\frac{5}{8}$ " (880mm)
Min. Door Width (Double)	
4" Wall	TBD
Inspire	TBD
Max. Door Width (Single 4" and Inspire walls)	42" (1.067m)
Max. Door Width (Double)	
4" Wall	TBD
Inspire	TBD
Standard Clear Opening Width	
Single Door	
4" Walls	34 $\frac{1}{4}$ " (870mm)
Inspire Walls	33 $\frac{11}{16}$ " (855mm)
Double Door Clear Opening Width	
1 Door open (4" and Inspire walls)	34 $\frac{5}{16}$ " (872mm)
2 Doors open (4" and Inspire walls)	68 $\frac{15}{16}$ " (1.751m)

Max. Door Weight* 200 lb (91 kg)

***NOTE:** Standard wall height limits apply (10'-0" max.)

Door Height Adjustment

Skirt adjustment $\frac{3}{8}$ " (9mm) up and
down
 $\frac{3}{16}$ " (5mm) per rung

NOTE: No drop seal available for this door.

Standard Vertical Door Stiles 2" (51mm)

Standard Top Rail 2" (51mm)

Standard Bottom Rail 2" (51mm)

Optional ADA** Bottom Rail 10 $\frac{7}{8}$ " (276mm) AFF
Yes. Stainless steel
or powder coat
options available

FRAME CONNECTIONS

DIRTT Wall and/or Drywall to Frame

Hidden Links Frame alignment and
gap control

Standard Clear Opening Width At frame connection
between the door
frame and the
adjacent frame

TRIM COMPONENTS

See [Solid Wall V2 Base tech sheet](#)

OTHER COMPONENTS

Parametric Door Sizes Available

Glass or Solid Transom over Door (Door frame option)

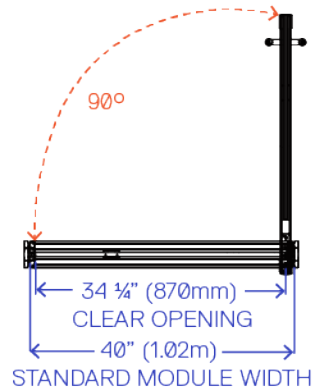
Applied Muntins on Glass Anodized or Powder
Coat Finish Only

NOTE: DIRTT has designed the standard door sizes to have a consistent frame module width between styles and also consider the minimum clear opening widths as required by section 1008 of the International Building Code (IBC). It is understood that local codes may supersede these requirements, and that alternate sizes are allowable based on application. Any modification to door size must be reviewed and validated to ensure final solution is compliant to the applicable code.



SPECTRA THIN PROFILE PIVOT SINGLE DOOR - 4" WALL

CLEARANCE - TOP VIEW



ELEVATION - FRONT VIEW

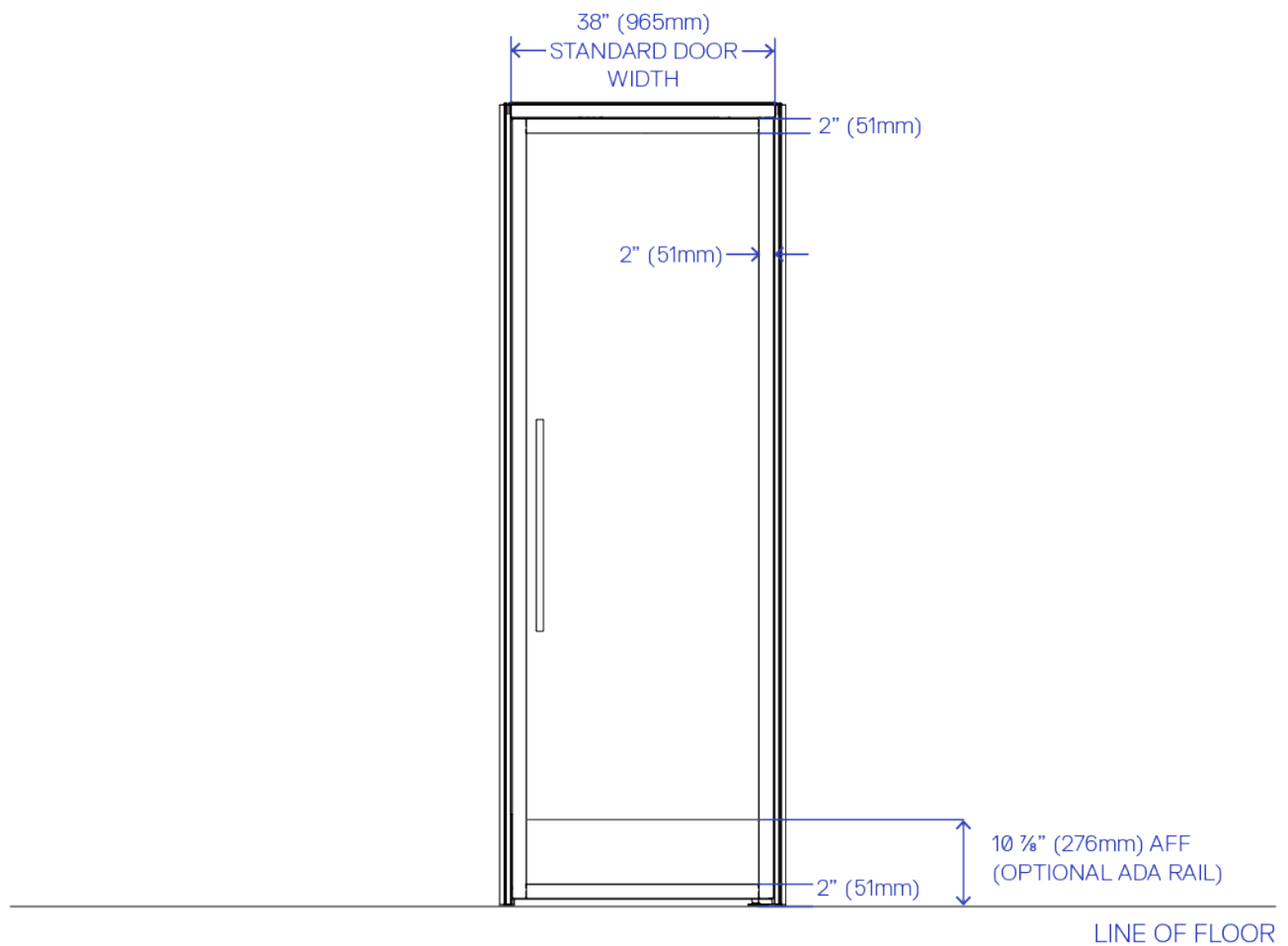




Diagram illustrating the standard module width. The module is shown in its standard horizontal position and rotated 90° clockwise. The horizontal dimension is labeled as 33 1/16" (855mm) CLEAR OPENING and 40" (1.016m) STANDARD MODULE WIDTH.

37 $\frac{9}{16}$ " (954mm)
STANDARD DOOR
WIDTH

2" (51mm)

2" (51mm)

10 $\frac{7}{8}$ " (276mm) AFF
(OPTIONAL ADA RAIL)

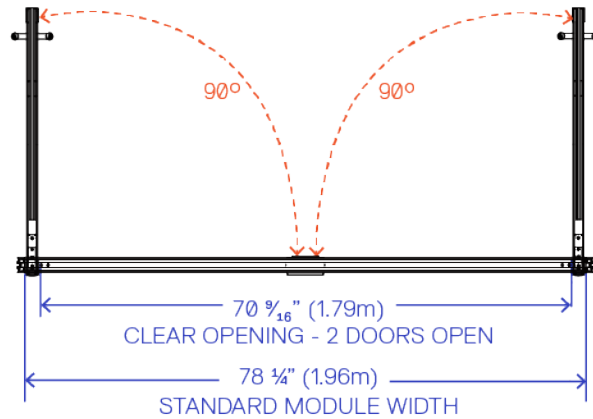
2" (51mm)

LINE OF FLOOR



SPECTRA THIN PROFILE PIVOT DOUBLE DOOR - INSPIRE

CLEARANCE - TOP VIEW



ELEVATION - FRONT VIEW

