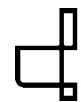
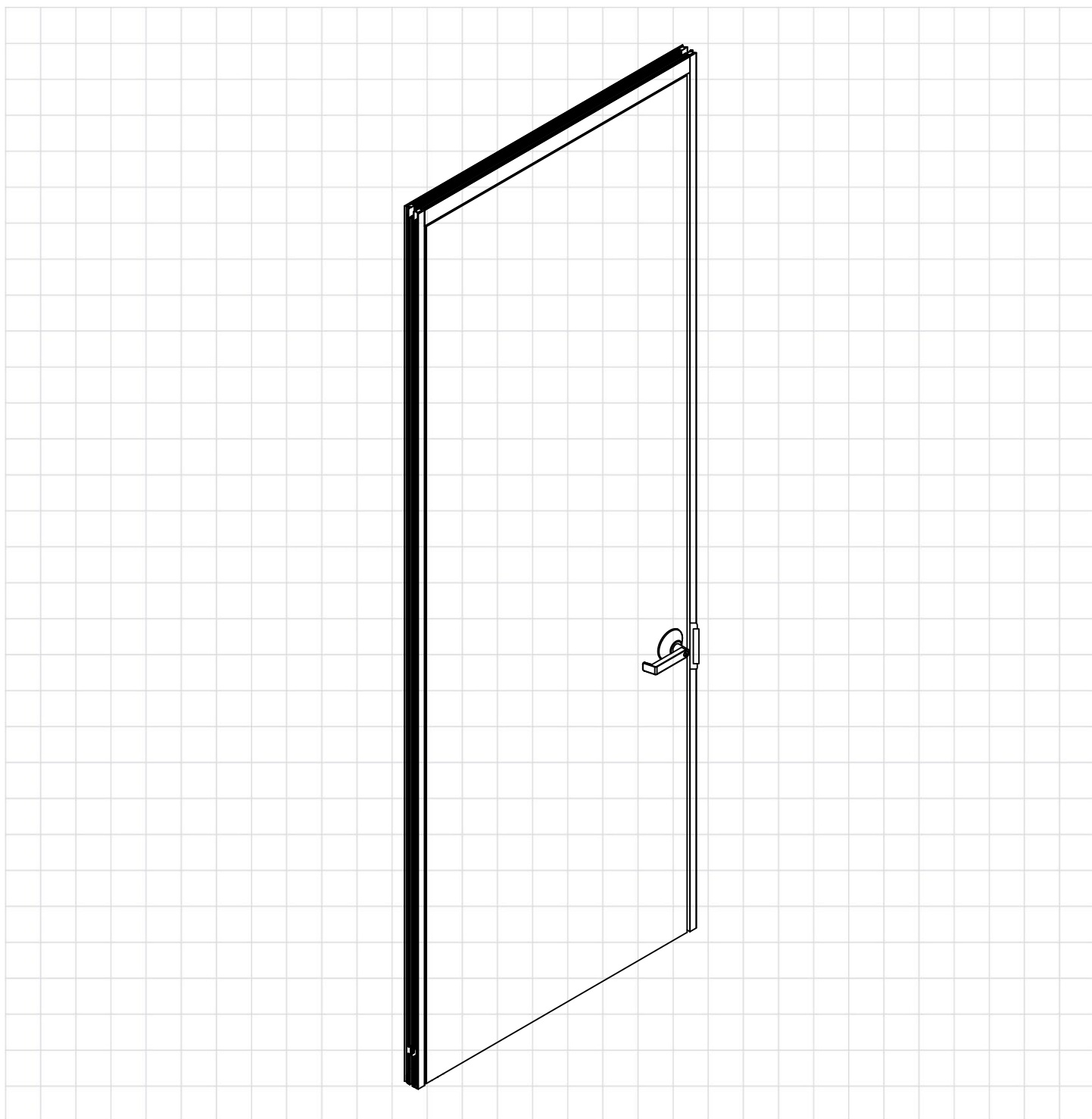


Solid Core Wood Pivot Doors in Inspire™ Wall Systems



Tech Sheet





COMPONENTS + MATERIALS

ALUMINUM FRAME EXTRUSIONS

Architectural Grade and Structural Aluminum Alloys
Door, Door Frame

FINISHES

Clear anodized (5 micron standard)
Powder coated
Architectural Grade Veneer (stained) (door slab only)
ChromacoatPlus (door slab only)
Color selection per manufacturer's standard range
Custom as required (see [DIRTT.com](https://www.dirtt.com)) for standard color options (client approval required)

PVC COMPONENTS

Frame Connections
Rigid/Flex Co-extrusion
Ceiling Trim/Wall Start
Rigid/Flex Co-extrusion
Glass Retainer
Rigid/Flex Co-extrusion
PVC Color Options
Black and Silver
Custom as required

DOOR SEAL COMPONENTS

0.400" Poly Pile (available in black or grey)
PVC Color Options – as above in PVC Components

DOOR MATERIALS

Super Ply frame (maple vertical solids on Chromacoat doors)
Particleboard Door Core
Pressed thin high-density fiberboard (door skin) both sides
Solid edging on door verticals
Species of solid edging to match veneer (Veneer finish)
Maple Solid Edging (Chromacoat Finish)

OPTIONAL DOOR WITH GLASS LITE

Same as door materials, along with
Standard Tempered Glass ¼" (6mm) - Option ⅜" (10mm)
Standard Laminated Glass ¼" (6mm) - Option ⅜" (10mm)
Approved Custom Finishes
Solid glass stops two sides. ⅜" (5mm) x ¾" (19mm) (Glass Lite)
Applied muntins on glass lite (anodized, powder coat or veneer wrapped)

DOOR FINISHES

Chromacoat (painted) and ChromacoatPlus (UV cured) water-based paint or Architectural Grade Veneer (stained)

Color selection per manufacturer's standard range
Custom color matches (client approval required)

DOOR HARDWARE

Manufacturer's own top and bottom pivot hardware
Falcon "B" Series Cylindrical Hardware with 2 ¾" backset
Quantum & Dane lever styles with 626 finish only
B511 Lockset, B101 Passage Set, B12 Dummy Trim
DIRTT standard mounting height for levers is 38" (965mm)
Above Finish Floor (AFF) to centerline of lever

All Stiles – DIRTT Locking Options

Locking Option – Single Door only
Top Locking Pulls – for all option
Locking Pull
DIRTT's own locking pull available in three standard heights

All Stiles – DIRTT Non-locking Options

See DIRTT Pull Specifications
See DIRTT Standard Pull Height, for AFF locations
Flush bolts, roller catches
For double doors, flush bolt on inactive door at the top
4 ⅞" (124mm) high strike plates

All Stiles – Customer's Own Material (COM)

Approved Custom Hardware (supplied "By Others")



DIMENSIONS + DETAILS

FRAME/MODULE

Standard Frame Width (Module)	40" (1.02m)
Max. frame width	44" (1.18m)
Standard Double Frame Width (Module)	78 1/8" (1.98m)
Standard Ceiling Height	Up to 10'-0" (3.05m)
Standard Frame Depth	2" (51mm)
Frame Height	Oversized in height; cut down on-site to suit opening

DOOR

Standard Door Thickness	1 11/16" (43mm)
Standard Door Width	37 7/16" (951mm)
Standard Clear Opening Width	33 13/16" (855mm) (6 5/16" (161mm) less than specified module width)
Standard Door Swing (from closed position)	
Rectilinear Frame Maximum	145° clear opening 32" (812mm)
Double Door Clear Opening Width	
One Door Open	34 5/16" (872mm)
Two Doors Open	68 3/8" (1.74m)
Door Height Adjustment	+5/8" (16mm) and -1 3/4" (44mm) Oversized 1 7/8" (48mm) in height; cut down on-site to suit opening

OPTIONAL DOOR WITH GLASS LITE

Same as door slab measurements, along with:

Standard Vertical Door Stiles	6 3/16" (157mm)
Standard Top Horizontal	6 3/16" (157mm)
Standard Bottom Horizontal	8 1/16" (205mm) AFF
Optional ADA Bottom Horizontal	12 1/16" (307mm) AFF

FRAME CONNECTIONS

DIRTT Wall and/or Drywall to Frame

Hidden Cufflinks

Frame alignment and gap control

Visible PVC Connectors

At frame connection between the door frame and the adjacent frame

TRIM COMPONENTS

Ceiling Trim

Flexible trim from top of wall to ceiling

Wall Trim

Rigid connection from door frame to base building; combined with flexible wall trim.

OTHER OPTIONS

Parametric Door Sizes available

Glass Transom (muntin only, no stack) (door frame option)

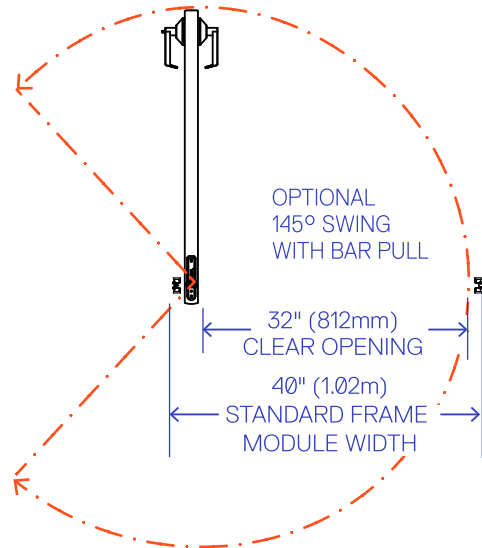
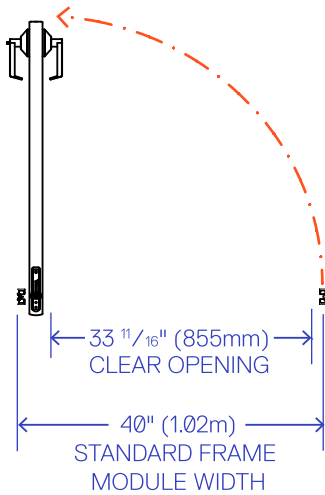
Applied muntins on glass (anodized or powder coat finish only) (door option)



SINGLE DOOR – All Stiles (Solid Slab and Glass Lite)

CLEARANCE

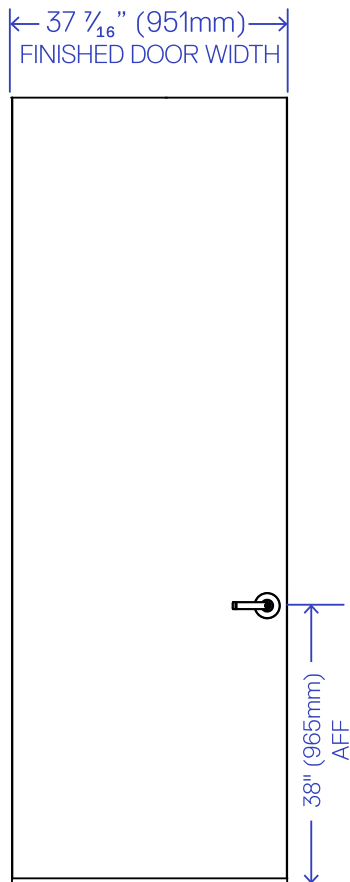
TOP VIEW



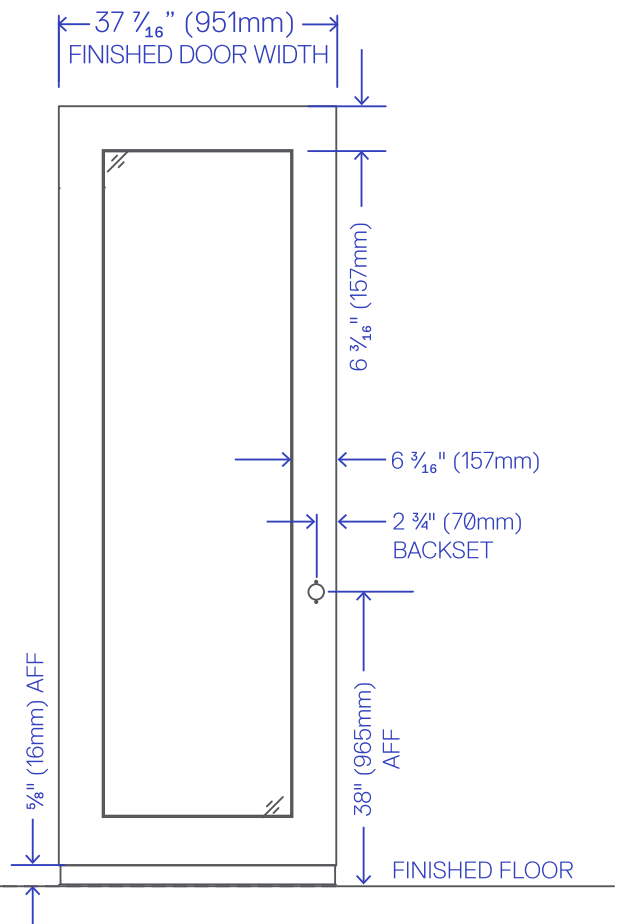
ELEVATION

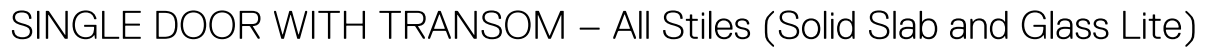
FRONT VIEW

PIVOT DOOR - SLAB

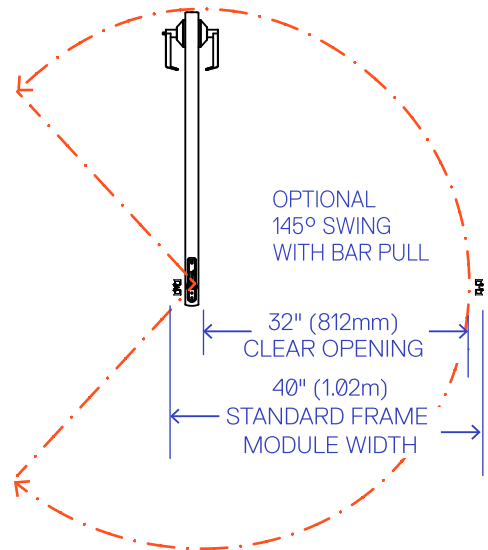


PIVOT DOOR - GLASS LITE





TOP VIEW



FRONT VIEW

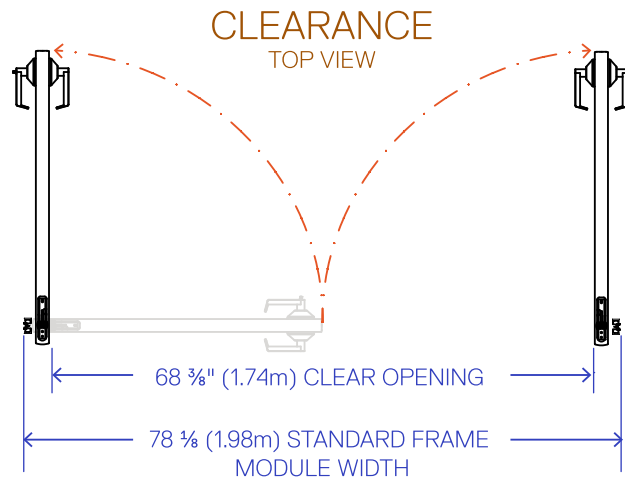
PIVOT DOOR - GLASS LITE

PIVOT DOOR - SLAB

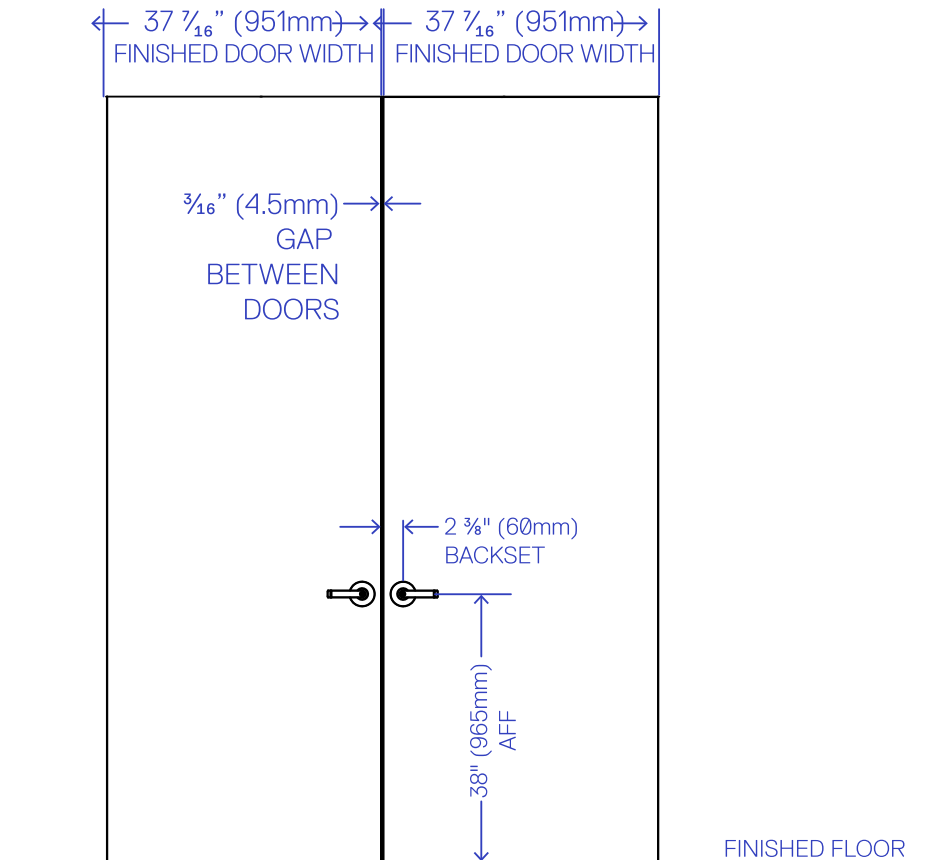




DOUBLE DOOR – All Stiles (Solid Slab and Glass Lite)

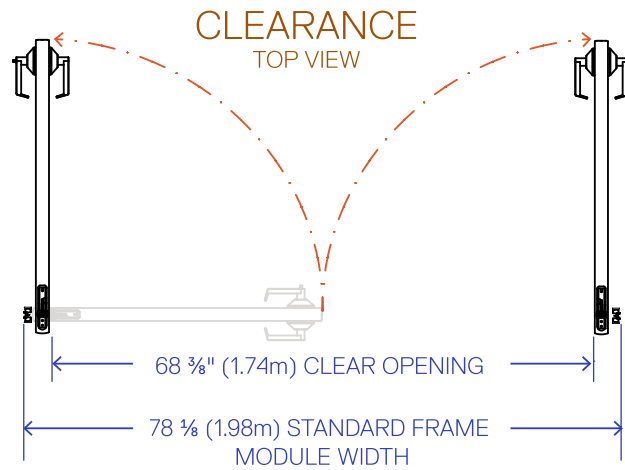


ELEVATION FRONT VIEW





SINGLE DOOR WITH TRANSOM – All Stiles (Solid Slab and Glass Lite)



ELEVATION FRONT VIEW

