

# Interior Residential Jambs & Accessories Specification Guide







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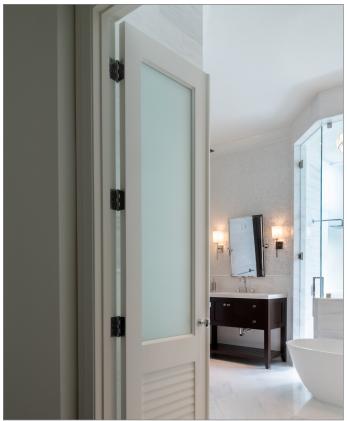
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### **Traditional Jambs**

TruStile has streamlined the ordering process and made it easy to design jamb solutions for every opening. Choose from stain-grade and paint-grade materials to match the doors and casing of your space.

Our traditional jambs are available pre-hung, or as a knockdown assembly, and are available with fire ratings. Choose from a variety of configurations including single or double rabbet jambs or flat jambs with applied stop.



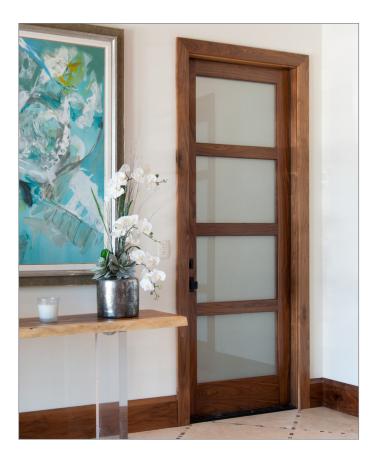






**Double Rabbet Jambs** 





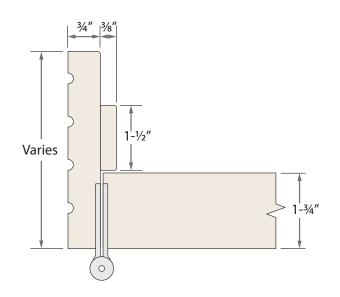
Single Rabbet Jambs

page 9



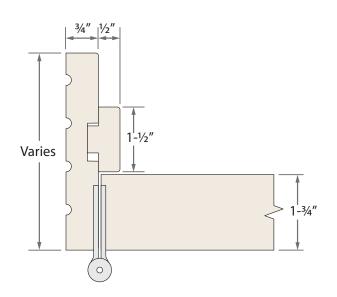
## Flat Jambs with Applied Stop

#### **NON-RATED JAMBS**



Flat Jamb with Square Edge Bevel edge with radius available

#### **FIRE-RATED JAMBS**

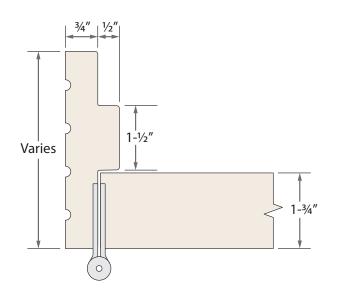


20-Minute, Flat Jamb with Square Edge Bevel edge with radius available Detailed information for our traditional jamb configurations, including jamb thickness, is available in the specification chart on page 10.



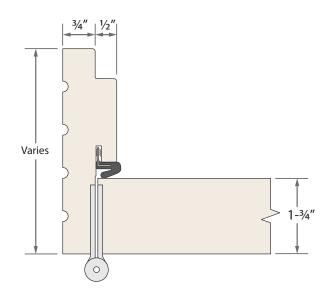
### **Double Rabbet Jambs**

#### **NON-RATED JAMBS**



Double Rabbet Jamb with Square Edge Bevel edge with radius available

#### **FIRE-RATED JAMBS**

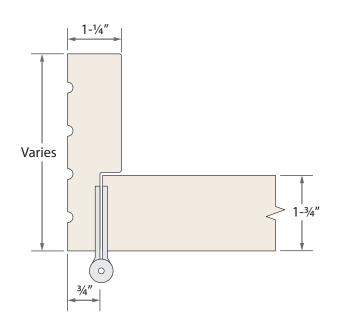


20-Minute, Double Rabbet Jamb with Square Edge Bevel edge with radius available Detailed information for our traditional jamb configurations, including jamb thickness, is available in the specification chart on page 10.



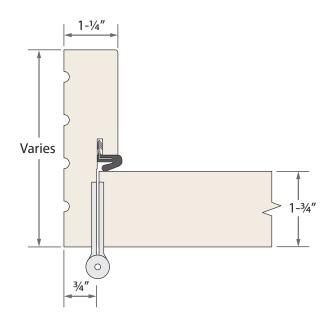
## Single Rabbet Jambs

#### **NON-RATED JAMBS**



Single Rabbet Jamb with Square Edge Bevel edge with radius available

#### **FIRE-RATED JAMBS**



20-Minute, Single Rabbet Jamb with Square Edge Bevel edge with radius available Detailed information for our traditional jamb configurations, including jamb thickness, is available in the specification chart on page 10.

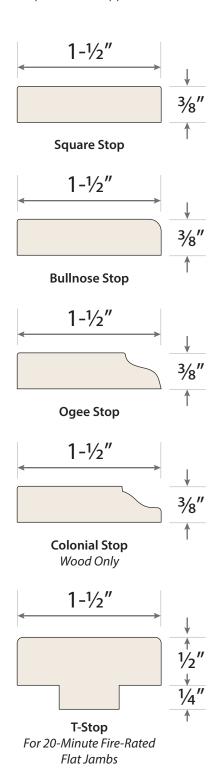
## **Traditional Jamb Specifications**

Flat Jambs with
Applied Stop

Jamb Thickness	<sup>3</sup> / <sub>4</sub> or 1" ( <sup>5</sup> / <sub>4</sub> nominal)
Jamb Width	3-1/2" minimum up to 12"
Jamb Joinery	Rabbeted header
	Mitered stop
Door Thickness	1-3/8", 1-3/4", 2-1/4"
Jamb Material	
Paint-Grade	Primed finger-jointed poplar Primed solid poplar
Stain-Grade	Solid wood in all standard species
Weatherstripping	Not available
Sills	Not available
Fire Rating	20-minute (requires T-stop)
	45, 60, 90-minute available
Jamb Assembly	Pre-hung*
	Knock-down**

#### **Stop Profile Options**

Stops available applied or loose



#### Traditional Jamb Specifications (continued)

	Double Rabbet Jambs	Single Rabbet Jambs
Jamb Thickness	³¾" or 1" (¾ nominal)	<sup>3</sup> ⁄ <sub>4</sub> " or 1" ( <sup>5</sup> ⁄ <sub>4</sub> nominal)
Jamb Width	3-½" minimum up to 12"	3-½" minimum up to 12"
Jamb Joinery	Rabbeted header	Rabbeted header
Door Thickness	1-3/8", 1-3/4", 2-1/4"	1-3/8", 1-3/4", 2-1/4"
Jamb Material		
Paint-Grade	Primed solid poplar	Primed finger-jointed pine Primed solid poplar
Stain-Grade	Solid wood in all standard species	Solid wood in all standard species
Weatherstripping	Kerf-in weatherstripping available in black, bronze or white.	Kerf-in weatherstripping available in black, bronze or white.
Sills	See options on page 34	See options on page 34
Fire Rating	20-minute	20-minute
		45, 60, 90-minute available
Jamb Assembly	Pre-hung*	Pre-hung*
	Knock-down**	Knock-down**

<sup>\*</sup> Pre-hung units are fully machined, assembled and ready to be installed.

<sup>\*\*</sup> Knock-down jambs are fully machined, but must be assembled before installation.



### **Modern Jambs**

The new TruStile modern casing-less door jamb configurations bring high-end, configurable designs that complete the look of modern openings for each of your projects. Discerning building professionals and their clients will appreciate the innovative options that create seamless lines and eliminate the need for casing around each door throughout the home.



**Projected Jamb with Inset Door** page 15



**Projected Jamb and Door** page 17



**Flush-to-Wall with Jamb Reveal** page 21



Flush-to-Wall Jamb page 19



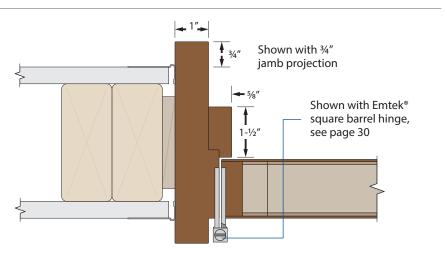
**Drywall Return Jamb** page 23



### Projected Jamb with Inset Door

Exposed jamb edge projects from wall with inset door that is flush to wall

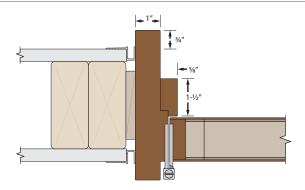
#### **CONFIGURATION SHOWN ON PAGE 14**



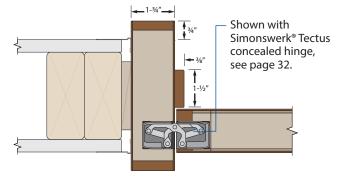
Jamb detail with L-bead trim and barrel hinge

Detailed information for all our modern jamb configurations, including jamb thickness, is available in the specification chart on page 26.

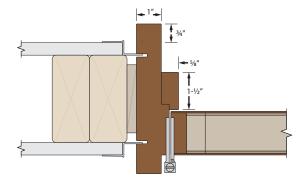
#### OTHER POSSIBLE CONFIGURATIONS



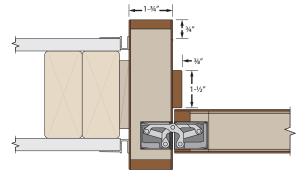
Jamb detail with F-reveal trim and barrel hinge



Jamb detail with L-bead trim and concealed hinge



Jamb detail with Z-reveal trim and barrel hinge



Jamb detail with F-reveal trim and concealed hinge

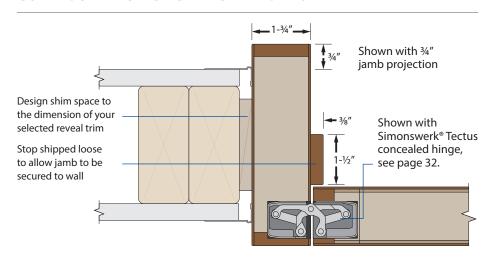
<sup>\*</sup> On jambs with less than ¾" projection, barrel hinges may project farther out than the jamb.



### Projected Jamb and Door

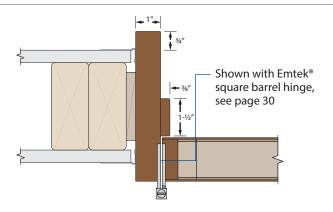
Exposed jamb edge projects from wall with door that sits flush to edge of jamb

#### **CONFIGURATION SHOWN ON PAGE 16**

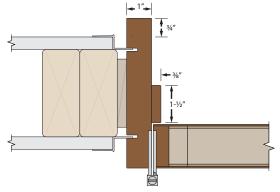


Jamb detail with L-reveal trim and concealed hinge Also available in single rabbet configuration, see page 24 Detailed information for all our modern jamb configurations, including jamb thickness, is available in the specification chart on page 26.

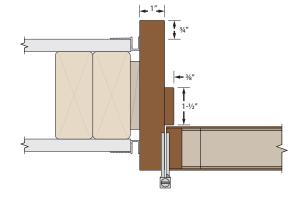
#### OTHER POSSIBLE CONFIGURATIONS



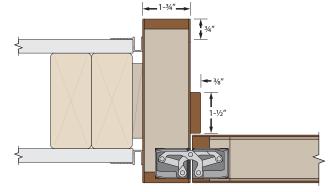
Jamb detail with Z-reveal trim and barrel hinge Also available in single rabbet configuration, see page 24



Jamb detail with Z-reveal trim and barrel hinge Also available in single rabbet configuration, see page 24



Jamb detail with F-reveal trim and concealed hinge Also available in single rabbet configuration, see page 24



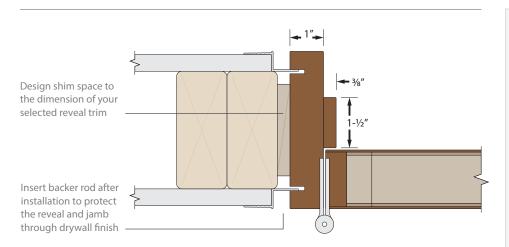
Jamb detail with F-reveal trim and concealed hinge Also available in single rabbet configuration, see page 24



### Flush-to-Wall Jamb

Exposed jamb edge with door and jamb flush to wall

#### **CONFIGURATION SHOWN ON PAGE 18**

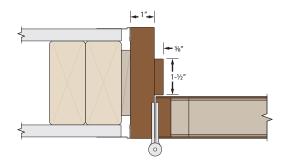


Detailed information for all our modern jamb configurations, including jamb thickness, is available in the specification chart on page 26.

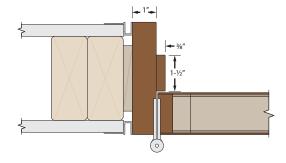
#### Jamb detail with Z-reveal trim and barrel hinge

Also available in single rabbet configuration, see page 24. Backside kerf requires minimum 1" thickness. A similar look can be obtained, without backside kerf, with a flush-to-wall jamb with reveal, see page 21

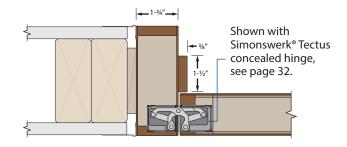
#### OTHER POSSIBLE CONFIGURATIONS



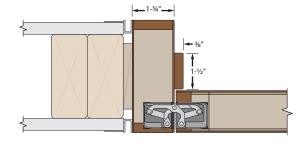
Jamb detail with L-bead trim and barrel hinge Also available in single rabbet configuration, see page 24



Jamb detail with F-reveal trim and barrel hinge Also available in single rabbet configuration, see page 24



Jamb detail with L-bead trim and concealed hinge Also available in single rabbet configuration, see page 24



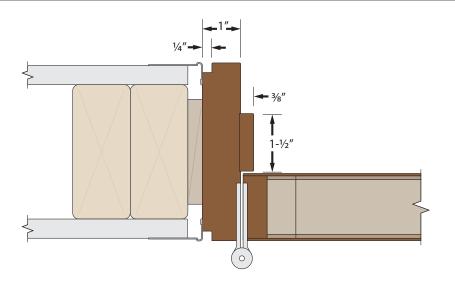
Jamb detail with F-reveal trim and concealed hinge Also available in single rabbet configuration, see page 24



### Flush-to-Wall Jamb with Reveal

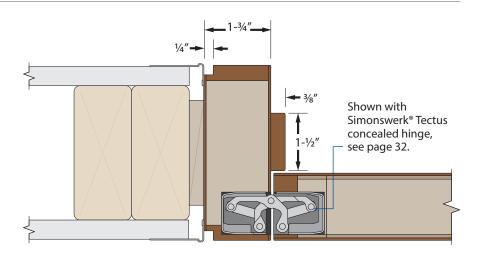
Exposed jamb edge with built-in reveal, door and jamb flush to wall

#### **CONFIGURATION SHOWN ON PAGE 20**



Jamb detail with L-bead trim and barrel hinge Also available in single rabbet configuration, see page 24

#### OTHER POSSIBLE CONFIGURATIONS

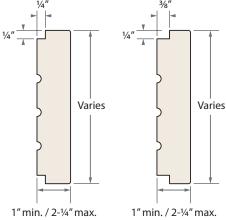


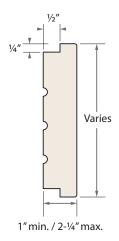
Jamb detail with L-bead trim and concealed hinge Also available in single rabbet configuration, see page 24

Detailed information for all our modern jamb configurations, including jamb thickness, is available in the specification chart on page 26.

#### **REVEAL OPTIONS**

Flush-to-wall jambs are available with the  $\frac{1}{4}$ ",  $\frac{3}{8}$ " or  $\frac{1}{2}$ " reveals shown below.



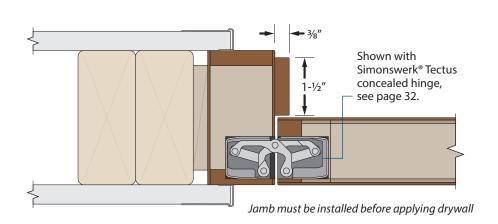




### Drywall Return Jamb

Semi-concealed jamb edge with door and jamb recessed in wall

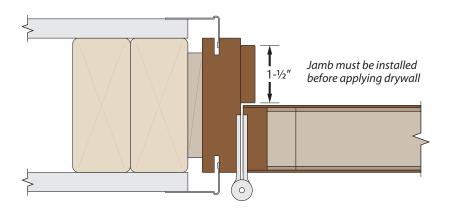
#### **CONFIGURATION SHOWN ON PAGE 22**



Detailed information for all our modern jamb configurations, including jamb thickness, is available in the specification chart on page 26.

Jamb detail of drywall return jamb with concealed hinge Drywall kerf not available with concealed hinge

#### OTHER POSSIBLE CONFIGURATIONS

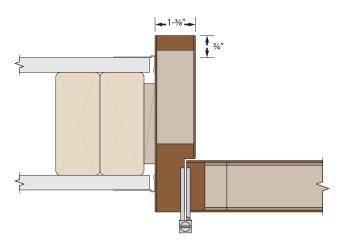


Jamb detail of drywall return jamb with barrel hinge
Shown with drywall kerf

### Single Rabbet Jamb Options

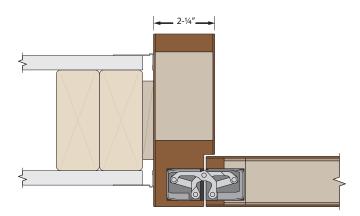
TruStile offers some of our modern jamb configurations in Single Rabbet configurations. The Projected Jamb options displayed to the lower left are available for non-rated openings. The Flush-to-Wall options shown to the right can be configured for non-rated openings or 20-minute house-to-garage openings.

#### PROJECTED JAMB AND DOOR (AVAILABLE FOR NON-RATED ONLY)



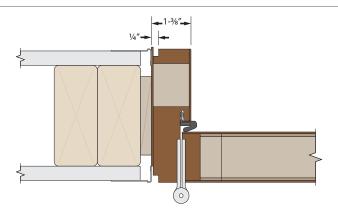
Jamb detail with L-bead trim and barrel hinge

Detailed information for all our modern jamb configurations, including jamb thickness, is available in the specification chart on page 26.



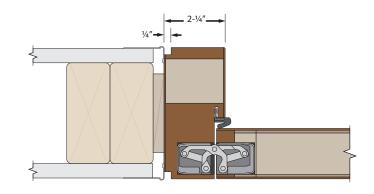
Jamb detail with L-bead trim and concealed hinge

#### FLUSH-TO-WALL JAMB WITH REVEAL (AVAILABLE WITH A 20-MINUTE FIRE RATING)



#### Jamb detail with L-bead trim and barrel hinge

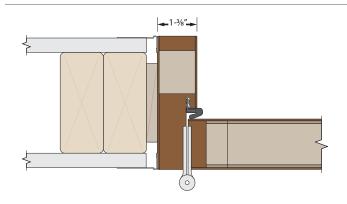
This option is available for 20-minute house-to-garage applications; minimum wall depth applies.



#### Jamb detail with L-bead trim and concealed hinge

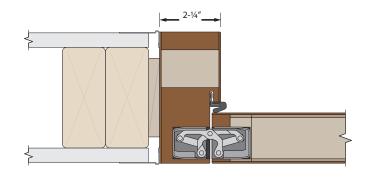
This option is available for 20-minute house-to-garage, natural wood door applications. Minimum wall depth and self-closer may be required.

#### FLUSH-TO-WALL JAMB (AVAILABLE WITH A 20-MINUTE FIRE RATING)



#### Jamb detail with L-bead trim and barrel hinge

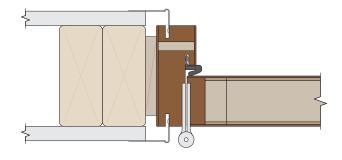
This option is available for 20-minute house-to-garage applications



#### Jamb detail with L-bead trim and concealed hinge

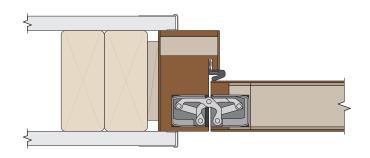
This option is available for 20-minute house-to-garage, natural wood door applications. Minimum wall depth and self-closer may be required.

#### DRYWALL RETURN JAMB (AVAILABLE WITH A 20-MINUTE FIRE RATING)



#### Jamb detail with L-bead trim and barrel hinge

This option is available for 20-minute house-to-garage applications



#### Jamb detail with L-bead trim and concealed hinge

This option is available for 20-minute house-to-garage, natural wood door applications. Minimum wall depth and self-closer may be required.

# **Modern Jamb Specifications**

	Projected Jamb and Inset Door	Projected Jamb and Door
Door Thickness	1-3/4", 2-1/4"	1-3/4", 2-1/4"
Jamb Thickness		
Barrel Hinges	1" (¾ nominal)	1" (¾ nominal)
Concealed Hinges	1-3/8" - 2-1/4"	1-3/8" - 2-1/4"
Single Rabbet Thickness	Adds ½" to one side of jamb thickness	Adds ½" to one side of jamb thickness
Jamb Width	3-½" minimum up to 9"	3-½" minimum up to 12"
Jamb Construction		
1" thickness	Solid wood	Solid wood
> 1" thickness	Solid wood with engineered core	Solid wood with engineered core
Jamb Joinery		
1" thickness	Rabbeted header Mitered stop	Rabbeted header Mitered stop
> 1" thickness	Butt joint header Butt joint stop	Butt joint header Butt joint stop
Jamb Projection	1/4", 1/2", 3/4"	1/4", 1/2", 3/4"
Reveal Size	•	•
Door Swing		
Barrel Hinges	180°	180°
Concealed Hinges	90°	180°
Material Options		
Paint-Grade	Primed solid poplar	Primed solid poplar
Stain-Grade	Solid wood in all standard species	Solid wood in all standard species
Fire Rating	Not available	Not available
Jamb Assembly	Knock-down [3]	Knock-down <sup>[3]</sup>

	Flush-to-Wall Jamb	Flush-to-Wall Jamb with Reveal	Drywall Return Jamb
Door Thickness	1-3/4", 2-1/4"	1-3/4", 2-1/4"	1-3/4", 2-1/4"
Jamb Thickness			
Barrel Hinges	1" – 2-1/4"	1" (¾ nominal)	1" (¾ nominal)
Concealed Hinges	1-3/8" - 2-1/4" [1]	1-3/8" - 2-1/4" [1]	1-3/8" - 2-1/4" [1]
Single Rabbet Thickness	Adds ½" to one side of jamb thickness	Adds ½" to one side of jamb thickness	Adds ½" to one side of jamb thickness
Jamb Width	3-1/2" minimum up to 12"	3-1/2" minimum up to 9"	3-1/2" minimum up to 12"
Jamb Construction			
1" thickness	Solid wood	Solid wood	Solid wood
> 1" thickness	Solid wood with engineered core	Solid wood with engineered core	Solid wood with engineered core
Jamb Joinery			
1" thickness	Rabbeted header Mitered stop	Butt joint header Butt joint stop	Rabbeted header Mitered stop
> 1" thickness	Butt joint header Butt joint stop	Butt joint header Butt joint stop	Butt joint header Butt joint stop
Jamb Projection	•	•	•
Reveal Size	•	1/4", 3/8", 1/2" see "Reveal Options" on page 21 for detail	•
Door Swing			
Barrel Hinges	180°	180°	180°
Concealed Hinges	180°	180°	180°
Material Options			
Paint-Grade	Primed solid poplar	Primed solid poplar	Primed solid poplar
Stain-Grade	Solid wood in all standard species	Solid wood in all standard species	Solid wood in all standard species
Fire Rating	20-minute <sup>[2]</sup>	20-minute <sup>[2]</sup>	Not Available
Jamb Assembly	Knock-down [3]	Knock-down [3]	Knock-down [3]

<sup>&</sup>lt;sup>1</sup> Depending on jamb thickness and reveal size, concealed hinge may protrude through backside of jamb.

<sup>&</sup>lt;sup>2</sup> Fire-rated jambs with concealed hinges have limited thickness options, see TruQuote® for detail.

<sup>&</sup>lt;sup>3</sup> Knock-down jambs are fully machined, but must be assembled before installation.

### TruStile® Hinges

#### **BALL BEARING HINGES**

TruStile offers architectural-grade, square corner, ball bearing, plated steel hinges custom built to its specifications.

- UL listed spring hinges are available in 4" and 4-½" sizes for openings requiring a self-closing mechanism, such as house-to-garage applications.
- Disposable "throw away" hinges are available in all sizes.

Door Thickness	1-3/8"	1-3/4"	2-1/4"
Hinge Size	3-½" × 3-½"	4" × 4"	$4^{-1/2}$ " $\times$ $4^{-1/2}$ "
Hinge Count			
Doors up to 7'0	3	3	3
Doors 7'0 – 8'0	4	4	4
Doors 8'0 – 10'0	N/A	5	5



TruStile 4" hinge in US4 Brushed Brass

#### TRUSTILE HINGE FINISH OPTIONS



**US3 Bright Brass** 



**US4 Brushed Brass** 



**US5 Antique Brass** 



US10a Antique Bronze



US10B Oil-Rubbed Bronze



US14 Polished Nickel



US15 Satin Nickel



US15a Antique Nickel



US19 Flat Black



**US26 Polished Chrome** 



**US26D Satin Chrome** 

### TruStile Accessories



#### **HAGER® BALL CATCH #1447**

Drive in ball catch, with included strike, can be adjusted for door and frame clearance. Available on single doors and center-meet pairs.

Material: Zinc housing, brass strike, and plated steel ball.

Available finishes: US3, US4, US5, US10A, US10, US10R, US15,

US15A US19, US26, US26D

#### **EMTEK® ROLLER LATCH #8801**

Mortised, heavy duty, adjustable roller latch with included strike. Available on single doors and center-meet pairs.

#### **Available finishes:**

Satin Nickel, French Antique, Polished Chrome, Polished Nickel, Polished Brass (Lifetime), Unlacquered Brass, Satin Brass, Tumbled White Bronze, Medium Bronze, Oil-,Rubbed Bronze, Pewter, Flat Black





#### PRECISION™ PLS 24PRO MAGNETIC CATCH

Discrete, concealed magnetic catch holds doors closed. Opens and closes smoothly and without noise. Magnetic strength is adjustable by use of included shims. Available on single doors and center-meet pairs.

### HAGER® 281D SLIDE FLUSH BOLT / HAGER® 282D MANUAL FLUSH BOLT

Double action spring design provides automatic holding of bolt in projected or retracted position.

Available on T-astragal pairs with option to mount on top of door, or top and bottom of door

Material: Brass, bronze faceplate

with steel components

Available finishes: US3, US4, US5, US9, US10, US10B,

US15, US15A, US19, US26, US26D

Slide bolt length:\* 6"

Manual flush bolt lengths:\* 12", 18", 24", 30", 36"

\* Measured from top of door to center of flushbolt lever



### Emtek® Hinges



### HEAVY DUTY SOLID BRASS, BALL BEARING HINGES

Available sizes:  $3-\frac{1}{2}$ "  $\times$   $3-\frac{1}{2}$ "

 $4'' \times 4''$ 

 $4-\frac{1}{2}" \times 4-\frac{1}{2}"$ 

**Corner shapes:** Square

1/4" Radius 5/8" Radius



### HEAVY DUTY PLATED STEEL, BALL BEARING HINGES

Available sizes:  $3-\frac{1}{2}$ "  $\times$   $3-\frac{1}{2}$ "

 $4'' \times 4''$ 

 $4^{-1/2}$ "  $\times$   $4^{-1/2}$ "

**Corner shapes:** Square

1/4" Radius 5/8" Radius

### PLATED STEEL, UL LISTED SPRING HINGES

Available sizes:  $3-\frac{1}{2}$ "  $\times$   $3-\frac{1}{2}$ "

 $4'' \times 4''$ 

Corner shapes: Square

1/4" Radius 5/8" Radius



### HEAVY DUTY, SQUARE BARREL SOLID BRASS HINGES

Available sizes:  $3-\frac{1}{2}$ "  $\times$   $3-\frac{1}{2}$ "

 $4'' \times 4''$ 

 $4-\frac{1}{2}" \times 4-\frac{1}{2}"$ 

Leaf thickness: 1/8"

#### **COORDINATING HINGE TIPS**

Available for heavy duty, solid brass, ball bearing hinges only.



Select Knurled Hinge Tips



Select Faceted Hinge Tips



Select Straight **Knurled Hinge Tips** 



Brass Steeple **Hinge Tips** 



Brass Ball **Hinge Tips** 



Button Hinge Tips

#### **EMTEK® HINGE FINISHES OPTIONS**

Finishes may not be available across all Emtek hardware.

#### **Solid Brass Finishes**

US10B Oil-Rubbed Bronze **US14 Polished Nickel** US15 Satin Nickel US15A Antique Nickel **US19 Flat Black US26 Polished Chrome US3 Polished Brass US3NL Unlacquered Brass US4 Satin Brass US7 French Antique** 

#### **Plated Steel Finishes**

Medium Bronze **Tumbled White Bronze US10B Oil-Rubbed Bronze US14 Polished Nickel US15 Satin Nickel US15A Antique Nickel US19 Flat Black US26 Polished Chrome US3** Polished Brass **US4 Satin Brass US7 French Antique** 



Medium Bronze



Tumbled White Bronze



US10B Oil-Rubbed Bronze



**US14** Polished Nickel



US15 Satin Nickel



US15A Antique Nickel



US19 Flat Black



US26 Polished Chrome



**US3 Polished Brass** 



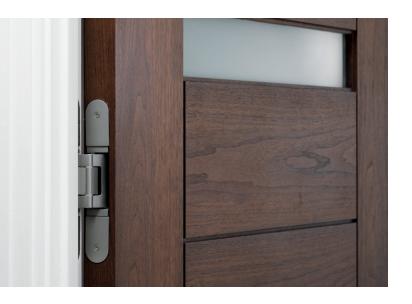




**US7 French Antique** 

TruStile also offers hinges from other manufacturers such as Baldwin and PBB.

### Simonswerk® Tectus Concealed Hinges



Simonswerk Tectus concealed hinges offer a sleek, clean look perfect for today's modern interiors. These precision hinges are fully adjustable in three dimensions, making it simple to create a perfect margin between the door and frame.

Our concealed hinge offering is available on any of our 1-3/4" or 2-1/4" doors and provides a complete solution: precision-machined door, fully prepped ready-to-assemble jamb and choice of Tectus hinges. Not available on pre-hung units.

#### **SPECIFICATIONS**

	Tectus TE 340 3D	Tectus TE 540 3D
Load Capacity	80 kg (176 lbs)	120 kg (264 lbs)
Minimum Door Thickness	Minimum 1-3/4"	Minimum 1-3/4"
Minimum Jamb Thickness *		
Traditional Flat Jamb	Minimum 1-3/8"	Minimum 1-½"
Projected Jamb w/Inset Door	Minimum 1-3/8"	Minimum 1-½"
Projected Jamb w/Outset Door	Minimum 1-3/8"	Minimum 1-½"
Flush-to-Wall Jamb	Minimum 1-3/8"	Minimum 1-½"
Flush-to-Wall Jamb with Reveal	1/4" Reveal: Minimum 1-5%"	1/4" Reveal: Minimum 1-3/4"
	3/8" Reveal: Minimum 1-3/4"	3/8" Reveal: Minimum 1-7/8"
	½" Reveal: Minimum 1-7/8"	½ <b>" Reveal:</b> Minimum 2"
Length	160.0 mm (6.299")	200.0 mm (7.874")
Width	28.0 mm (1.102")	32.0 mm (1.260")
Opening Angle	180° degree	180° degree
Adjustable	Adjustable in three dimensions:	Adjustable in three dimensions:
	side +/- 3.0 mm (0.118")	side +/- 3.0 mm (0.118")
	height +/- 3.0 mm (0.118")	height +/- 3.0 mm (0.118")
	compression +/- 1.0 mm (0.039"))	compression +/- 1.0 mm (0.039"))
Maintenance-free slide bearings	Yes	Yes

<sup>\*</sup> Minimums show size needed to insure full hinge body fits withing jamb.

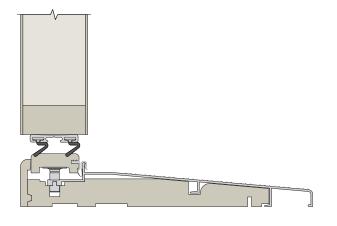
#### SIMONSWERK HINGE FINISH OPTIONS



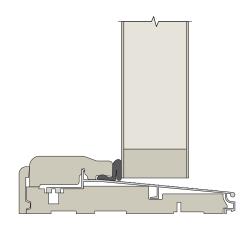
## **Sill Options**

#### **NON-RATED SILLS**

### NON-KATED SILLS

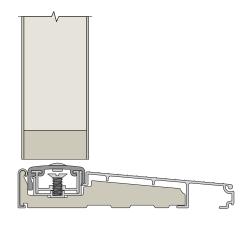


Oak Adjustable Sill (non-rated)

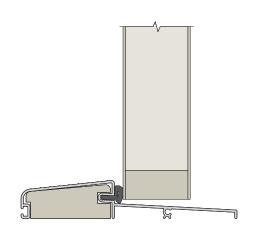


Solid Oak Top Outswing Sill (non-rated)

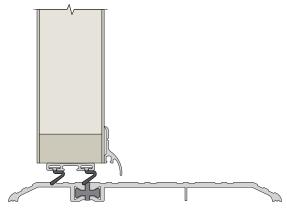
#### **FIRE-RATED SILLS**



UL Listed Composite Adjustable Sill

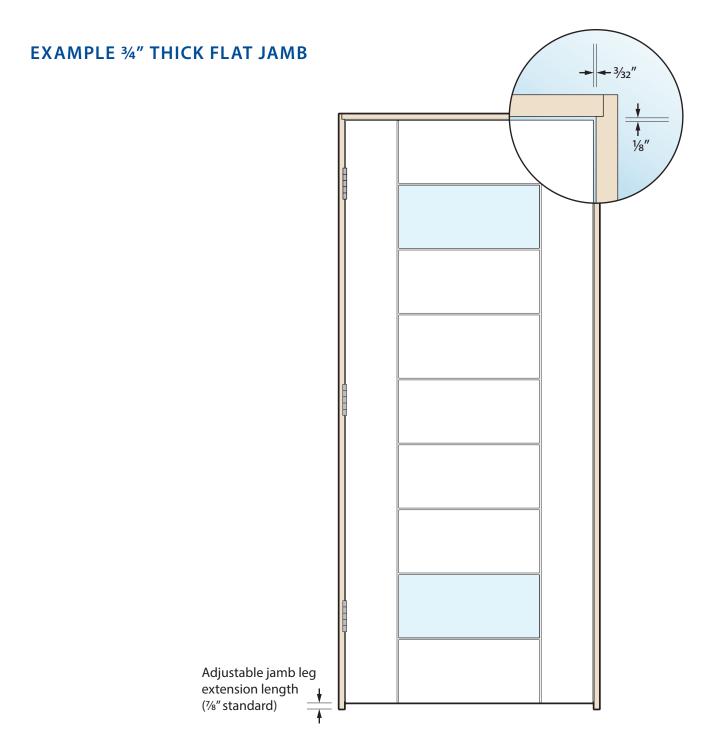


**UL Listed Composite Outswing Sill** 

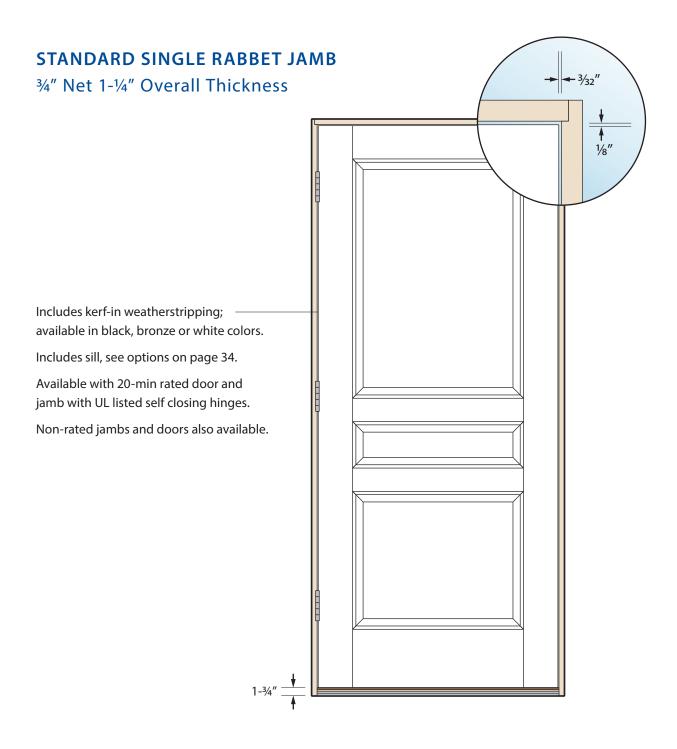


**UL Listed ADA Sill** 

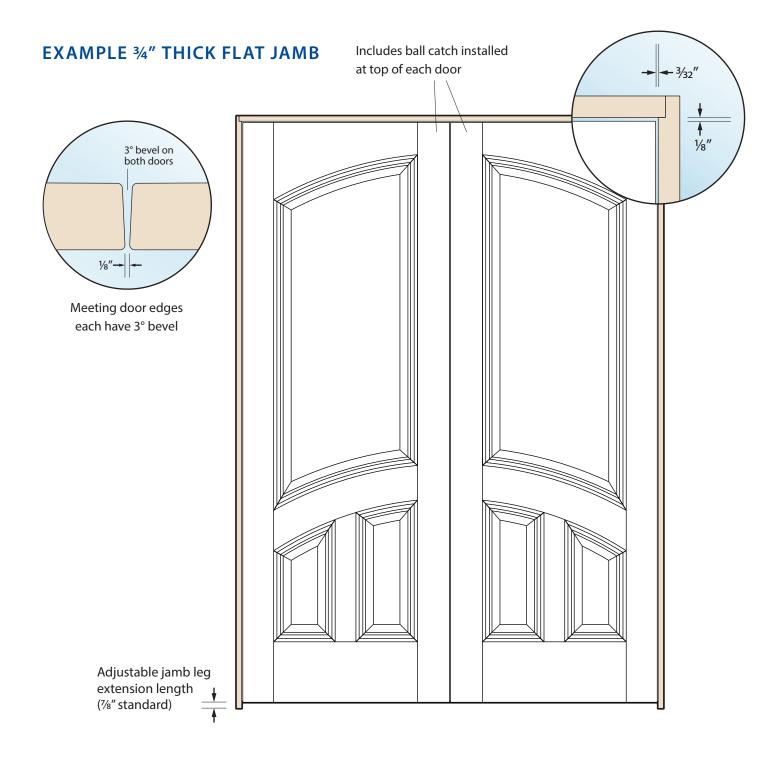
## Single Unit



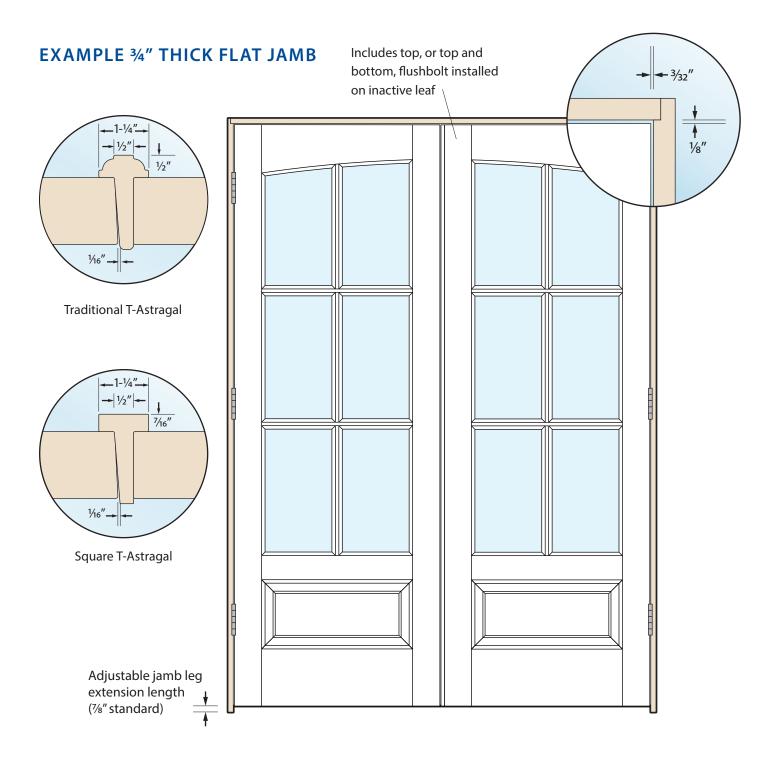
## House-to-Garage Single Unit



### Center Meet Pair Unit



## T-Astragal Pair Unit



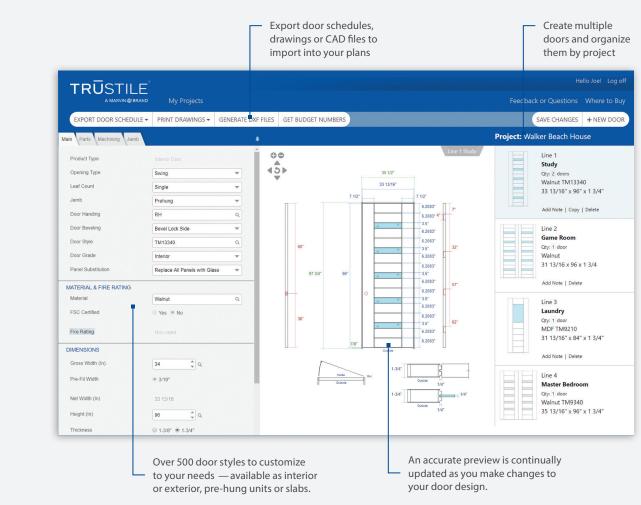


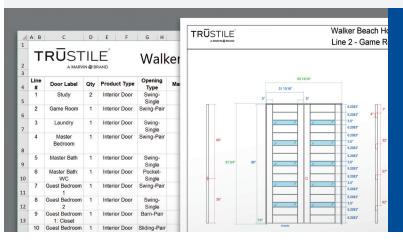
### **Door Design Tool**

#### Configure multiple doors and organize them by project

TruStile's exclusive web-based software allows you to design your own door package. Specify the height, width and location of all components within a door.







# Share Your Project with Other Applications

Door Design Tool projects can be exported as a door schedule that opens directly in Microsoft® Excel, as a PDF of drawings or CAD models to import directly into your plans.

www.trustile.com/designtool







#### **Front Cover**

TMFG2012 in Mahogany with Slate finish and stopped-in White Lami glass. Flush-to-wall jamb with reveal.

#### **Back Cover**

TS4100 in MDF with S4S two-tiered, applied moulding with Flat (C) panel. Drywall return jamb. FOLLOW US









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#### **TRUSTILE DOORS, LLC**

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