

# Clad Swinging Door Collection

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## Clad Swinging Door Collection

### Unit Features

#### Swinging Door Collection consists of:

- CUIFD: Clad Ultimate Inswing French Door and StormPlus IZ3
- CUOFD: Clad Ultimate Outswing French Door and StormPlus IZ3/IZ4
- CUIAF: Clad Ultimate Inswing Arch Top French Door and StormPlus IZ3
- CUOAF: Clad Ultimate Outswing Arch Top French Door
- CMIFD: Clad 2 1/4" Inswing French Door and StormPlus IZ3
- CMOFD: Clad 2 1/4" Outswing French Door and StormPlus IZ3/IZ4
- CMIAF: Clad 2 1/4" Inswing Arch Top French Door and StormPlus IZ3
- CMOAF: Clad 2 1/4" Outswing Arch Top French Door and StormPlus IZ3/IZ4

*NOTE: Impact units not available with CE mark.*

#### Frame:

- Frame thickness: 1 1/16" (27)
- Frame width: 4 9/16" (116)
- Fiberglass reinforced pultruded sill with water shed and weep system
  - Standard color: beige
  - Optional color: bronze
- Optional interior sill liner of Oak, Mahogany or Cherry for CUIFD, CUOFD
- Standard Oak sill liner for CUIAF, CUOAF, CMIFD, CMIAF, CMOFD and CMOAF
- Optional interior sill liner of Mahogany or Cherry for CUIAF, CUOAF, CMIFD, CMIAF, CMOFD, CMOAF

#### Panel:

- Panel thickness: 1 3/4" (44)
  - Top rail height and stile width: 4 3/4" (121)
  - Sidelite stile width: 3" (76)
  - Traditional French Door bottom rail height: 8 1/8" (206)
  - Contemporary Door bottom rail height: 4 3/4" (121)
  - Bottom rail:
    - Stave core is used for Pine, Cherry, Douglas Fir and Mahogany
    - Laminated veneer lumber (LVL) is used for White Oak
  - Stationary stile and hinged stile:
    - LVL is used for White Oak, Mahogany and Cherry
    - Stave core is used for Pine and Douglas Fir
  - Locking stile: all wood species use LVL
  - Top rail:
    - LVL is used for White Oak
    - Solid wood for Mahogany and Cherry
    - Stave core is used for Pine and Douglas Fir
  - Intermediate rail: solid wood for all species
- Panel thickness: 2 1/4" (57)
  - Top rail height and stile width: 6" (152)
  - Bottom rail height: 8 1/8" (206)
  - Bottom rail, stationary stile, locking stile, hinged stile and top rail for all species use LVL
  - Top rail is solid wood for arch top doors
  - Intermediate rail: solid face laminated
  - Standard interior wood cope sticking: ogee
  - Optional interior wood cope sticking: square

*NOTE: Contemporary doors will default to square sticking with an option to select ogee*

- Panels are interior glazed

#### Raised/Flat Panel Option:

- Standard stamped raised panel uses .080" (2) aluminum to the exterior with foam backing
- Core is medium density fiberboard (MDF) with non finger-jointed wood laminated to the interior

*NOTE:*

- Panel option not available with Contemporary door
- Clad 2 1/4" Inswing / Outswing French Door and Clad 2 1/4" Inswing / Outswing Arch Top French Door products with Raised and Flat panel options are not available with CE mark.

## Clad Swinging Door Collection

### Unit Features

#### Hardware:

- Multi-point lock: applied to active and optional on inactive panels, 2 3/8" (60) backset, with latch engagement and three locking points, with option of keyed alike.
  - Dead bolt
  - Head jamb bolt
- Manual head and foot bolt standard on inactive panel with option of multi-point lock
- Multi-point lock is standard on 2 1/4" inactive panels
- Optional mortise lock and passage latch on active panel
- Optional prep for passage latch with deadbolt
- Optional no lock/no bore
- Optional lever handle set: active, inactive and dummy
- Traditional handle set finish options:
  - Powder coat finishes: Satin Taupe, White, Dark Bronze, Matte Black
  - Metal finishes: Satin Chrome, Polished Chrome, Antique Brass, Oil Rubbed Bronze, Brass PVD, Oil Rubbed Bronze PVD, Satin Nickel PVD
- Contemporary handle set finish options:
  - Painted finishes: Matte Black, Dark Bronze,
  - Metal finishes: Oil Rubbed Bronze PVD, Satin Nickel PVD

#### Hinges:

- Adjustable hinges
  - Standard finish: Satin Taupe with a steel substrate
    - Optional powder coat finish: Gold Tone, Dark Bronze, Silver Frost, White, Matte Black
    - Optional finish: Antique Brass, Satin Chrome, Oil Rubbed Bronze, Polished Chrome, Brass PVD, Satin Nickel PVD, Oil Rubbed Bronze PVD
  - Dimensions are 4 1/4"(108) x 3 3/4"(95) with 3/8"(10) radius corners
    - Adjustment is 3/16"(5) for horizontal and vertical of panels in frame
  - Quantity per panel for CUIFD, CUOFD
    - Unit rough opening height ≤ 96" (2438) = three hinges per panel
    - Optional four hinges for unit rough opening height ≥ 86 1/2" (2197) and ≤ 96"(2438)
  - Quantity per panel for CUIAF, CUOAF
    - Unit rough opening height ≤ 80" (2032) = three hinges per panel
    - Unit rough opening height ≥ 84" (2134) and ≤ 96"(2438) = four hinges per panel
  - Quantity per panel for CMIFD, CMOFD, CMIAF, and CMOAF
    - Unit rough opening height ≤ 86 1/2"(2197) = three hinges per panel
    - Unit rough opening height > 86 1/2" (2197) and ≤ 96 (2438) = four hinges per panel
    - Unit rough opening height > 96" (2438) = five hinges per panel
    - Optional four hinges for unit rough opening height ≤ 96"(2438)
- Optional butt hinge for 1 3/4" doors
  - Default finish (Inswing): Satin Taupe with steel substrate
    - Optional finish: Brass Plated, Solid Brass, Antique Brass, Oil Rubbed Bronze, Satin Chrome, Satin Nickel, White, Stainless Steel, Satin Nickel PVD
  - Default finish (Outswing): Solid Brass or Stainless Steel with non-removable pin
  - Dimensions: 4" (102) x 4" (102) with radius corners
  - Quantity per panel
    - Unit rough opening height < 86 1/2" (2198) = three hinges per panel
    - Unit rough opening height ≥ 86 1/2" (2198) up to ≤ 110 1/2"(2807) = four hinges per panel
    - Unit rough opening height > 110 1/2" (2807) = five hinges per panel
- Optional ball bearing hinges for 2 1/4" doors
  - Default finish is Satin Chrome with a brass substrate
    - Optional finish: Solid Brass, Bronze with a brass substrate or stainless steel
  - Dimensions 4 1/2" (114) x 4 1/2" (114) with square corners
  - Quantity per panel
    - Unit rough opening height < 86 1/2" (2198) = three hinges per panel
    - Unit rough opening height ≥ 86 1/2" (2198) up to ≤ 96"(2438) = four hinges per panel
    - Unit rough opening height > 96" (2438) = five hinges per panel

## Clad Swinging Door Collection

### Unit Features

#### Optional Screens: (Inswing Units only)

- Standard sliding screen
  - Extruded aluminum
  - Top hung
  - Colors: Stone White, Bahama Brown, Bronze, Pebble Gray and Evergreen
- Ultimate top hung sliding screen
  - Heavier extruded aluminum
  - Roller bar
  - Sill bolt
  - Integral handle
  - Screen color will match exterior frame color of clad unit
- Sliding screen for XO, OX, OOX, XOO, OXO, OXXO operation
- Standard swinging screen
  - Black hinges, two for doors under 90" (2286), three for doors 90" (2286) and over
  - Handle includes latch with exterior handle and internal locking mechanism
    - Colors: Black, Bronze, Satin Nickel, Brass, or Satin Taupe
  - Screen color will match exterior frame color of clad units
- Ultimate swinging screen
  - Screen and tempered glass insert
  - Four concealed hinges per panel are factory installed within the Z-bar
  - Handle includes latch with exterior handle and internal locking mechanism
    - Colors: Bronze, Satin Nickel, Brass, or Satin Taupe
  - Screen color will match exterior frame color of clad units
- Standard screen mesh: charcoal fiberglass
- Optional screen mesh: bronze, charcoal aluminum, silver aluminum black aluminum, or charcoal high transparency fiberglass mesh (CH Hi-Tran)

#### Weather Strip:

- Weather strip at all panel perimeter points
- Standard color: beige
- Optional color: black

#### Glass and Glazing:

- Door panels: tempered insulating glass, hermetically sealed
- Glazing seal: silicone beading, exterior
- Standard glazing: Low E2 Argon or air
- Optional glazing: clear insulating glass, Low E3 Argon or Air, Low E1 Argon or Air, Obscure, Laminated, Bronze tint, Gray tint, Reflective Bronze tint, and decorative glass options
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations, Argon gas not included
- StormPlus IZ3 has tempered exterior pane with PV8 or SGP interlayer.
- StormPlus IZ4 has a tempered exterior pane with SGP interlayer.

#### CE Optional Glazing:

- Glazing seal: silicone beading, exterior
- Standard glazing: Low E2 Argon or Air
- Optional glazing: clear insulating, Low E3 Argon or Air, Low E1 Argon or Air, Low E2/ERS Argon or Air, Low E3/ERS Argon or Air, Laminated, Laminated Bronze tint, Laminated Gray tint, Laminated Green tint, Laminated White tint, Sandblasted
- Glass panes available in 3, 4, and 6 mm thicknesses
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations, Argon gas not included

**NOTE: CE Mulling** is available with CE marked muller assemblies 1W2H with one in-sash or direct glaze over operable door up to 127" (3226) x 100" (2540) maximum size.

## Clad Swinging Door Collection

### Unit Features

#### Interior Shades: (Rectangular units only)

- Cellular shade is attached to the door with a removable traditional or contemporary profile system that houses the cellular shade system and mechanism
  - Shade cartridge is removable and replaceable
  - One shade surround per panel daylight opening
  - Control: top down, bottom up

*NOTE: Contemporary surround will default with Contemporary Door*

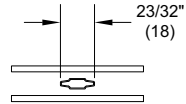
- Wood frame surround:
  - Species: Pine, Mahogany, Mixed Grain Douglas Fir, Vertical Grain Douglas Fir, Cherry, or White Oak
  - Pull bar: wood wrapped extruded aluminum
  - Shade track
    - Standard color: beige
    - Optional colors: white or bronze
  - Optional shade cover
    - Short shade cover: doors up to 7-0 height
    - Tall shade cover: doors 7-0 height and over
- Cellular shade:
  - Single non-fire rated hexagonal honeycomb (cellular) 3/4" (19)
  - Semi-opaque fabric (light filtering)
    - Colors: Driftwood, Marigold, Almond, Rose, Denim, Biscuit, Champagne, Moss, Cinnamon, Silver, White, Stone, Tan, Ivory, Eggshell
  - Opaque fabric (blackout)
- Colors: White, Stone, Tan, Ivory, Eggshell
- Order options:
  - Ship separate: shade system packages separately and ships same time as the unit
  - Ship later: shade system shipped at a later date chosen by the customer
    - Shade option must be chosen at the time of unit order
    - Fabric opacity and color can be chosen at later date
    - Retro fit: ordered as a complete shade system through configured parts

# Clad Swinging Door Collection

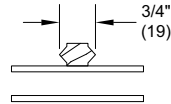
## Standard Divided Lite Options



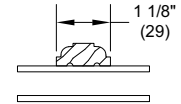
Insulating Glass



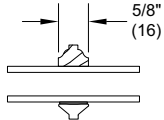
Aluminum 11/16"  
Contour GBG



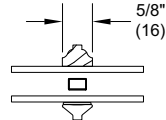
3/4" Grille



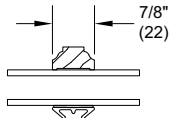
1 1/8" Grille



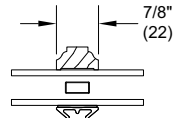
5/8" SDL



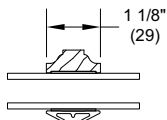
5/8" SDL  
W/Spacer



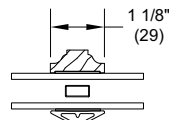
7/8" SDL



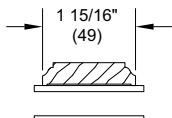
7/8" SDL  
W/Spacer Bar



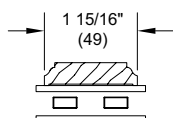
1 1/8" SDL



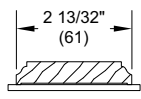
1 1/8" SDL  
W/Spacer Bar



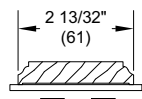
1 15/16" SDL



1 15/16" SDL  
W/Two Spacer Bars



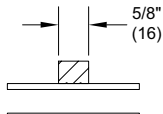
2 13/32" SDL



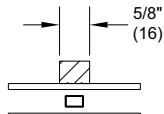
2 13/32" SDL  
W/Two Spacer Bars

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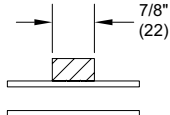
## Optional Interior Square Simulated Divided Lite



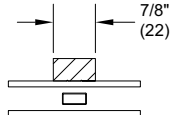
5/8" SDL



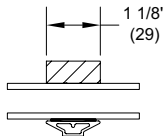
5/8" SDL  
W/Spacer



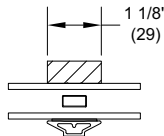
7/8" SDL



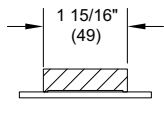
7/8" SDL  
W/Spacer Bar



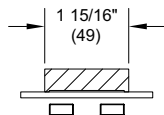
1 1/8" SDL



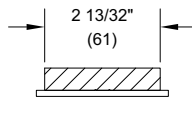
1 1/8" SDL  
W/Spacer Bar



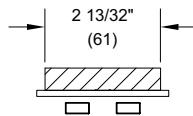
1 15/16" SDL



1 15/16" SDL  
W/Two Spacer Bars



2 13/32" SDL



2 13/32" SDL  
W/Two Spacer Bars

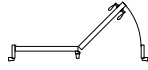


# Clad Swinging Door Collection

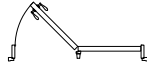
## Inswinging Handing Configurations



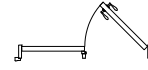
XX R



OX L



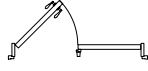
XO R



OX R



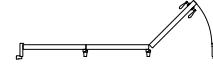
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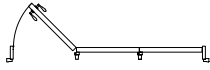
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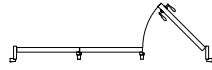
OOO



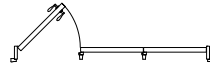
OOX L



XOO R



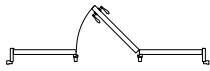
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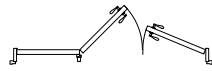
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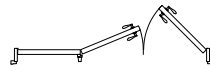
OXO L



OXO R



OXX L



OXX R



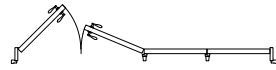
XXO R



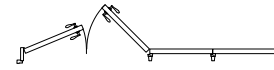
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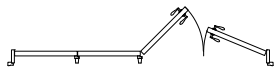
OOOO



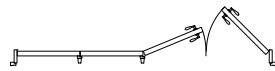
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XXOO R



OOOX L



OOOX R

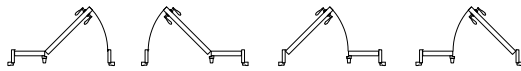


OXXO L



OXXO R

### Entrance Systems

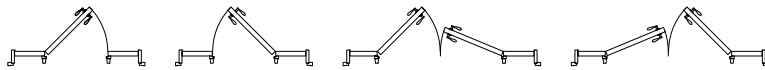


OX L

XO R

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OXO L

OXO R

OXXO L

OXXO R

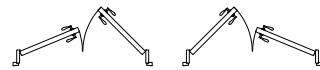
### 1 3/4" Archtop Doors 2 1/4" Rectangular and Archtop Doors



O

XL

XR



XX R

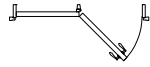
XX L

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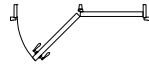
## Outswing Handing Configurations



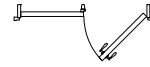
XX L



OX R



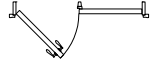
XO L



OX L



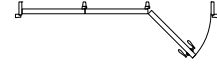
XX R



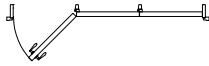
XO R



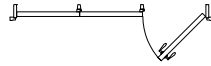
OOO



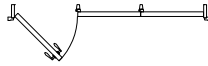
OOX R



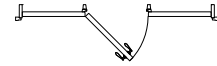
XOO L



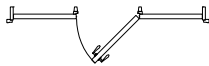
OOX L



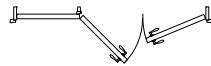
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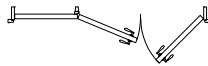
OXO R



OXO L



OXX R



OXX L



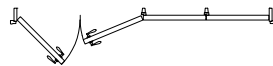
XXO L



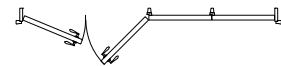
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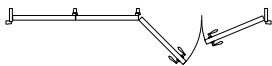
OOOO



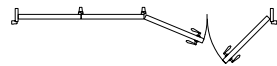
XXOO R



XXOO L



OOX R



OOX L

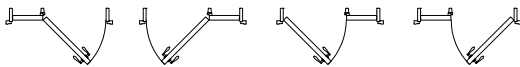


OXXO R



OXXO L

### Entrance Systems

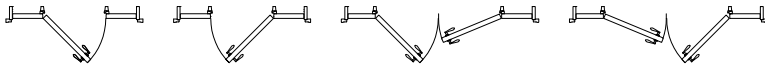


OX R

XO L

XO R

OX L



OXOR

OXOL

OXXOR

OXXOL

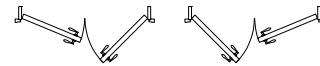
### 1 3/4" Archtop Doors 2 1/4" Rectangular and Archtop Doors



O

XR

XL



XX L

XX R