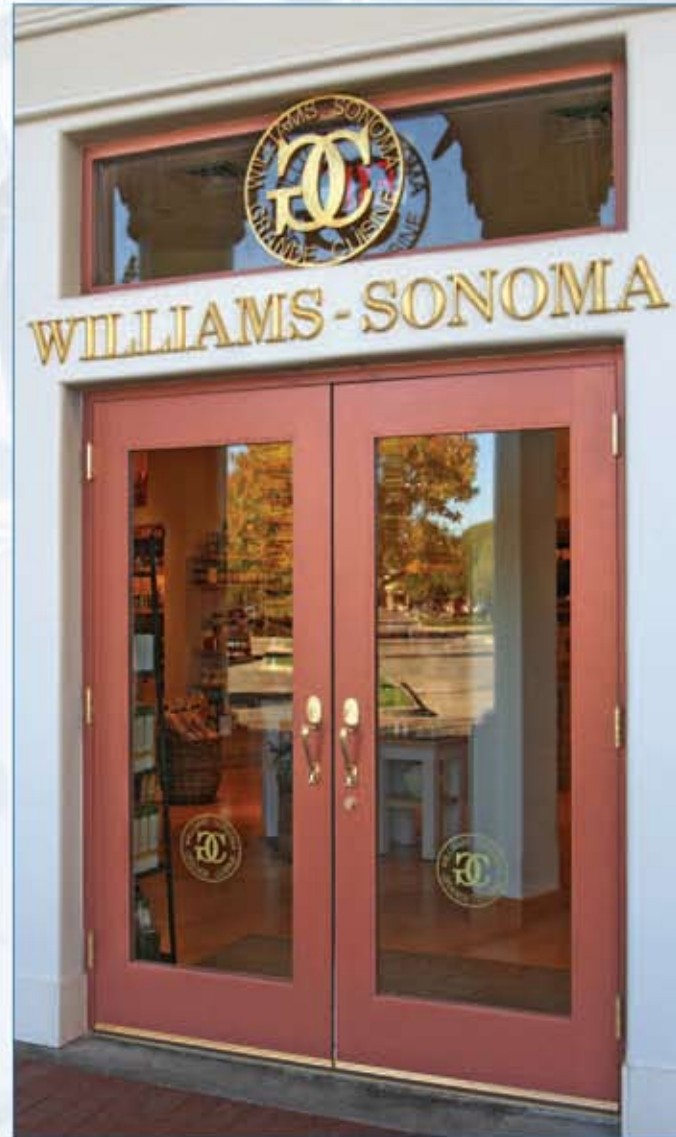


# entrance hardware



# ENTRANCE HARDWARE

**Astral. II**

## Hardware

As an industry leader in the manufacture of entrance doors and frames, United States Aluminum products are consistently built to the highest industry standards, ensuring years of reliable service. Mechanically fastened shear blocks and welded corner construction creates a rugged structural corner assembly backed by a lifetime warranty. These entrances can easily accommodate a wide variety of custom hardware for specific job requirements.



**Series 250** Entrance with Champagne Finish Hardware



**Series 400** Entrance with Mid Panel Exit Device



**Series 400** Entrance with Standard Exit Device



**Series 550** Entrance with Clear Hardware and 10" (254 mm) A.D.A. Bottom Rail

FEATURES	Series 250 Narrow Stile	Series 400 Narrow Stile	Series 550 Narrow Stile	Series 800 Narrow Stile	Series 850 Narrow Stile	* Storm Front™ Entrance
Single Glaze 1/4" (6)	●	●	●	●	●	9/16" (14.3)
Dual Glaze 1" (25)	●	●	●	●	●	1-5/16" (38.9)
Light to Moderate Traffic	●	●				
Moderate to Heavy Traffic		●	●	●	●	●
Heavy Traffic		●	●	●	●	●
Heavy to Abusive Traffic				●	●	●
Dual Weatherstrip Meeting Stiles	●	●	●	●	●	●
Adjustable Astragal	●	●	●	●	●	●
Vanguard Security Astragal	Optional	Optional	Optional	Optional	Optional	
Mid-Panel Exit Device	Optional	Optional	Optional	Optional	Optional	Optional
3/16" (4.8) Wall Thickness				●	●	1/8" (3.2)
A.D.A. Compliant	Optional	Optional	Optional	Optional	Optional	●

Clear Push/Pull Hardware Standard on Clear Anodized and Painted Doors.  
Champagne Push/Pull Standard on Bronze and Black Anodized Doors.

\* Please consult factory for hardware applicable to the Storm Front™ Entrance.

**Astral. II**

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## Pull Handles

Our Radius Pull Handles are made from 1" (25 mm) diameter solid aluminum with a 2-1/2" (63.5 mm) projection. These Handles are available in clear, bronze, and champagne anodized finishes.



Pull Handles available in 9", 12", 14", and 16" (229, 305, 356, and 406 mm) lengths

### PR022

(Not Recommended for Double Acting Doors or Panic Doors.)



**PR032**  
Champagne



**PR032**  
Clear



Champagne Anodized  
Standard Push Bar

**PR033** is for Double Acting Doors

**PR034** is for Offset Hung Doors

**PR031** is Optional and has a 2-1/2" (63.5 mm) Projection at Both Ends



Clear Anodized  
Standard Push Bar

## Push Bars

Our radius Push Bars are made from 1" (25 mm) diameter solid aluminum with a 2-1/2" (63.5 mm) projection at lock stile. These Push Bars are available in clear, bronze, and champagne anodized finishes.

# LOCKING HARDWARE

DH004



DH044



## Cylinders

Our Standard Cylinders are 1-5/32" (29.4 mm) in diameter with 5-pin tumblers and Schlage keyways. We offer Rim (DH043) and Dummy (DH011) Cylinders also. Thumb Turn Cylinders allow locking/unlocking from the inside without the use of a key.



## Cylinder Guards

Cylinder Guards help prevent tampering with cylinders.

DH037



L1001



L1002

## Lock Indicators

Lock Indicators are an easy way to identify if a door is locked or unlocked.

## Electric Strikes

Electric Strikes allow remote control of doors equipped with DH002 locks. DC and AC continuous units are silent; AC intermittent units "buzz" on operation.



## Flush Bolts

These Flush Bolts are manually operated, and are standard on the inactive leaf of pairs of doors.

DH008

DH052 Durafront



DH569



DH160



DH021



DH002

## Latch Locks

Flexibility of traffic control is their main function. These DH002 Locks allow two way traffic for buildings which require free entrance at certain times, and exit only at other times. Various Strike Plates are available.

## Dead Latch Paddles/Handles

These Latch Paddles/Handles allow doors to be locked at all times from the exterior, but unlocked from the interior to provide a more secure area. Requires DH002 Latch Lock.

DH084  
Standard  
Faceplate



DH029

## MS Locks

Our DH029 Hook Bolt Locks have steel cases and a laminated stainless steel hook bolt for maximum security. They have a 1-1/8" (29 mm) backset available as 1, 2 or 3 locking points.

**DH009**  
or  
**DH799**  
includes  
screws



## Butt Hinges

Our Standard Butt Hinge is a 4-1/2" x 4" (114 x 102 mm) brass with stainless steel pin, five knuckles, ball bearing type with rounded corners. Non-removable pin type is also available (DH199).

**DH119**  
or  
**DH719**  
includes  
screws



## Continuous Gear Hinges

Continuous Gear Hinges extend the full length of the door and frame. These Hinges are for doors that must withstand high traffic and more than normal abuse.



**DH299**

## Durafront Butt Hinges

Our Standard Durafront Butt Hinge is a heavy-duty 5" x 4-1/2" (127 x 114 mm) brass ball bearing type, with stainless steel pin, five knuckles, and rounded corners. Available in clear, bronze or black painted finish.

Top Pivot  
Frame Portion



**D062**



**D063**

Top Pivot  
Door Portion



**DH010**  
Intermediate  
Pivot



**DH141**

Durafront  
Top Pivot

## Pivots

All of our Pivots are cast aluminum, full race ball bearing with bronze bushings, and available in clear, bronze or black paint. Can be ordered as sets.



**DH140**

Durafront  
Intermediate  
Pivot

**D066**



**D067**  
(handed)

Bottom Pivot  
Door Portion

Bottom Pivot  
Frame Portion



**DH022**  
Intermediate Pivot



**DH142**

Durafront  
Bottom Pivot

# PANIC DEVICES

## Concealed Rod Exit Device

Our Standard Concealed Rod Panic Exit Device features trigger action, positive bolt throw, and adjustable bolt guides.

Uses standard mortise keyed cylinder.

**DH385**

With Champagne  
Push Bar



## Rim Type Exit Device

Our Standard Rim Type Exit Device features a 3/4" (19 mm) throw latch bolt, is non-handed, and uses a standard rim cylinder.

**DH395**

With Clear Push Bar



## Mid-Panel Exit Device

Our Mid-Panel Exit Device features sloped metal end caps, sound dampening activator, is field reversible, has Grade 1 classification, and easy rod adjustment. The height of the panel is 5-1/8" (130 mm), including glass stops.

**DH346**

for Single or Pairs

**DH309**

for Dummy Push Panel



## Surface Mounted Closers

Surface Mounted Closers are available with brackets for either regular arm, top jamb or parallel arm installation. Adjustable closing and latching speed, as well as adjustable tension to meet barrier-free requirements. Available in clear, bronze or black paint.

**CLO45**  
Non Hold Open



Arm for Center Hung Doors



Arm for Offset Hung Doors

## Floor Closers

Features of our Floor Closer include adjustable multi-point hold open between 75 and 165 degrees, selective delayed action, optional adjustable tension to meet barrier free requirements, and field interchangeable spindles for various bottom door clearances (please specify).



**TH250**

## Overhead Concealed Closers

Overhead Concealed Closers are supplied complete with top arm, bottom pivot, and mounting clips for either offset hung doors or center hung doors. These closers are non-handed, have adjustable closing and latching speeds, 90 or 105 degree swing with backcheck, and come in hold or non-hold open models.

## Thresholds

Thresholds are available in sizes ranging from 4-3/4" to 9" (120.7 to 229 mm), and are available prepared for butt hinge, offset pivot, center pivot, and floor closer conditions.





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#### Los Angeles, CA

2450 E. Vernon Ave.  
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Dallas, TX 75247-6713  
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Fax: (214) 638-3299

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Houston, TX 77040-4949  
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Fax: (713) 462-1680

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200 Singleton Dr.  
Waxahachie, TX 75165-5094  
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Fax: (972) 937-0405

#### Chicago, IL

6969 W. 73rd St.  
Chicago, IL 60638-6092  
Phone: (708) 458-9070  
Fax: (708) 458-7364

#### St. Louis, MO

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Maryland Heights, MO 63043-3437  
Phone: (314) 997-5112  
Fax: (314) 997-7504

#### Langley, BC (Vancouver Area)

5377 272nd St.  
Langley, BC V4W 1P1 Canada  
Phone: (604) 857-7766  
Fax: (604) 857-1377

#### Atlanta, GA

5530 Westpark Drive SW  
Atlanta, GA 30336-2645  
Phone: (404) 344-3468  
Fax: (404) 344-3412

#### Rock Hill, SC (Charlotte, NC Area)

720 Celriver Rd.  
Rock Hill, SC 29730-8937  
Phone: (803) 366-8326  
Fax: (803) 366-5776

#### Davenport, FL (Orlando Area)

45150 US Highway 27 North, Suite D  
Davenport, FL 33897-4512  
Phone: (863) 424-4700  
Fax: (863) 424-4646

#### Miami, FL (Formerly Delta Doors)

7500 N.W. 69th Ave.  
Miami, FL 33166-2543  
Phone: (305) 888-0077  
Fax: (305) 884-3111

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