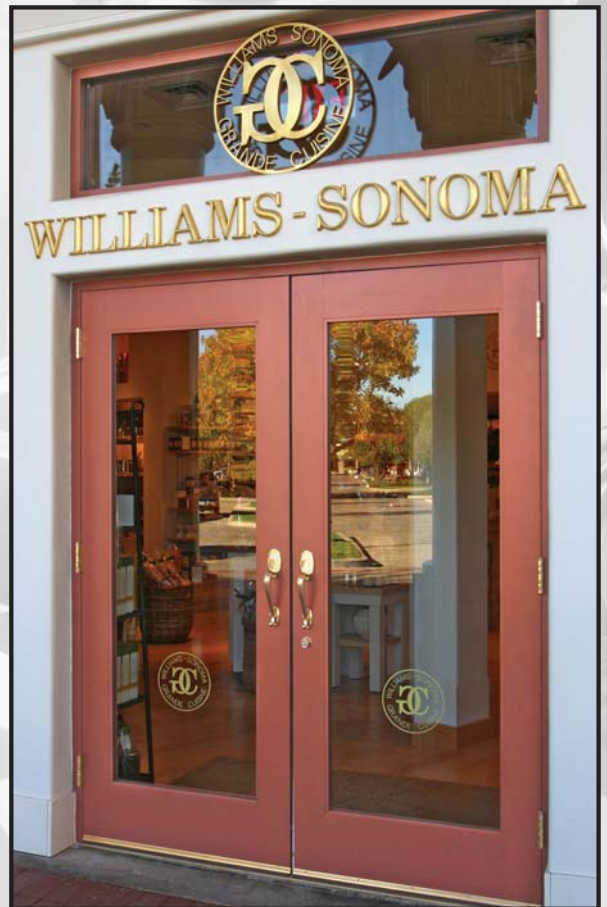


ENTRANCE HARDWARE



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 two-year warranty. These entrances can easily accommodate a wide variety of custom hardware for specific job requirements.



Series 250 Entrance with Champagne hardware



Series 400 Entrance with Mid Panel Exit Device



Series 400 Entrance with standard exit device



Series 550 Entrance with clear hardware and 10" ADA bottom rail

Features	Series 250 Narrow Stile	Series 400 Medium Stile	Series 550 Wide Stile	Series 800 Durafront	Series 850 Durafront	* 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.

PUSH/PULL HARDWARE

Astral II

Pull Handles

Our radius pull handles are made from solid aluminum with a 9" centerline attachment. These 1" diameter handles are available in clear, bronze and champagne anodized finishes. Offset and straight pulls have a 2 1/2" projection.



PR022
[Not recommended for
double acting doors or
panic doors.]



PR032
Champagne



PR032
Clear



Champagne anodized
Standard push bar



Clear anodized

PR033 is for double acting doors
PR034 is for offset hung doors
PR031 is optional and has a 2 1/2" projection at both ends

Push Bars

Our radius push bars are made from 1" diameter solid aluminum with a 2 1/2" projection at lock stile. These bars are available in clear, bronze and champagne anodized finishes.

LOCKING HARDWARE



DH004



DH044



DH037



LI001



LI002

Cylinder Guards

Cylinder guards help prevent tampering of cylinders.

Cylinders

Our standard cylinders are 1 5/32" diameter with 5 pin tumblers with Schlage keyways. We offer a Rim (DH043) and dummy (DH011) cylinders also. Thumb turn cylinders allow locking/unlocking from the inside without the use of a key.

Lock Indicators

Lock indicators are an easy way to identify if a door is locked or unlocked from a distance.



Flush Bolts

These flush bolts are manually operated and are standard on the inactive leaf of pairs of doors.

DH008
DH052 Durafront

DH084
Standard
Faceplate



DH029



DH569

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.



Dead Latch

Paddles/Handles

This type of latch allows doors to be locked at all times from the exterior but unlocked from the interior providing a more secure area. Requires DH002 latchlock.



DH160

DH002

Latch Locks

Flexibility of traffic control is their main function. These locks allow two way traffic for buildings which require free entrance at certain times and exit only at other times. Various strike plates available.



MS Locks

Our hook bolt locks have steel cases and a laminated stainless steel hook bolt for maximum security. They have a 1 1/8" backset available as 1, 2 or 3 locking points.



DH021

HINGING HARDWARE

DH009



DH799
includes
screws

Butt Hinges

Our standard butt hinge is a 4 1/2" x 4" brass with stainless steel pin, five knuckles, ball bearing type with rounded corners. Non removable pin type is available (DH199).

DH719
includes
screws



DH119

Continuous Gear Hinges

The continuous geared hinge extends 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 5" x 4 1/2" brass with stainless steel pin, five knuckle, heavy duty with rounded corners ball bearing type. Available in clear, bronze or black painted finish.

Top Pivot
Frame Portion



D-062

D-063

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.



D-066

Bottom Pivot
Door Portion

Can be ordered
as sets

Bottom Pivot
Frame Portion

D-067
(handed)



DH022
Intermediate
Pivot



DH140

Durafront
Intermediate
Pivot



DH142

Durafront
Bottom Pivot

PANIC DEVICES

Concealed Rod Exit Device

Our standard concealed rod panic 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 exit device features a 3/4" 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, field reversible, grade 1 classification and easy rod adjustment. The height of the panel is 5 1/8" including glass stops.



DH346 for Single or pairs
DH309 for dummy push panel

See Pricing Manual for more options.

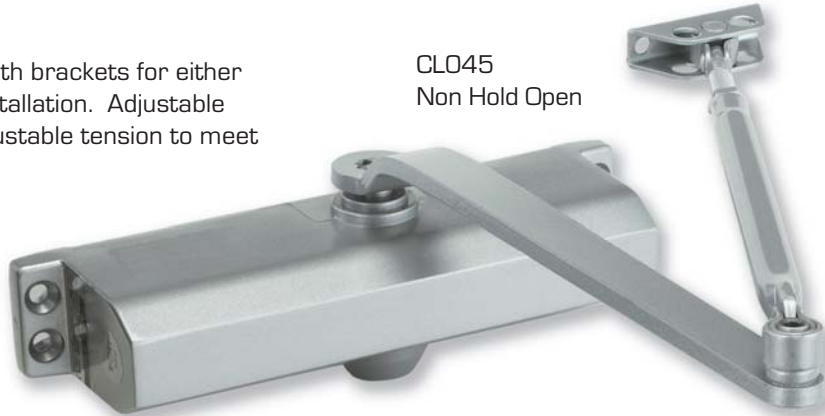
CLOSERS/THRESHOLDS

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 requirements.

Available in clear, bronze or black paint.

CLO45
Non Hold Open



Arm for center hung doors



Arm for offset hung doors



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 hold or non-hold open.

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). The overall dimensions are 1/8" W x 13 7/16" L x 2 3/8" D.



TH250

Threshold

Thresholds are available in sizes ranging from 4 3/4" to 7" and are available prepared for butt hinge, offset pivot, center pivot and floor closer conditions.

See Pricing Manual for more options.



MANUFACTURING FACILITIES +

California
3663 Bandini Boulevard
Vernon, California 90023
Tel. 323.268.4230, 800.766.6063
Fax 800.866.6063

Illinois
6969 West 73rd Street
Chicago, Illinois 60638
Tel. 708.458.9070, 800.323.8480
Fax 800.323.8060

Texas
200 Singleton Drive
Waxahachie, Texas 75165
Tel. 972.937.9651, 800.627.6440
Fax 800.289.6440

Carolina
720 Cel-River Road
Rock Hill, South Carolina 29730
Tel. 803.366.8326, 800.462.5668
Fax 800.841.8722

British Columbia
5377 272nd Street
Langley, British Columbia V4W 1P1
Tel. 604.857.7766, 888.889.3899
Fax 604.857.1377

Ontario
450 Southgate Drive
Guelph, Ontario N1G 4P5
Tel. 800.796.6636, 519.763.2966
Fax 866.709.7030

SERVICE CENTERS ●

5000 Oakland Street
Denver, Colorado 80239
Tel. 303.371.8827 Fax 800.866.6063

4841 Lakawana Street
Dallas, Texas 75247
Tel. 214.638.8722 Fax 214.638.3299

5530 Westpark Drive, SW
Atlanta, Georgia 30336
Tel. 404.344.3468 Fax 404.344.3412

101 Wales Avenue, suite B
Avon, Massachusetts 02322
Tel. 508.586.8808 Fax 508.586.5032

45150 US Hwy 27 N, suite D
Davenport, Florida 33897
Tel. 863.424.4700 Fax 863.424.4646

5910 West by Northwest S-300
Houston, Texas 77040
Tel. 713.462.1766 Fax 713.462.1680

8325 Patuxent Range Road
Jessup, Maryland 20794
Tel. 301.483.6406 Fax 301.483.6413

825 N. 73rd Ave
Phoenix, Arizona 85043
Tel. 623.936.6170 Fax 623.936.6718

11621 Fairgrove Industrial Boulevard
St. Louis, Missouri 63043
Tel. 314.997.5112 Fax 314.997.7504

13106 Waco Court
Livonia, Michigan 48150
Tel. 734.542.9356 Fax 734.542.9268

United States Aluminum offers a full range of aluminum entrance doors, storefronts, curtain walls, ribbon windows, windows and storm & blast resistant systems. The quality, performance and aesthetic beauty of our products permit architects and designers to fully utilize the unique structural properties of aluminum for both interior and exterior design. Finishes range from custom matched painted coatings to a wide selection of clear, bronze or black anodic finishes.

Our engineering staff constantly update product designs to satisfy the performance requirements and economic concerns of today's most demanding projects. After design, certified independent research labs test our systems to the highest industry standards. **Our number-one priority is to produce competitively priced, high-quality products delivered on time.** The successful realization of this goal is one reason United States Aluminum has been one of the most respected names in the industry since 1960.