

**Region:** 5

**Location:** VA049

**CSS #:** 30523

**Maximo Work Order No.:** 14175

**Asset #:** NA

**Date Issued:** 06/15/21

**Original Description:** The double doors on the back of the building are very worn and rusting. Need to be replaced with the cypher lock.

**Repairs Needed:**

S&S proposes to remove and replace double entry doors and replace with new steel doors, window kits, closers, new entry handles , door protectant (interior stainless) sweeps, and threshold. Doors and frames will be primed and painted to the customer's choice of color. We will reinstall the interior panic exit device that will be reconnected to the existing key pad entry system.

**RS Means Line Buildup and Labor Summary (Data Version 2017, Q4):**

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
--	NA	Motor	--	--	\$4,707.41	--	\$4,707.41
--	NA	SS Diagnostic	5	\$100.00	--	--	\$500.00
--	NA	SS Labor	64	\$80.00	--	--	\$5,120.00
--	NA	TW Coordination	4	\$80.00	--	--	\$320.00

**Estimate Summary:**

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
73	\$5,940.00	\$4,707.41		\$10,647.41	106%	<b>\$11,286.25</b>



# S&S MECHANICAL

**S&S Mechanical**  
4831 South Crain Highway  
Upper Marlboro, MD 20772

Tel. 1 - (301) 574-1555  
Fax. 1 - (301) 574-1558  
www.sandsmidatlantic.com

## CUSTOMER QUOTATION NO. 643

Tidewater, Inc.  
Tidewater, Inc  
6625 Selnick Dr.  
Suite A  
Elkridge MD 21075

**Quote Name:** 14175  
**Quote No:** 643  
**Site:** VA049  
**Site Contact:**  
**Salesperson:** Lindsay Ruby  
**Created Date:** 06/15/2021  
**Valid For:** 30 Day(s)

**WO#: 14175**

**CSS Ticket Number: 30523**

**Problem:** The double doors on the back of the building are very worn and rusting need to be replaced. Need to be replaced with the cypher lock.

S&S proposes to remove and replace double entry doors and replace with new steel doors, window kits, closers, new entry handles, door protectant (interior stainless) sweeps, and threshold. Doors and frames will be primed and painted to the customer's choice of color. We will reinstall the interior panic exit device that will be reconnected to the existing key pad entry system.

### Service

Item	Quantity	Unit Price	Total
American Door Estimate	1.00	\$3,954.41	\$3,954.41
Paint	1.00	\$138.00	\$138.00
Stainless (Shop materials)	1.00	\$315.00	\$315.00
Shipping	1.00	\$300.00	\$300.00
Diagnosis Fee	1	\$500.00	\$500.00
General Maintenance Labor Rate	64	\$80.00	\$5,120.00
<b>Sub-Total ex Tax</b>			\$10,327.41
<b>Tax</b>			\$0.00
<b>Total inc Tax</b>			\$10,327.41

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<b>Labor</b>	\$5,620.00
<b>Materials</b>	\$4,707.41
<b>Sub-Total ex Tax</b>	\$10,327.41
<b>Tax</b>	\$0.00
<b>Total inc Tax</b>	\$10,327.41

# AMERICAN DOOR CO

5016 COOK RD, BELTSVILLE, MD, 20705 Tel: 301-937-9510 FAX: 301-937-0074

## QUOTATION

REVIEW THIS QUOTE CAREFULLY, AS WE WILL  
FURNISH ONLY THOSE ITEMS INCLUDED HEREIN

Quotation No : 145918  
Date : 08 JUN 2021  
Account : 50  
Page No. : 1

Customer:  
CASH ACCOUNT  
DEPOSIT REQUIRED ON ALL  
ORDERS BEFORE PROCESSING

Ship to:  
S&S MECHANICAL  
JOB: VA49  
LINDSEY 301-574-1555  
CUSTOMER PICKUP

Salesperson : 10      Freight :      Terms : Cash Only  
Ship Via : CUSTOMER PICK UP

Qty	Description	Unit Price	Extension
2	HMD H18-4 CRS F 3072 (MP )		
	NET DOOR HEIGHT 85-1/4"		
2	Filler Plate EF-86 PC		
2	22X30 MET VIS TEMPERED GLASS & INST MD		
2	Continuous Hinge 780-210 95 CLR		
2	SARGENT EXIT DUMMY PULL TRIM 810 PTB 32D		
2	LCN CLOSERS 4040XP-HCUSH AL		
2	Floor Stop FS439 US26D		
1	THRESHOLD 1013 72"		
2	Door Sweep 102 VA X 36" US28		
REUSE EXISTING EXIT DEVICES, WEATHERSTRIP, ASTRAGAL			
Product Sub-total			3,295.34
MARYLAND @6.000%			197.72
Total			3,493.06

The above prices are quoted subject to acceptance within 30 days and credit approval by an officer of our company. State and local taxes are not included unless specifically noted. Material will be billed proportionately as shipped. Full amount of invoice due when rendered--retainage not acceptable. On shipments made by common carrier consigned to the customer, all claims for damages in transit must be filed by consignee. We do not include cost of unloading, storage or protection of material at jobsite.



Search



BEHR PRO >

5 gal. e600 White Satin Enamel Exterior Paint

★★★★★ (782)



Upper Marlboro



3 in stock

Aisle: 46 Bay: 013

Text to Me



Store Map



Save to Favorites

Sheen: **Satin**

Flat/Matte

**Satin**

Semi-Gloss

Container Size: **5 Gallon**

1 Gallon

**5 Gallon**

\$115<sup>00</sup>

Save up to \$100 on your qualifying purchase





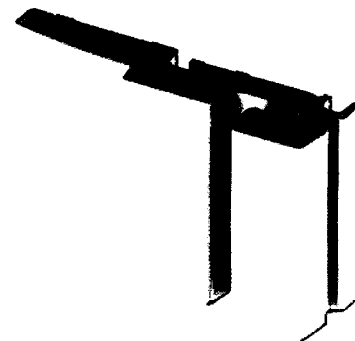


## 780-210

### Standard Duty Full Surface Hinge

#### Application:

- Can be used with any door and frame material
- Security moldings
- 1/32" (1 mm) inset



## PRODUCT SPECIFICATIONS

#### CLEARANCE:

- 1/32" (1 mm) minimum recommended for hinge side
- Plus standard lockside clearance
- 1-5/8" (41 mm) minimum frame face required plus 3/16" (5 mm) rotational clearance

#### FASTENERS:

- 1/4-20 x 1-1/4" Sexbolt (Screw + Post)
- #12-24 X 1/16" Flat Head Self-Drill Screws

#### LENGTH OPTIONS:

- Standard and Custom

#### DOOR REINFORCEMENT:

- None required

#### FRAME REINFORCEMENT:

- None required to 200 lbs. Heavier weigh use 16-gauge channel.

#### FIRE RATING:

- Up to 3 hr. metal and 90 min. wood composite (with studs)

#### WARRANTY:

- All Roton products have a lifetime warranty. When ordering electric Roton, the electric portion of the hinge has a one-year warranty.

#### MATERIAL:

- Aluminum 6063-T6

#### REPLACEMENT MOLDINGS:

- 780-210M
- Replacement door leaf molding for 780-210 - Furnished with Allen head set screw and wrench
- Shipped in standard lengths for trimming in the field

#### OPTIONS:

- Hospital Tip

#### EPD:

- [Roton Continuous Hinges Environmental Product Declaration](#)

## PRODUCT SIZE OPTIONS

LENGTH (INCHES)	LENGTH (MM)	SEX BOLTS (DOOR)	PAN HEAD (DOOR)	SCREWS (JAMB)
79	2007	8	17	17
83	2108	8	19	19
95	2413	10	19	19

# 8700 Functions and Trims

## 80 Series

**SARGENT**  
**ASSA ABLOY**

**How to order:** Options F1-83- Series 87 Function 13 Rail Lgth F Trim ETL Hand RHR Outside Finish 32D Inside Finish 108 Door Width 36" Door Height 84" AFF 41"

### 700 Series ET Trim



Exits with ET Trim, specify lever design after the ET designation (e.g., ETL)

### Lever Designs for ET Controls

A, B, E, F, J, L, P, W  
Also available with Coastal Series & Studio Collection Levers

### ET Designation with Suffix (Used to order ET without device)

8700 Series: 706, 710, 713, 715, 740, 743, 744, 746, 773 & 774

### Freewheeling Trim

The lever rotates when the door is locked preventing excessive force from being applied to the horizontal lever

### Electrified ET Trim

Voltage must be specified for the following functions: 73 and 74.  
Specify: 12VDC or 24VDC

**SARGENT**  
Function  
Numbers

**ANSI**  
Function  
Numbers

### Description & Cylinder Info. (1-3/4" Door)

**ANSI Type 2**  
**8700**  
**Panic & Fire**

**Options**  
**8700**

06

09

Key unlocks Trim, Trim retracts latch/  
Trim relocks when key is removed  
#41 Cylinder Supplied

8706 x ET\_

10

01

No outside operation (No Cylinder)\*

8710

10

02

No outside operation (No Cylinder)\*  
ET Control is used as Pull Only

8710 x ET\_

13

08

Key Outside Unlocks/locks Trim  
#41 Cylinder Supplied

8713 x ET\_

15

14

Passage Only (No cylinder)

8715 x ET\_

40

02

Freewheeling Trim -  
No outside Operation (No Cylinder)\* Dummy Trim

8740 x ET\_

43

08

Freewheeling Trim -  
Key Outside Unlocks/locks Trim  
#41 Cylinder Supplied

8743 x ET\_

46

09

Freewheeling Trim -  
Key unlocks Trim, Trim retracts latch/  
relocks when key is removed #41 Cylinder Supplied

8746 x ET\_

73

Electrified ET Trim - Fail Safe  
Power Off, Unlocks Lever (No Cylinder)\*

8773 x ET\_

74

Electrified ET Trim - Fail Secure  
Power Off, Locks Lever (No Cylinder)\*

8774 x ET\_

**Note:** Exit devices are available in all standard finishes, except 14, 15, 26 & 26D. With these finishes, exit devices are supplied in 32 or 32D to match accordingly. 32 or 32D is automatically supplied when 26 or 26D is specified. For nickel finishes, specify 14/32 or 15/32D to receive nickel finished trims and stainless exit devices.

**Note:** AFF means Above Finished Floor, center line of rail Above Finished Floor

\* Cylinder Override is available with a 306 Aux Control

Example Order: 8773F 12V x ETMG x 306 x RHR x 32D x 36" w x 84" h

### Mechanical Options:

12-

14-

16-

19-

31-

36-

37-

43-

53-

54-

55-

56-

56-HK-

57-

58-

59-

BC-59-

76-

85-

86-

87-

AL-

BT-

CPC-

LD-

PL-

SG-

TB-

TL-

### Cylinder Options:

10-

10-21-

10-63-

11-

11-21-

11-60-

11-63-

11-64-

11-70-7P-

11-72-7P-

11-73-7P-

11-65-73-7P-

21-

22-

51-

52-

60-

63-

64-

70-

72-

73-

65-73-

65-73-7P-

73-7P-

81-

82-

F1-82-

83-

F1-83-

84-

BR-

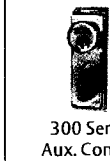
LC-

SC-

SE-

### 300 Series++

### Auxiliary Control & 862 Pull



300 Series  
Aux. Control



862 Pull

**SARGENT**  
Function  
Numbers

**ANSI**  
Function  
Numbers

### Description & Cylinder Info. (1-3/4" Door)

**8700**  
**Panic & Fire**

06

12

Key unlocks Turn; Turn retracts latch/  
Turn relocks when key is removed  
#41 Cylinder Supplied

8710 x 306

10

02

862 Pull Only  
(Optional Pulls: 863 & 864)

8710 x 862

13

11

Key Outside Unlocks/locks Turn  
#41 Cylinder Supplied

8710 x 313

**Note:** When ordering 8700 Series Exit Device x 300 Series Aux. Control, specify 10 Function for the exit. Example: 8710F x 306 x RHR x 32D x 42" x 90"

### Pull & Thumbpiece Trim Section

### Trim Designations

- Use three letter designations (Ex "PTB") when ordering the Exit Device with trim
- Use the six digit designation (Ex "866-MAL") when ordering trim without an Exit Device, always specify finish

*No cylinder*

**SARGENT**  
Function  
Numbers

**ANSI**  
Function  
Numbers

### Description & Cylinder Info: (1-3/4" Door)

Pull Only  
(No Cylinder)\*

810-FLL

810-FLW

810-MAL

810-PTB

810-ST5

Passage Only  
(No cylinder)

828-FLL

828-FLW

828-MAL

828-PTB

828-ST5

Key unlocks Thumbpiece,  
Thumbpiece retracts latch/  
Thumbpiece relocks when key is  
removed #34 Cylinder Supplied

866-FLL

866-FLW

866-MAL

866-PTB

866-ST5

Key Outside Unlocks/  
locks Thumbpiece  
#34 Cylinder Supplied

866-FLL

866-FLW

866-MAL

866-PTB

866-ST5



8700  
Panic & Fire

8710 x Trim

Designation

8728 x Trim

Designation

8762 x Trim

Designation

8763 x Trim

Designation

\* Only available with  
15, 26D and 32D  
finishes

### Available Finishes

**SARGENT**  
Finishes

**BHMA**  
Finishes

03 605

04 606

09 611

10 612

10B 613

10BE 613E

10BL 613L

14 618

15 619

20D 624

26 625

26D 626

32 629

32D 630

BSP

WSP

\* Cylinder Override is available with a 306 Aux Control.

**Note:** Thumbpiece trims for 62 and 63 function devices are identical and are identified as 66 function when trim is ordered separately.

**Note:** FLW trim is not available in 32(629) or 32D(630).

**Note:** Pulls and thumb piece trims are not available in 14, 15, 26 or 26D.

Experience a safer  
and more open world

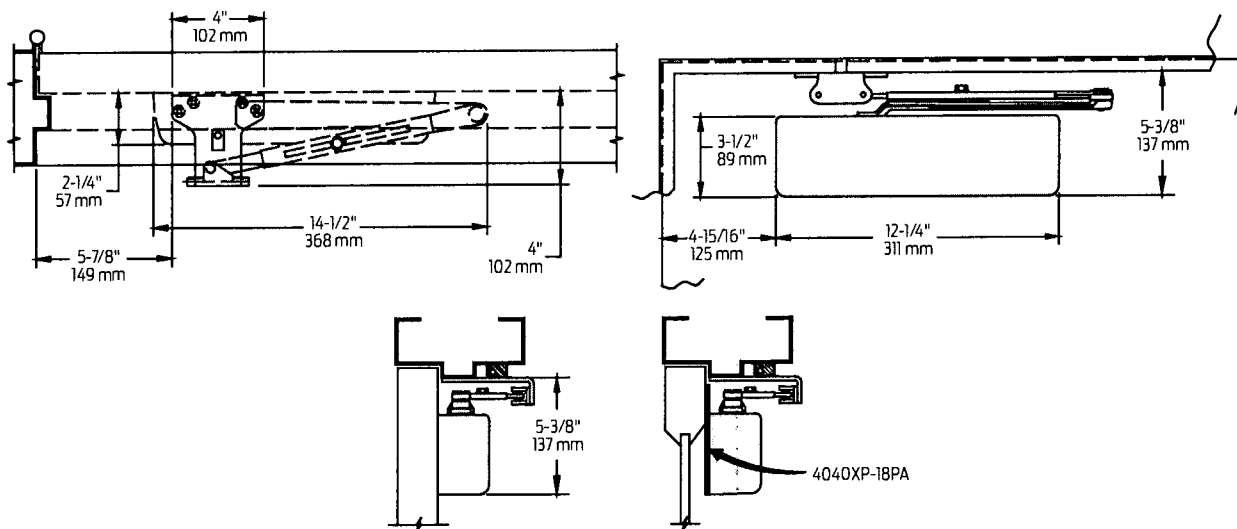
1-800-727-5477 • [www.sargentlock.com](http://www.sargentlock.com)

15

# 4040XP Series

## Mounting details

### Parallel Arm (Push Side) Mounting



<b>Butt Hinges</b>	Should not exceed 5" (127 mm) in width
<b>Auxiliary Stop</b>	Recommended at hold-open point, where the door cannot swing 180°, or where CUSH-N-STOP arm is not used
<b>Reveal</b>	Should not exceed 7/32" (6 mm)
<b>Top Rail</b>	Less than 5-3/8" (137 mm) measured from the stop requires PLATE, 4040XP-18PA. Plate requires 2" (51 mm) minimum from the stop
<b>Head Frame</b>	Flush or rabbeted requires PA SHOE ADAPTER, 4040XP-419
<b>Stop Width</b>	Minimum 1" (25 mm). CUSH arm requires minimum 1-1/2" (38 mm)
<b>Blade Stop</b>	Clearance requires 1/2" (13mm) BLADE STOP SPACER, 4040XP-61.
<b>Clearance</b>	<ul style="list-style-type: none"> <li>4040XP-62PA shoe is 4" (102 mm) from door face.</li> <li>EDA shoe projects 5-1/2" (140 mm) from door face.</li> <li>CUSH shoe projects 6" (152 mm) from door face</li> </ul>
<b>Delayed Action</b>	<ul style="list-style-type: none"> <li>Incorporates standard 4041 cylinder, without XP cylinder</li> <li>Delays closing from 120° to 70°.</li> <li>Delay time adjustable up to approximately 1 minute.</li> </ul>
<b>Maximum Opening</b>	<ul style="list-style-type: none"> <li>180° opening/hold-open points with all except CUSH arms</li> <li>110° opening/hold-open with CUSH arms</li> </ul>

#### Notes:

- Optional mounting requires PA SHOE, 4040XP-62PA for regular or HOLD-OPEN arms
- Add prefix "P" to closer description (eg. P4040XP)
- P4040XP closer includes 4040XP-201 FIFTH HOLE SPACER to support PA SHOE



## Arms



**4040XP-3077**  
Regular Arm

- Non-handed
- Mounts pull side or top jamb with shallow reveal P4041 closer includes PA SHOE, 4040XP-62PA required for parallel arm mounting



**4040XP-3077L**  
Long Arm

- Non-handed
- Includes LONG ROD AND SHOE, 4040XP-79LR for top jamb mount
- Optional



**4040XP-3077ELR**  
Extra Long Arm

- Non-handed
- Includes EXTRA LONG ROD AND SHOE, 4040XP-79ELR for top jamb mount with deep reveal
- Optional



**4040XP-3049**  
Hold-Open Arm

- Non-handed
- Mounts pull side or top jamb with shallow reveal, hold-open adjustable shoe
- 4040XP closer includes 4040XP-62PA shoe required for parallel arm mounting
- Optional



**4040XP-3049L**  
Long Hold-Open Arm

- Non-handed
- Includes LONG HEAD AND TUBE, 4040XP-3048L for top jamb mount
- Optional



**4040XP-3077EDA**  
Extra Duty Arm

- Non-handed
- Features forged, solid steel main and forearm for potentially abusive installations
- Optional



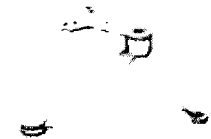
**4040XP-3049EDA**  
Hold-Open Extra Duty Arm

- Handed
- Parallel arm features forged, solid steel main and forearm for potentially abusive installations
- Hold-open function is adjusted at the shoe
- Optional



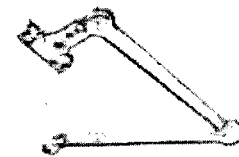
**4040XP-3077EDA/62G**  
Extra Duty Arm with 62G

- Non-handed
- Features forged, solid steel main and forearm for potentially abusive installations
- 62G shoe provides additional blade stop clearance
- Optional



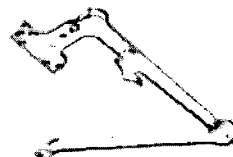
**4040XP-3049EDA/62G**  
Hold-Open Extra Duty Arm with 62G

- Handed
- Features forged, solid steel main and forearm for potentially abusive installations
- 62G shoe provides additional blade stop clearance. Hold-open function is adjusted at the shoe
- Optional



**4040XP-3077CNS**  
Cush-N-Stop® Arm

- Non-handed
- Features solid forged steel main arm and forearm with stop in soffit shoe.
- Optional



**4040XP-3049CNS**  
HCUSH Arm

- Non-handed
- Hold-open function with templated stop/hold-open points
- Handle controls hold-open function
- Optional



**4040XP-3077SCNS**  
Spring CUSH Arm

- Non-handed
- For abusive applications features solid forged steel main arm and forearm with spring loaded stop in the soffit shoe
- Optional



**4040XP-3049SCNS**  
Spring HCUSH Arm

- Non-handed
- For abusive applications features solid forged steel main arm and forearm with spring loaded stop in the soffit shoe
- Handle controls hold-open function
- Optional

**4040XP**  
**Series**

**Accessories**





## Vinyl Sweep 102V



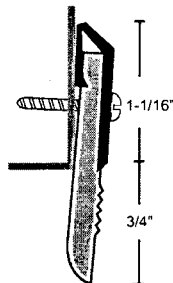
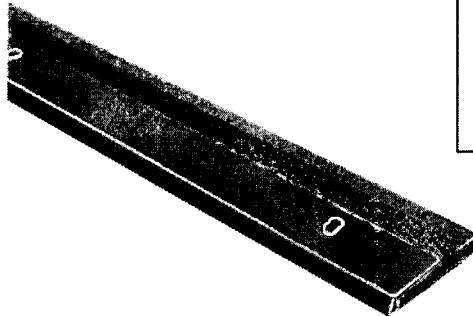
### Material

Aluminum alloy 6063, T5 temper  
Thermoplastic polymer: Polyvinyl Chloride (PVC) formulated with an environmentally friendly Bio-based plasticizer  
Vinyl is gray, \*DKB vinyl is black

- Economical
- Flame resistant
- Moisture resistant
- Temperature range 0°F to 140°F
- Oxidative degradation from age and exposure to Cold, Heat and UV causes hardening, loss of memory and resilience, cracking, crazing and discoloration
- #6 x 3/4" stainless steel sheet metal screws furnished
- Screw holes slotted for adjustment

### Finishes

102VA Anodized Aluminum  
102VB Gold  
102VDKB\* Dark Bronze



Project:

Submitted by:

Date:

Notes:





**National Guard Products, Inc.**

Phone: 800-647-7874

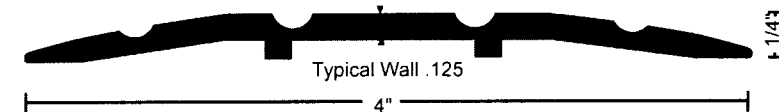
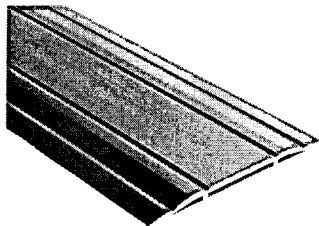
Fax: 800-255-7874

www.ngp.com

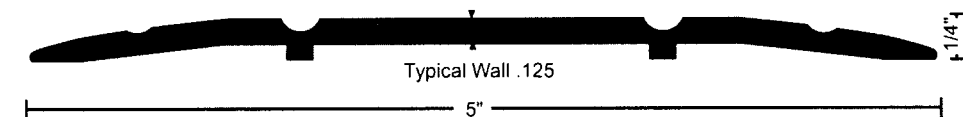
orders@ngp.com

## Saddle Thresholds

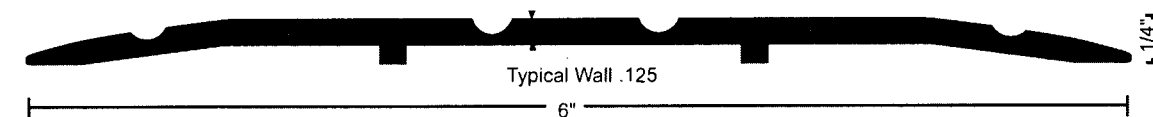
All thresholds this page



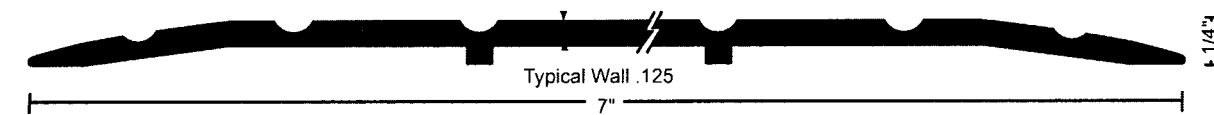
413 .53 lbs./ft.  
413DKB .53 lbs./ft.



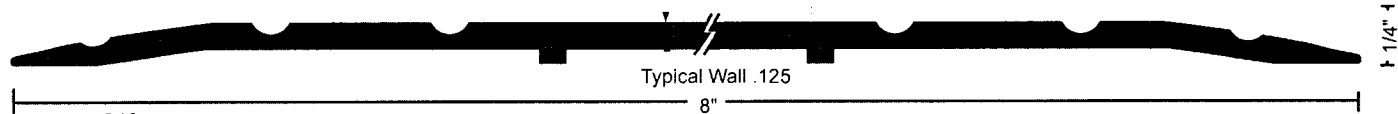
513 .68 lbs./ft.  
513DKB .68 lbs./ft.



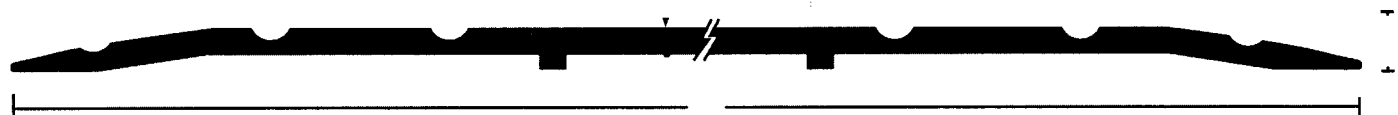
613 .88 lbs./ft.  
613DKB .88 lbs./ft.



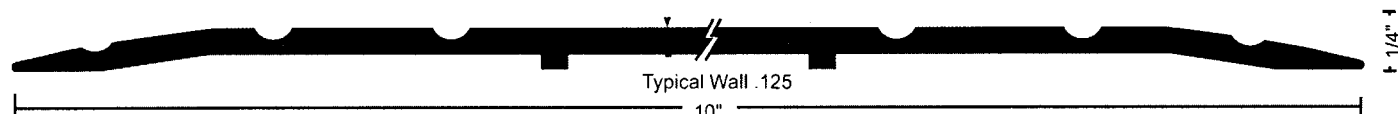
713 1.01 lbs./ft.  
713DKB 1.01 lbs./ft.



813 1.20 lbs./ft.  
813DKB 1.20 lbs./ft.



913 1.41 lbs./ft.  
913DKB 1.41 lbs./ft.



1013 1.63 lbs./ft.  
1013DKB 1.63 lbs./ft.

### MATERIALS & FINISHES

- Aluminum mill finish
- DKB - Aluminum dark bronze finish



- Optional: Slip Resistant SIA Finish

### FASTENERS

#10 x 1-1/2" FH zinc plated wood screws furnished. Dark bronze supplied with DKB thresholds.



**A**  
Hinges & Pivots

**B**  
Pulls & Plates

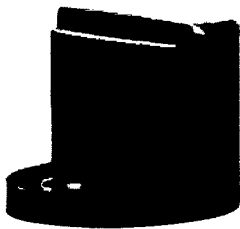
**C**  
Flush Bolts & Coordinators

**D**  
Latches, Catches & Bolts

**E4**  
Stops

**F**  
Exterior Hardware

**G**  
Miscellaneous Hardware



### FS439 Universal Dome Floor Stop

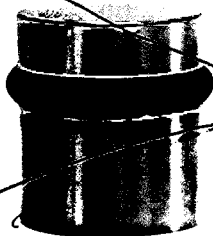
- High or Low-Rise Mount
- Zinc or Stainless Steel
- Spring-loaded Rubber Contact
- Replaceable Rubber Bumper

#### Dimensions

Overall Height: 1-1/2"  
Pad Height: 1-1/8"  
Base Height: 1/4"  
Base Diameter: 1-7/8"

#### Finishes

Ives Number	US3	US4	US10B	US26D	US32D
BHMA	677	678	704	682	630



### FS410 Decorative Floor Stop

- Non-directional
- Cast Brass Construction
- Replaceable Rubber Bumper

#### Dimensions

Overall Height: 1-1/2"  
Bumper Thickness: 1/4"  
Diameter: 1-1/4"

#### Finishes

Ives Number	US3	US26D
BHMA	605	626