



# SEALING SYSTEMS FOR DOORS AND WINDOWS

GASKETING • INTUMESCENT • THRESHOLDS • HINGES

## CONDENSED CATALOG

For a copy of our full product catalog, contact ZERO or access it on our website.

|   |   |                                      |   |
|---|---|--------------------------------------|---|
| Thresholds & Ramps .....                      | 2 | Meeting Stiles .....                 | 6 |
| Traction Tread Thresholds / Nosings .....     | 3 | Flood Barrier Shield for Doors ..... | 6 |
| Sill Protection / Automatic Door Bottoms..... | 4 | Sound Control Systems .....          | 7 |
| Head & Jamb Protection.....                   | 5 | Hinges, Lites & Louvers .....        | 8 |



SOUND



FIRE



ADA ACCESS



SMOKE



LIGHT



AIR



EMI SHIELDING

### MAIN OFFICE AND MANUFACTURING:

415 Concord Avenue, Bronx, New York, 10455-1004  
Voice: (718) 585-3230 • (800) 635-5335  
Fax: (718) 292-2243 • (800) 851-0000  
Web: [www.zerointernational.com](http://www.zerointernational.com)  
E-mail: [zero@zerointernational.com](mailto:zero@zerointernational.com)

### PRODUCT SPOTLIGHT

#### CHILD FINGER-GUARD

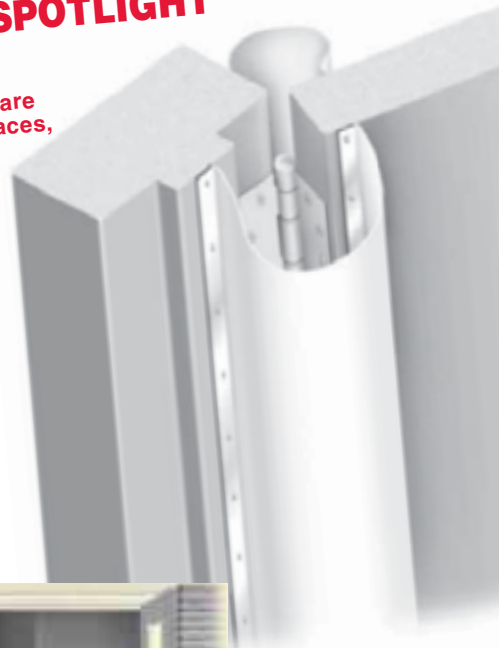
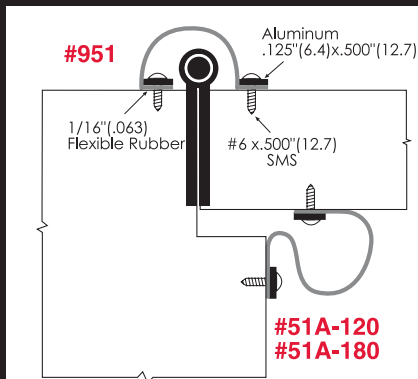
Hands and finger protection for **child-care facilities, schools, hospitals, workplaces, restaurants, hotels, public places.**

A commercial-quality maintenance-free product. Flexible, synthetic polyisoprene in gray color. Recent concern about ALLERGIC reactions promoted increased usage of more pure synthetic polyisoprene for this application.

**#51A-120 (6" wide)**  
For Door opening to 120°

**#51A-180 (8" wide)**  
For Door opening to 180°

**#951**  
Cover for mortise type hinges



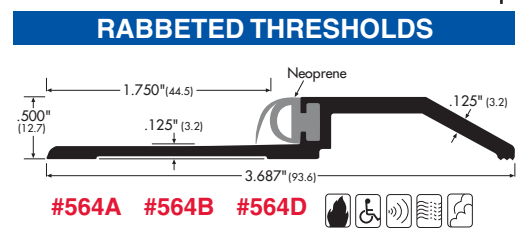
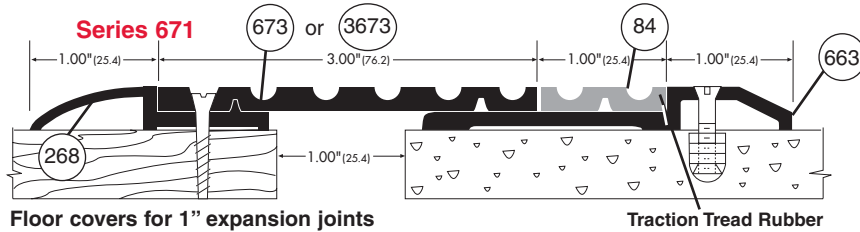
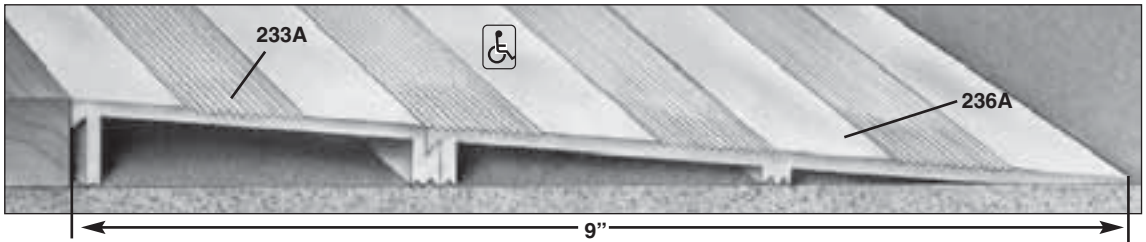
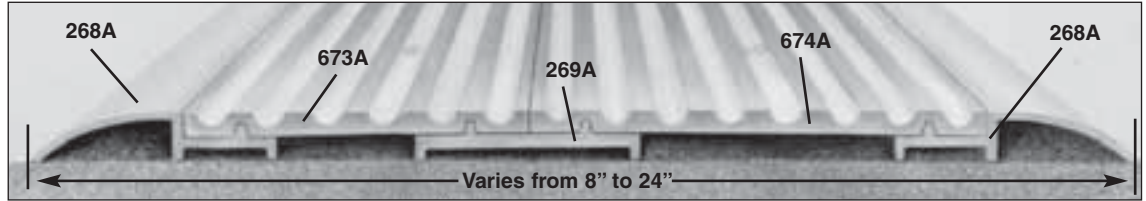
Complies with  
Child Care Center  
Design Guide  
(PBS-P140)



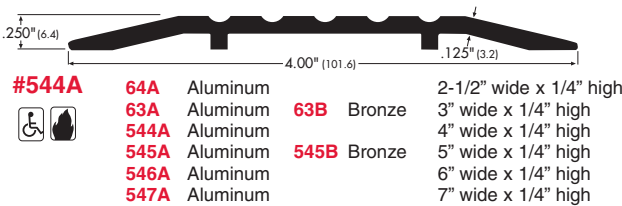
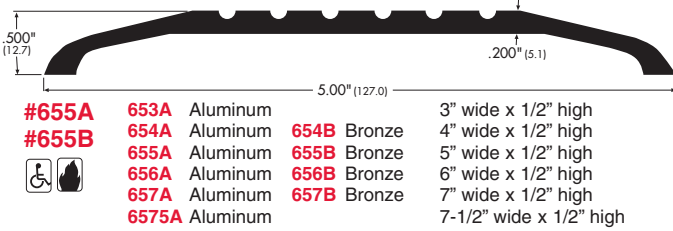
# Adjustable, Rabbeted, Utility, & Interlocking Thresholds & Ramps

Note: A = Aluminum  
B = Bronze

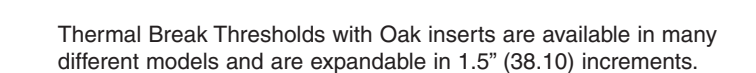
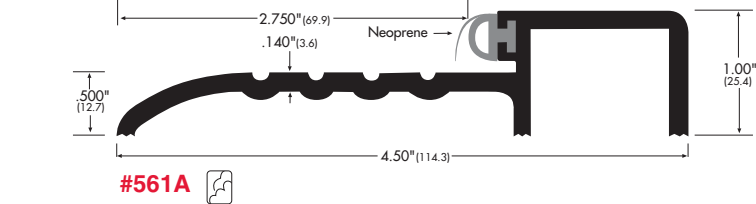
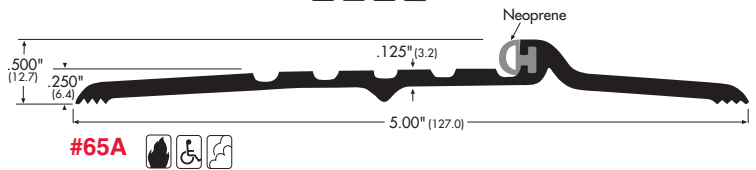
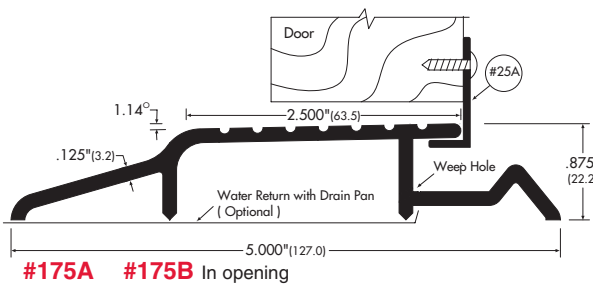
The full catalog contains 9 pages of thresholds and ramps for every type of installation. Utility, Thermal Break, Interlocking, Butt and Carpet divider. Available in Aluminum or Bronze, our in-stock selection is second to none.



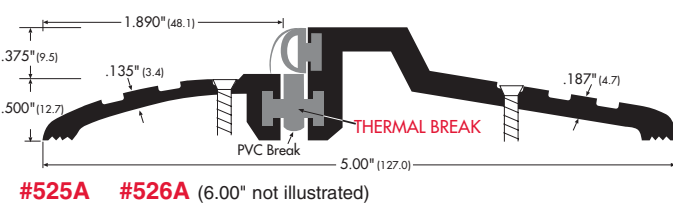
## UTILITY THRESHOLDS



## INTERLOCKING SADDLE



## THERMAL BREAK SADDLE



Thermal Break Thresholds with Oak inserts are available in many different models and are expandable in 1.5" (38.10) increments.



Note: A = Aluminum  
B = Bronze  
E = Epoxy  
L = Photoluminescent (Glow)

# Traction Tread Thresholds & Nosing—ADA



08 71 00.17/ZER  
BuyLine 0230

Traction Tread Thresholds and Nosings are available with a special epoxy abrasive (non-slip particles) bonded into the grooves or with our exclusive formulated rubber inserts.

**RUBBER TRACTION TREAD:** The ultimate safety surface. Smooth, tough rubber inserts that are flush with and wear at the same rate as the aluminum surface. The aluminum/rubber combination is easy to cut and drill at the jobsite. Superior non-slip traction with great longevity.

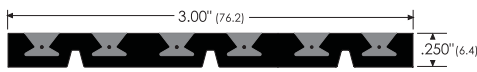
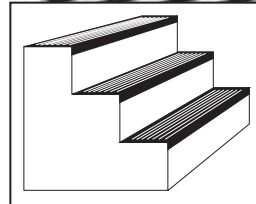
**ABRASIVE TRACTION TREAD:** An attractive, extremely durable surface that provides a high degree of safety. The epoxy abrasive particle mix is bonded to the aluminum base and is perfect for schools, hospitals, industrial buildings.

All items shown below can be ordered with rubber abrasive or glow abrasive inserts. For Traction Tread RUBBER use numbers below. For TRACTION TREAD EPOXY ABRASIVE add -E after the item number. Example: 3673A-E or 3673B-E For GLOW TRACTION TREAD add -L after the item number. Example: 3672 A-E-L

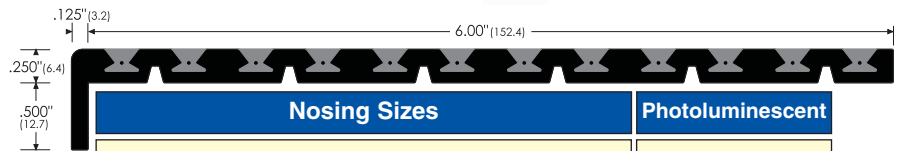


TRACTION TREAD provides a detectable warning for stairs and ramps.

Traction Tread™ Rubber or Epoxy Abrasive Tread or Glow Traction Tread™



| Available Tread Sizes |                  | Epoxy Abrasives | Photo-luminescent |
|-----------------------|------------------|-----------------|-------------------|
| 3672A                 | Aluminum 2" wide | 3672A-E         | 3672A-E-L         |
| 3672B                 | Bronze 2" wide   | 3672B-E         | 3672B-E-L         |
| 3673A                 | Aluminum 3" wide | 3673A-E         | 3673A-E-L         |
| 3673B                 | Bronze 3" wide   | 3673B-E         | 3673B-E-L         |
| 3674A                 | Aluminum 4" wide | 3674A-E         | 3674A-E-L         |
| 3674B                 | Bronze 4" wide   | 3674B-E         | 3674B-E-L         |
| 3675A                 | Aluminum 5" wide | 3675A-E         | 3675A-E-L         |
| 3675B                 | Bronze 5" wide   | 3675B-E         | 3675B-E-L         |
| 3676A                 | Aluminum 6" wide | 3676A-E         | 3676A-E-L         |
| 3676B                 | Bronze 6" wide   | 3676B-E         | 3676B-E-L         |



| Nosing Sizes |   |  | Photoluminescent |
|--------------|---|--|------------------|
| 2673A        | Aluminum 3" wide with Traction Tread Rubber |  | -                |
| 2673B        | Bronze 3" wide with Traction Tread Rubber   |  | -                |
| 2676A        | Aluminum 6" wide with Traction Tread Rubber |  | -                |
| 2673A-E      | Aluminum 3" wide with Epoxy Abrasive Tread  |  | 2673A-E-L        |
| 2673B-E      | Bronze 3" wide with Epoxy Abrasive Tread    |  | 2673B-E-L        |
| 2676A-E      | Aluminum 6" wide with Epoxy Abrasive Tread  |  | 2676A-E-L        |

### WHEEL CHAIR ACCESSIBLE SHOWER THRESHOLD

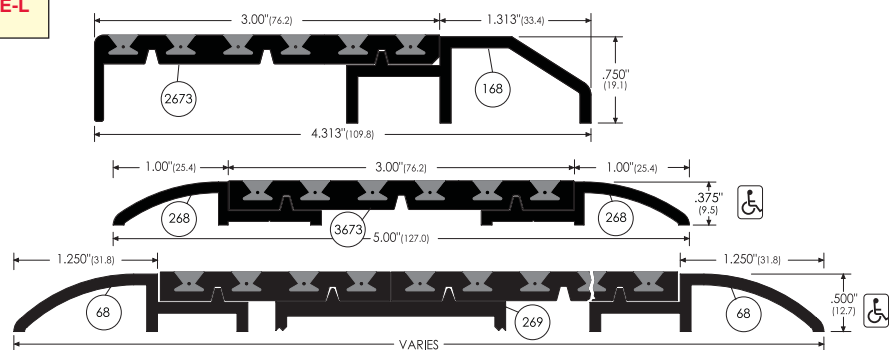
Designed for use when a shower must be accessible to a wheel chair. The Neoprene gasket will keep water in while allowing the wheel chair to pass over easily

#8452

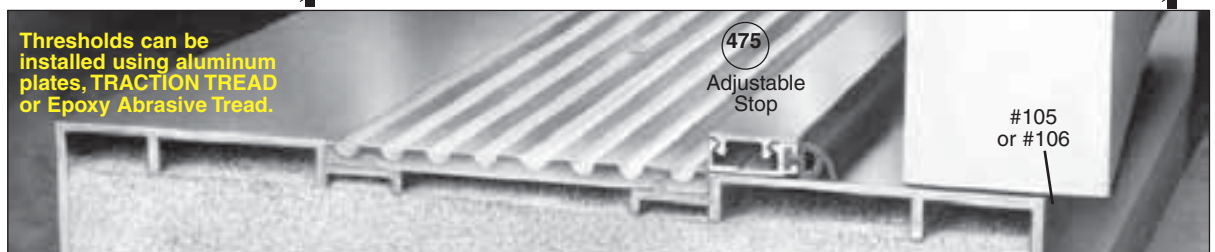
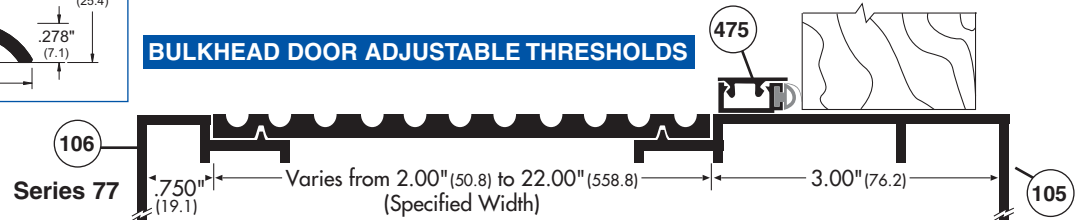
compresses neoprene for access

Solid Neoprene

### THRESHOLDS ASSEMBLIES



### BULKHEAD DOOR ADJUSTABLE THRESHOLDS



Thresholds can be installed using aluminum plates, TRACTION TREAD or Epoxy Abrasive Tread.

This brochure is a cross-section of ZERO's full line. FOR COMPLETE PAGE PRODUCT CATALOG, PRICE LIST & SPECIFICATION GUIDE, PLEASE CALL 1-800-635-5335. The catalog contains full-size drawings for more than 400 items — Thresholds & Nosings, Sill Protection, Head & Jamb Seals, Meeting Stiles, Sound Control Systems for Doors & Windows, plus Intumescent Systems for doors & windows and ADA access. ZERO'S CATALOG AND DRAWINGS ARE ALSO AVAILABLE ON OUR WEBSITE AT: [www.zerointernational.com](http://www.zerointernational.com)





# Sill Protection Automatic Door Bottoms

Note: A = Aluminum AA = Clear Anodized D = Dark Bronze Anodized  
G = Gold Anodized STST = Stainless Steel

## HIGH SOUND, AUTOMATIC DOOR BOTTOM

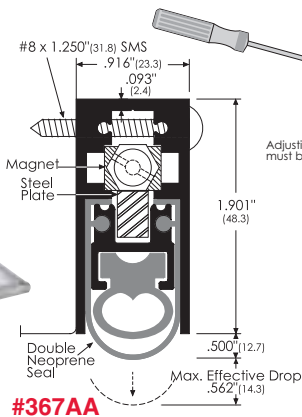
ZERO International has engineered its full line of Automatic Door Bottoms for optimal ease of installation and durability as well as superior performance, even under challenging conditions.

These units are designed with specialized features to ensure an effective seal at the bottom of the door against air and smoke filtration, or penetration by sound, light. ZERO Automatic Door Bottom

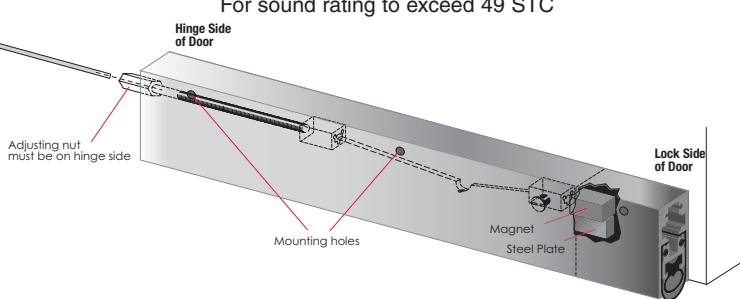
models utilize a concealed flat spring mechanism which activates when the door is closed to drop a neoprene seal insert firmly against the floor or saddle. Triggered by a hinge-side "plunger" that is compressed by the frame as the door closes, the spring bends downward, dropping the seal in a scissor-like motion from the hinge side and adjusting to the floor from a center pivoting point. This ensures a smooth drop without drag and a tight seal, even on an uneven floor.



Adjusting brass cylinder nut with optional plastic cushion



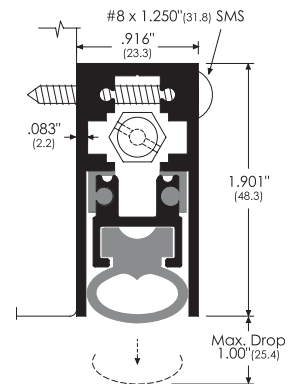
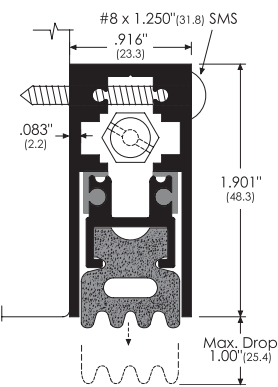
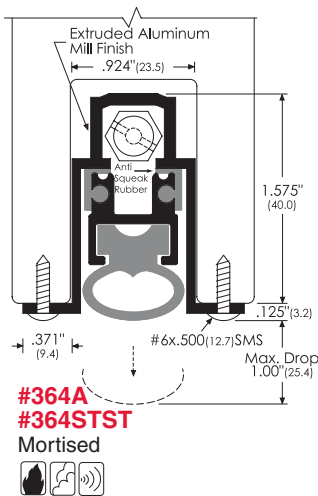
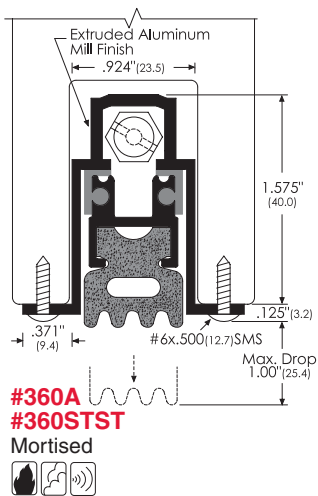
U.S. Patent #4947584. Foreign Patents Available.  
For sound rating to exceed 49 STC



Surface-Mounted #367AA, #367D, #367G  
Semi-Mortised #368AA, #368D, #368G  
Mortised #369

Can also be used with #950 Cam Lift Hinges. See page 8.

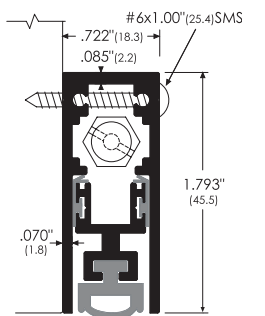
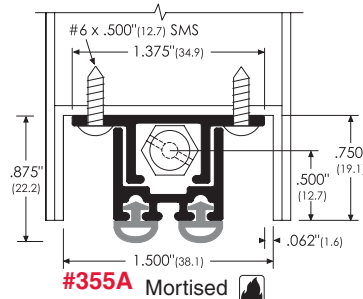
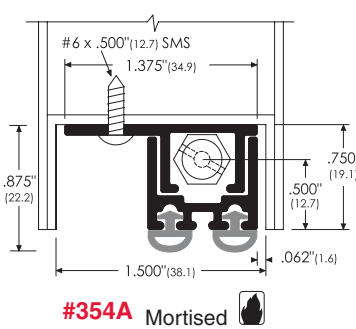
## HEAVY DUTY AUTOMATIC DOOR BOTTOMS



**#361AA** **#362AA**  
**#361D** **#362D**  
**#361G** **#362G**

**#365AA** **#366A**  
**#365D** **#366D**  
**#365G** **#366G**

## REGULAR DUTY AUTOMATIC DOOR BOTTOMS



Surface-Mounted Semi-Mortised  
**#351AA** **#352AA**  
**#351D** **#352D**

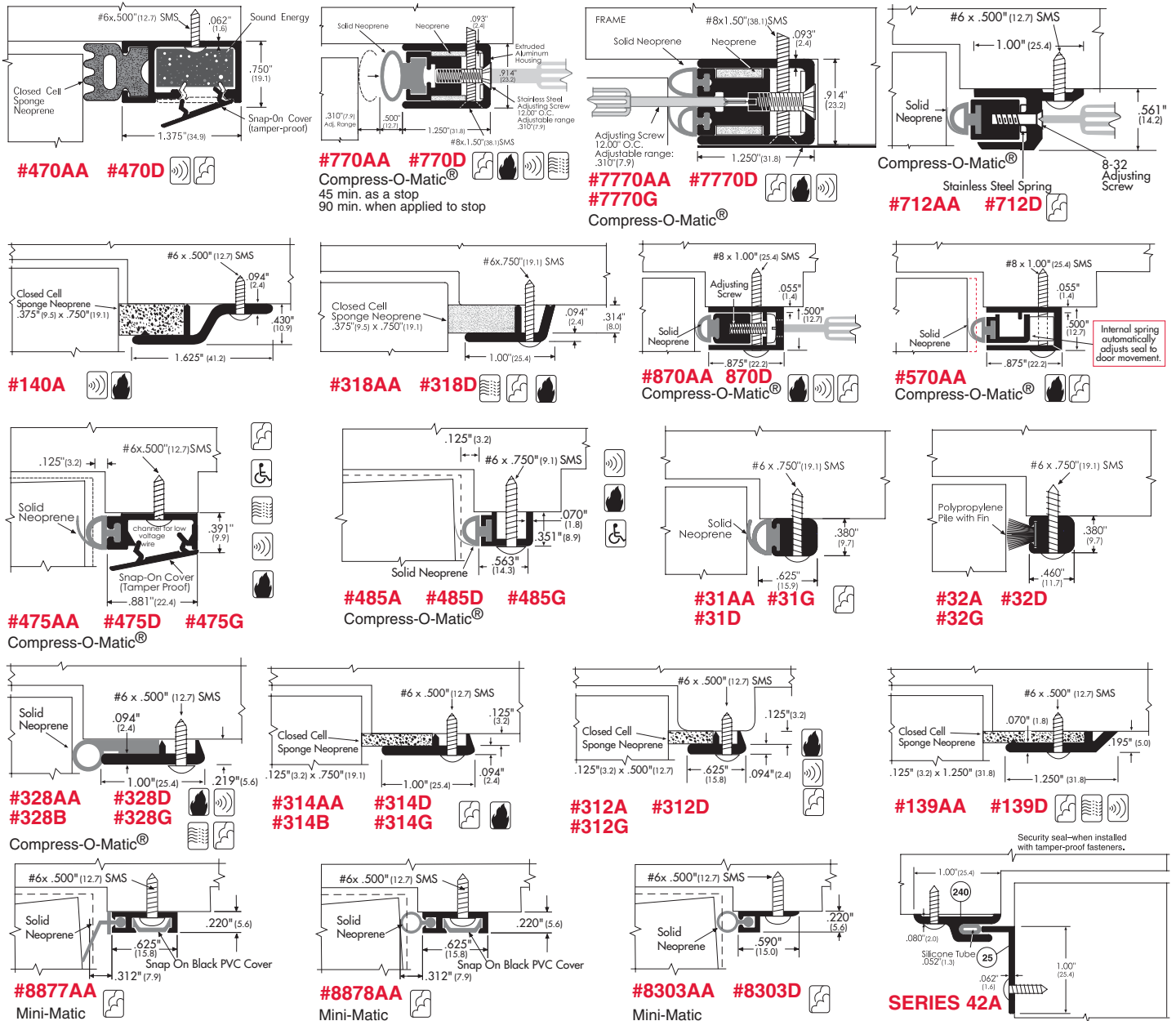
Used with lead-lined doors to ensure complete X-RAY protection. Also good for rodent control and is available in all regular duty surface-mounted, semi-mortised and mortised models. Maximum effective drop 1/4" (.250"). Use X after number to specify.

Note: A = Aluminum AA = Clear Anodized B = Bronze D = Dark Bronze  
 G = Gold Anodized N = Neoprene R = Rubber FS = Intumet® Rubber  
 S = Silicone S-Bk = Silicone - Black

# Head and Jamb Protection

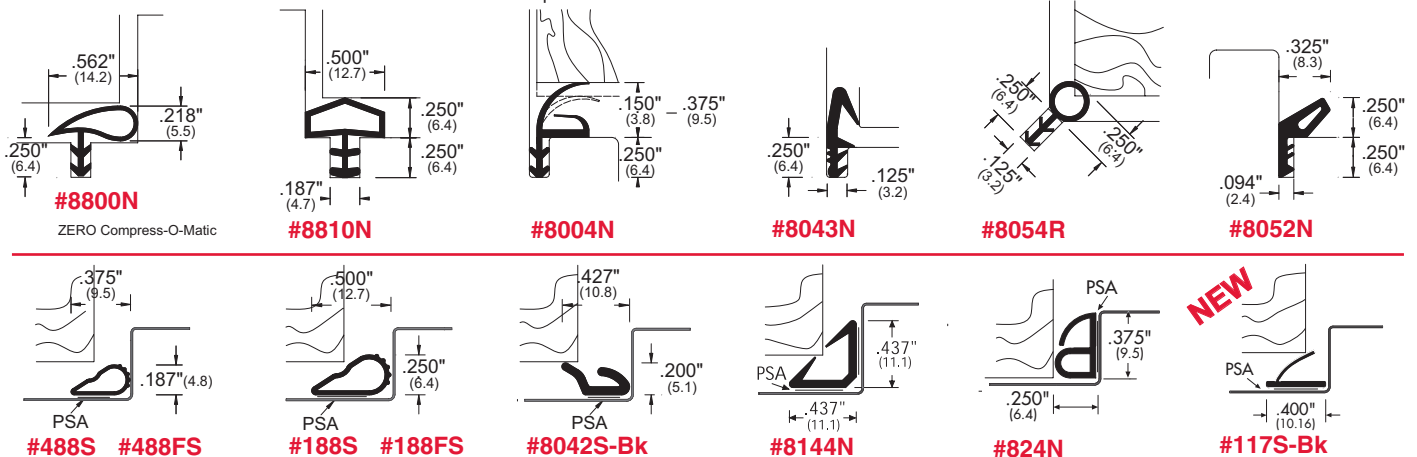


08 71 00.17/ZER  
BuyLine 0230



## Self-Adhesive (PSA) Door Seals—Head and Jamb

Minimum Required Clearance Between Floor and Frame – .125"



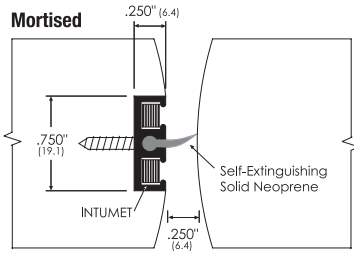


# Meeting Stiles and Flood Barrier Shield

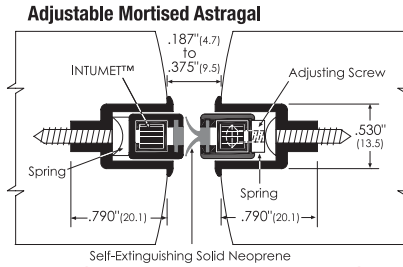
Note: A = Aluminum  
D = Dark Bronze Anodized  
FS = Intumescent material

AA = Clear Anodized  
G = Gold Anodized

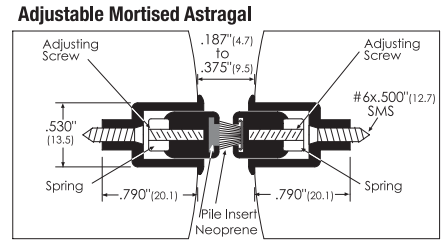
## MEETING STILE PROTECTION



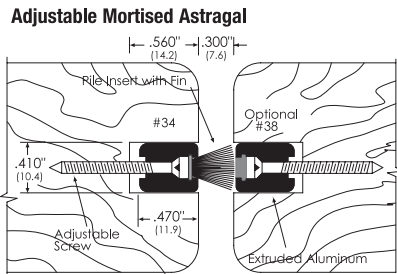
**#59FS A** with Neoprene Blade  
**#159FS A** without Neoprene Blade



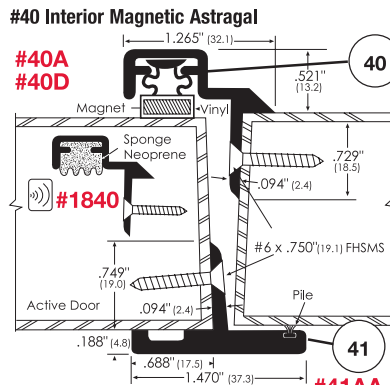
**#56FS A**  
**#56FS G**  
**#56FS D**  
**#557FS AA**  
**#557FS G**  
**#557FS D**



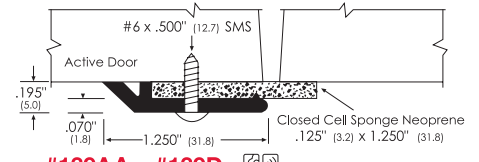
**#56AA** Solid Insert  
**#56D**  
**#56G**  
Pile Insert **#156AA**  
**#156D**  
**#156G**



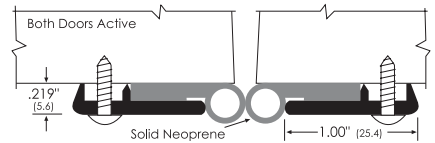
**#34AA**  
**#34D**  
**#34G** Pile with Fin Seal  
**#38AA**  
**#38D**  
**#38G** Solid Insert



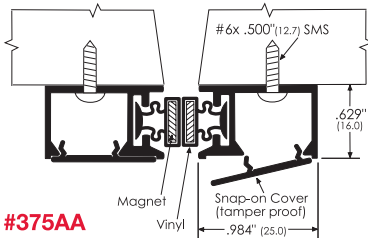
**#40A**  
**#40D**  
**#41 Exterior Security Astragal**  
**#41AA**  
**#41D**



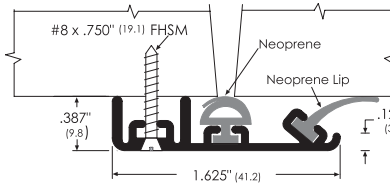
**#139AA** **#139D**



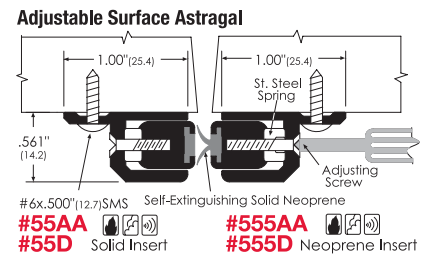
**#328AA** **#328D**  
**#328B** **#328G**



**#375AA**



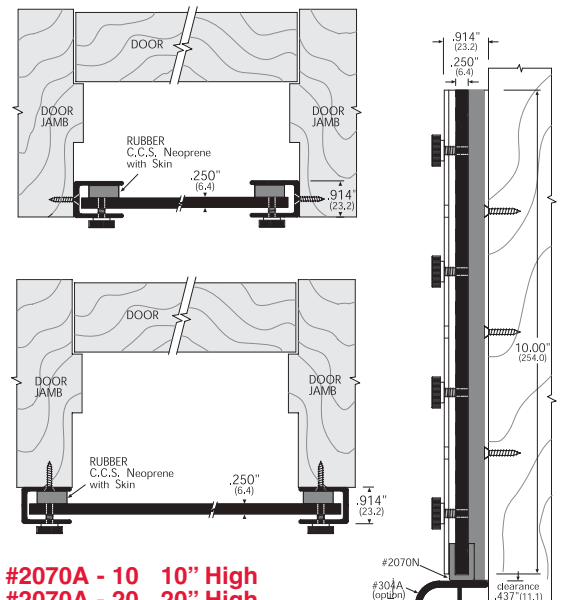
**#383AA** **#383D**



**#55AA** **#55D** Solid Insert  
**#555AA** **#555D** Neoprene Insert

## NEW FLOOD BARRIER SHIELD FOR DOORS

Introducing a new removable barrier that answers pleas from residential builders for help in protecting doors - household contents - from water ingress in flood-prone areas. When water from heavy rains accumulates, Zero's #2070 Flood Barrier Shield effectively blocks up to a foot or more flood waters from permeating door openings. Available in sections, to make 10, and 20 inch high barriers, the lightweight aluminum shield requires no tools or muscle strength for insertion into pre-mounted vertical channels attached to either the door frame or adjacent walls. The unit complies with standards of the Federal Emergency Management Agency (FEMA) and Federal Insurance Administration (FIA) for use on doors in flood-prone areas. The key to the shield's impermeability is the use of closed cell sponge (CCS) neoprene rubber engineered by Zero to ensure a water-tight seal. The rubber lines the aluminum channel brackets and the bottom of each shield section. The neoprene also compensates for gaps at the threshold.



**#2070A - 10 10" High**  
**#2070A - 20 20" High**  
Each Flood Barrier Shield is custom fabricated. Specify exact width needed, and installation option required.

Note: A = Aluminum AA = Clear Anodized  
R = Rubber S = Silicone



**SOUND TRAP**  
Sound Control Systems



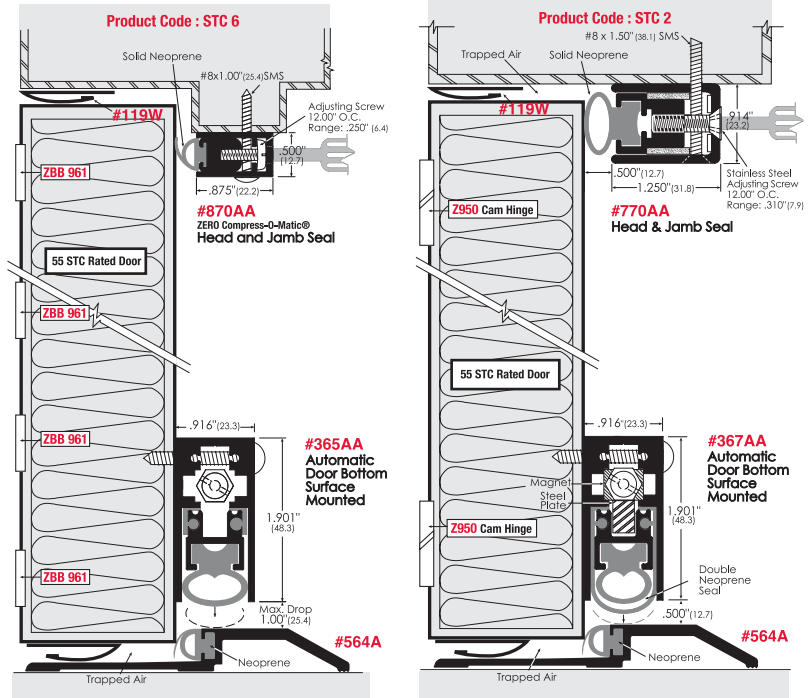
08 71 00.17/ZER  
BuyLine 0230

When most doors are tested for sound rating, the door and frame are installed and caulked shut. When ZERO sound control systems are tested, the opening is rated with the door operable. ZERO installs a door, frame, hinges, locks and gasketing. The door is opened and closed a number of times, per ASTM E-90 standards. The test results (using all 18 one-octave bands) represent the actual Sound Transmission Class (STC) value of the opening. To specify our sound control systems, installation instructions, product thickness, type of material (aluminum or bronze), type of rubber (neoprene, closed cell sponge or solid), are critical. Substitutions or deletions will void STC ratings.

**The overall sound transmission (STC) reduction will only be as good as the weakest part of the system.**

| SOUND TRAP SYSTEMS—High Level Rating |              |        |                   |            |
|--------------------------------------|--------------|--------|-------------------|------------|
| Gasketing System                     | Head & Jamb  | Saddle | Auto. Door Bottom | STC Rating |
| STC 1                                | 3708 & 119WB | 564B   | 367               | 53 STC     |
| STC 2                                | 770 & 119WB  | 564B   | 367               | 52 STC     |
| STC 3                                | 770 & 119WB  | 656B   | 367               | 51 STC     |
| STC 4                                | 170 & 119WB  | 564B   | 367               | 51 STC     |
| STC 5                                | 485 & 119WB  | 565A   | 361               | 49 STC     |

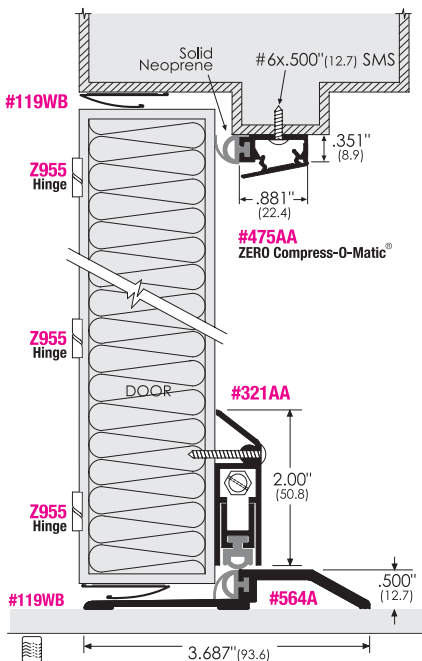
Sound Transmission Class (STC)—The ability to prevent the transfer of sound from one area to another.



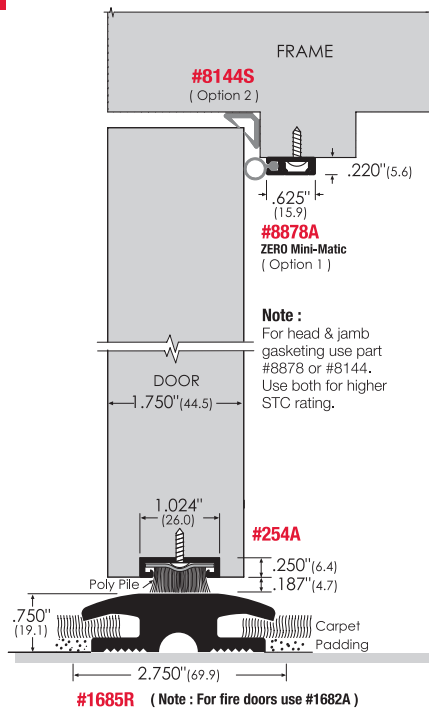
**NEW 20-PAGE SOUND BROCHURE AVAILABLE**

**"Safe Haven" Room Gasketing**

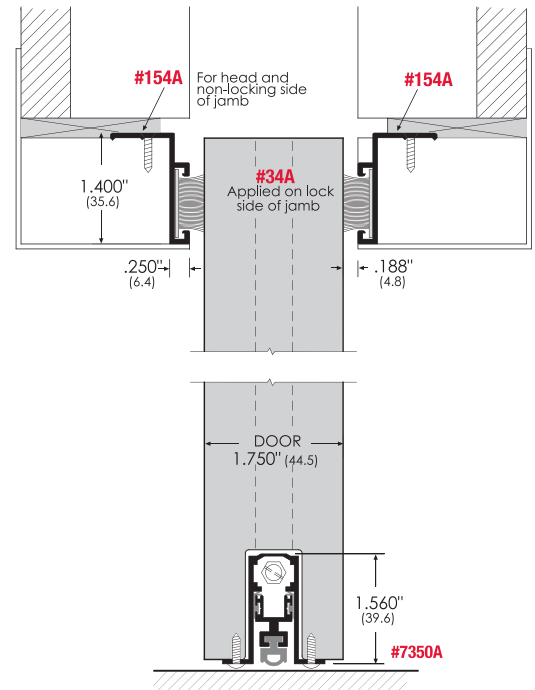
AIR INFILTRATION - 100 MPH (165KM/H) Wind Velocity - Air Leakage 0.50 CFM (2.8CMH)



**Hotel Interior Entry Doors**  
53 STC Rating



**Sliding and Pocket Doors**



This brochure is a cross-section of ZERO's full line. FOR COMPLETE PAGE PRODUCT CATALOG, PRICE LIST & SPECIFICATION GUIDE, PLEASE CALL 1-800-635-5335. The catalog contains full-size drawings for more than 400 items — Thresholds & Nosings, Sill Protection, Head & Jamb Seals, Meeting Stiles, Sound Control Systems for Doors & Windows, plus Intumescent Systems for doors & windows and ADA access. ZERO'S CATALOG AND DRAWINGS ARE ALSO AVAILABLE ON OUR WEB-SITE AT: [www.zerointernational.com](http://www.zerointernational.com)





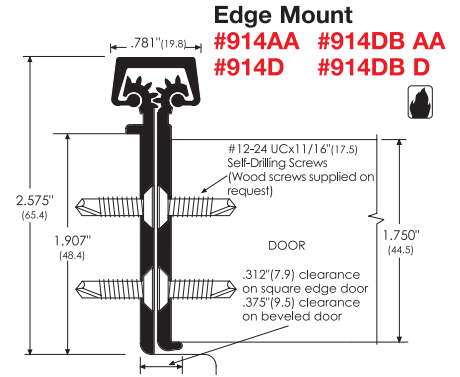
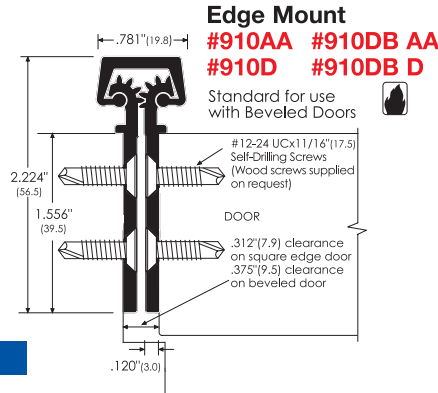
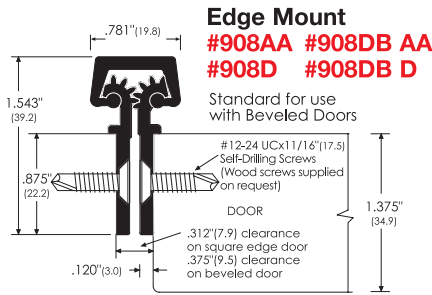
# Hinges, Lites & Louvers

Note: A = Aluminum  
D = Dark Bronze Anodized  
STST = Stainless Steel

AA = Clear Anodized  
DB = Double Bearing (Heavy Duty)  
SP = Steel Prime

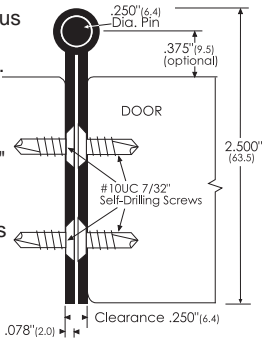
All hinges comply with ADA requirements

## UNIGEAR HINGES



## UNIPIN (BARREL TYPE HINGE)

Heavy-duty continuous hinge for high-traffic wood or metal doors. 14 gauge (.075") cold rolled steel or 304-type stainless steel. Hinge is 4.500" wide overall, has nylon washers with 2.00" knuckle lengths and .250" diameter stainless steel pin which runs parallel to length of hinge.

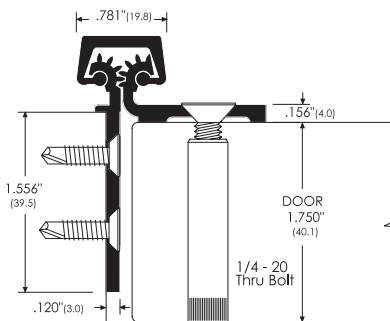


Edge Mount  
#919SP  
#919STST

3 hrs.

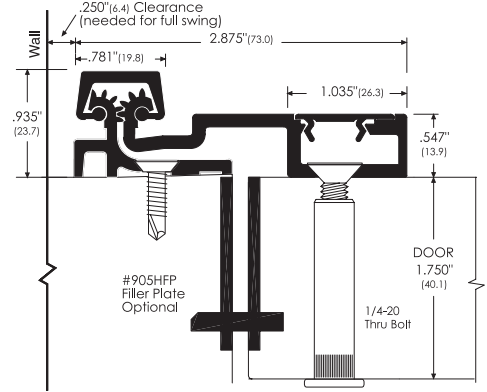
Half Surface  
#920AA #920DB AA  
#920D #920DB D

with 905HFP



Swing Clear - Full Surface  
#930AA #930DB AA  
#930D #930DB D

with 905HFP



## MORTISE HINGES



ZERO 950 Stainless Steel CAM LIFT Mortise Hinge 3 hrs.

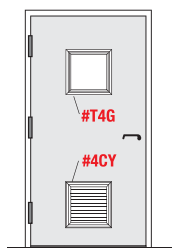
Z 955 Stainless Steel CAM LIFT Hinge

For use with EMI/RFI and sound-insulating doors utilizing acoustical seals. The cam action greatly improves the sealing characteristics along the door perimeter. Designed for doors weighing up to 500 lbs. The CAM LIFT Hinge is available for right or left-hand swinging doors. (Tested with LCN 4041 Series original - when doors are hung within accepted industry standard.)

The cam action greatly improves the sealing characteristics along the door perimeter. For medium weight doors of average frequency. Suitable for 4.5" (114.3) x 4.5" (114.3) x 0.134" (3.4) mortise hinges.

FINISH: 630 (32D)  
SIZE: 4.5" (114.3) x 4.5" (114.3)  
GAUGE: 0.134" (3.4)

## LITES & LOUVERS



VISION LITES

FREE FLO® DOOR LOUVERS

#T4G  
#T4G-G (Galvanized)

#4CY  
#G4Y (Galvanized)

#200AIL  
#200AIL-G (Galvanized)

90 Min.

Other types available. For more information visit us at [www.a-ii.com](http://www.a-ii.com)



see us at  
**Sweets.com**

[www.zerointernational.com](http://www.zerointernational.com)