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.

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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

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.

Series 671

Floor covers for 1” expansion joints

Traction Tread Rubber

UTILITY THRESHOLDS

| #655A  | 653A Aluminum  | 654A Aluminum  | 654B Bronze  | 3” wide x 1/2” high |
| #655B  | 655A Aluminum  | 655B Bronze     | 5” wide x 1/2” high |
|        | 656A Aluminum  | 656B Bronze     | 6” wide x 1/2” high |
|        | 657A Aluminum  | 657B Bronze     | 7” wide x 1/2” high |
|        | 657A Aluminum  | 657B Bronze     | 7-1/2” wide x 1/2” high |

| #544A  | 64A Aluminum   | 63A Aluminum   | 63B Bronze     | 2-1/2” wide x 1/4” high |
|        | 544A Aluminum  | 545A Aluminum  | 545B Bronze    | 5” wide x 1/4” high |
|        | 546A Aluminum  | 546A Aluminum  | 6” wide x 1/4” high |
|        | 547A Aluminum  | 547A Aluminum  | 7” wide x 1/4” high |

INTERLOCKING SADDLE

| #175A  | 1.25” (3.18) |
| #175B  | 5.00” (127.0) |

THERMAL BREAK SADDLE

| #525A  | 1.890” (48.0) |
| #526A  | 5.00” (127.0) |

RABBETED THRESHOLDS

| #564A | 1.750” (44.5) |
| #564B | 1.25” (3.18) |
| #564D | 3.680” (93.6) |

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

### Available Tread Sizes

<table>
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<th>Available Tread Sizes</th>
<th>Epoxy Abrasives</th>
<th>Photoluminescent</th>
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<tr>
<td>3672A Aluminum 2&quot; wide</td>
<td>3672A-E</td>
<td>3672A-E-L</td>
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<tr>
<td>3672B Bronze 2&quot; wide</td>
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<tr>
<td>3673A Aluminum 3&quot; wide</td>
<td>3673A-E</td>
<td>3673A-E-L</td>
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<tr>
<td>3673B Bronze 3&quot; wide</td>
<td>3673B-E</td>
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<tr>
<td>3674A Aluminum 4&quot; wide</td>
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<tr>
<td>3674B Bronze 4&quot; wide</td>
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<tr>
<td>3675A Aluminum 5&quot; wide</td>
<td>3675A-E</td>
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<tr>
<td>3675B Bronze 5&quot; wide</td>
<td>3675B-E</td>
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<td>3676A Aluminum 6&quot; wide</td>
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<td>3676A-E-L</td>
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<tr>
<td>3676B Bronze 6&quot; wide</td>
<td>3676B-E</td>
<td>3676B-E-L</td>
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### WHEEL CHAIR ACCESSIBLE SHOWER THRESHOLD

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

#8452

### BULKHEAD DOOR ADJUSTABLE THRESHOLDS

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

**THRESHOLDS ASSEMBLIES**

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
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.

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.
MEETING STILE PROTECTION

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.

THE HARD WAY

Meeting Stiles and Flood Barrier Shield

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

FS = Intumescent material

MEETING STILE PROTECTION

#2070A - 10 10” High
#2070A - 20 20” High

Each Flood Barrier Shield is custom fabricated. Specify exact width needed, and installation option required.
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.

<table>
<thead>
<tr>
<th>Gasketing System</th>
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<th>Auto. Door Bottom</th>
<th>STC Rating</th>
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<td>STC 4</td>
<td>170 &amp; 119WB</td>
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<tr>
<td>STC 5</td>
<td>485 &amp; 119WB</td>
<td>565A</td>
<td>361</td>
</tr>
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</table>

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

"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

NEW 20-PAGE SOUND BROCHURE AVAILABLE

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**Hinges, Lites & Louvers**

All hinges comply with ADA requirements

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**UNIGEAR Hinges**

Edge Mount

- #908AA  #908DB  AA  #908D  #908DB D

Standard for use with Beveled Doors

- 12 gauge (.079") 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.

Half Surface

- #920AA  #920DB  AA  #920D  #920DB D

with 905HFP Filler Plate

- Aluminum plate with two steel pins to install in old hinge location, for fire-rated doors.

Swing Clear - Full Surface

- #930AA  #930DB  AA  #930D  #930DB D

with 905HFP Filler Plate

- 200% x Clearance (needed for lifting)

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**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.

- 3 hrs.

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**Mortise Hinges**

**ZERO 950 Stainless Steel CAM LIFT Mortise 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.)

- 3 hrs.

**Z 955 Stainless Steel CAM LIFT Hinge**

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)

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**Lites & Louvers**

**Vision Lites**

- #T4G
- #T4G-G (Galvanized)

**Free Flo" Door Louvers**

- #4CY
- #G4Y (Galvanized)
- #200AIL
- #200AIL-G (Galvanized)

40 Min.

Other types available. For more information visit us at www.a-l.com