

ZERO DROPSEALS

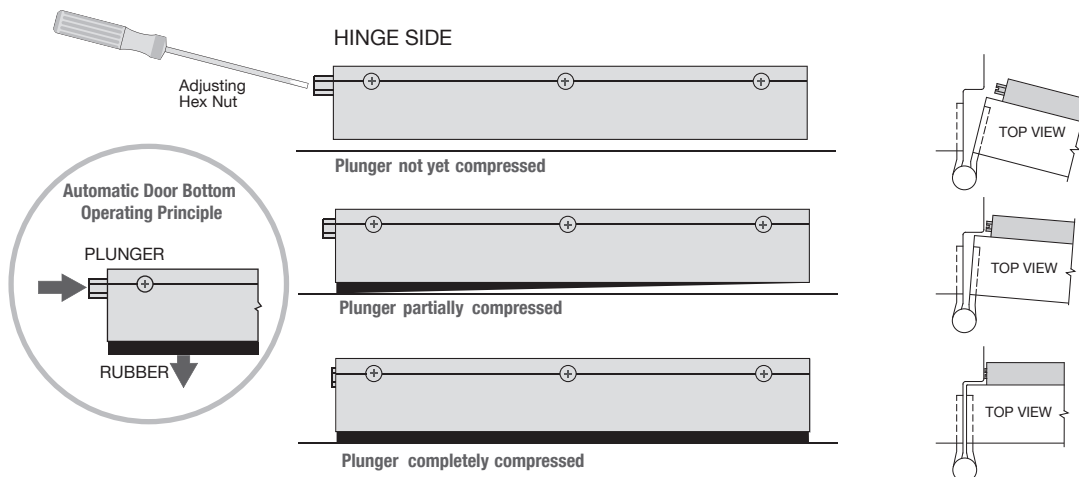
- Adjustable drop to 12.7mm, 14.3mm or 22.2mm as detailed.
- Surface mounted or mortice patterns.
- Units can be trimmed on site.
- Sizes 305mm - 2438mm.
- Integral intumescent available (see page 8).
- Light springing (L/S) pattern available for disabled use (see page 8).
- Variety of finishes - anodised aluminium (AA), dark bronze anodised (D) and gold anodised (G).
- Tested to 5 million cycles.
- Non-handed (except 321AA and 323A).
- Suitable for double doors.
- UL Listed in USA, File GVV1.R18465.
- UK Assessments to BS 476-22:1987 and EN 1634-1:2000. WF Report No 187914 Issue 5 and UL UK File NC26268. Copies available upon request.
- Zero dropseals have been successfully tested to Grade 4 (240 hours neutral salt spray exposure) in accordance with BS EN 1670:2007 Building Hardware - Corrosion Resistance. Report No WIL 392103 dated 30.01.2018 refers.

Zero dropseals are fitted to the bottom of the door and automatically drop down each time the door is closed (adjustable drop up to 22.2mm on some patterns). The mechanical unit requires no electrical power to operate, and works on a hinge side plunger with flat spring mechanism that drops the neoprene gasket in a scissor like motion for a tight seal without any drag, even on an uneven floor. As the neoprene seal compresses, it forms a tight secure bond against the threshold or floor. The door seal retracts automatically when the door is opened.

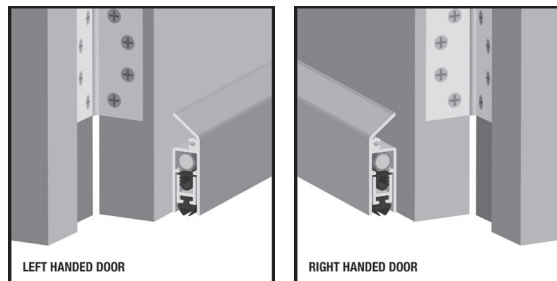
Zero dropseals have been tested to five million cycles and are also available surface mounted (for retrofit). The product is available in stock sizes from 305mm to 2438mm in 152mm increments, and may be cut down by up to 152mm (less for sizes under 762mm) from the non-operating end to suit exact door widths. Units are not handed (except 321AA and 323A), and operate from one end only so they can be used on pairs of doors.

Special purpose dropseals are also available (see pages 8-9) with light springing for wheelchair users, 'FLO' option for increased airflow, and a modified internal mechanism for use in sliding doors. These units ensure an effective seal at the bottom of the door against air and smoke filtration, or penetration by sound, light, flames and toxic gases. Used in conjunction with other Zero frame seals they form part of a total door kit.

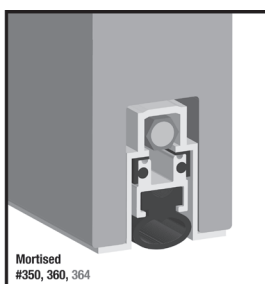
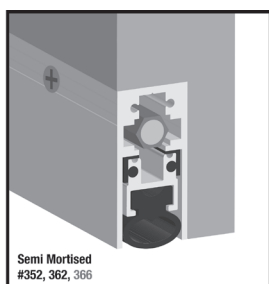
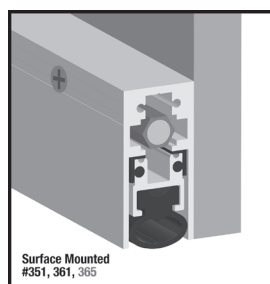
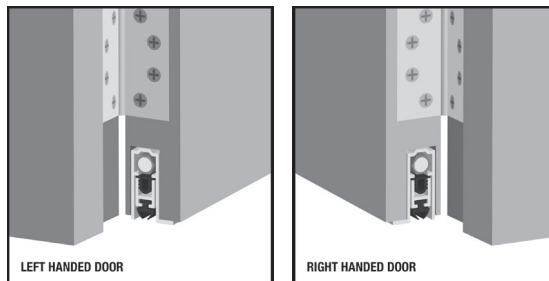
All ZERO automatic door bottoms function the same way. The mechanism causes the insert seal to activate on the hinge side first. It prevents the seal from dragging along the floor or threshold while the door is being closed to avoid door hang-up or closing delay.



SURFACE FIX - DOOR HANDING



MORTICE FIX - DOOR HANDING



ZERO DROPSEALS

TYPICAL BUILDINGS REQUIRING DROPSEALS

- ENTRANCES** particularly in areas of inclusive design where thresholds are not allowed.
- ENTERTAINMENT** cinemas (keeping sound out), nightclubs (keeping sound in), theatres, stadia.
- BROADCASTING** TV & Radio companies, recording studios.
- TRAVEL** airports, railways, ferry terminals.
- INDUSTRIAL** oil rigs, turbine rooms, plant rooms, factory offices.
- MEDICAL** doctors' surgeries, health centres, hospitals, consulting rooms.

- BUSINESS** offices, meeting/conference rooms, computer rooms.
- EDUCATION** university/college lecture theatres, research facilities, music rooms.
- PUBLIC** libraries.
- INTERVIEW ROOMS** police stations, magistrates courts, banks, building societies, drink & drugs rehabilitation, legal practices, probation offices.
- RESEARCH** laboratories, dark rooms.
- LEISURE** hotel bedrooms, conference facilities.

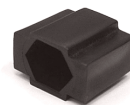
STANDARD ZERO DROPSEALS - AVAILABILITY

| REF | STANDARD SIZES (MM) | | | | | | | | | | | | | | | | |
|--------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|
| | 254 | 305 | 381 | 460 | 533 | 610 | 685 | 762 | 914 | 1067 | 1219 | 1371 | 1524 | 1676 | 1828 | 2134 | 2438 |
| 320A | - | ✓ | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - |
| 321AA | - | - | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |
| 323A* | - | - | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |
| 350A | - | - | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - |
| 351AA | - | ✓ | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - |
| 352AA | - | ✓ | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - |
| 355A | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |
| 3551A* | - | - | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |
| 3552A* | - | - | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - | - |
| 360A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 361AA | - | ✓ | ✓ | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 362AA | - | ✓ | ✓ | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 364A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 365AA | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 366AA | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 367AA | - | ✓ | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |
| 368AA | - | ✓ | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |
| 369A | - | - | - | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - |

NOTES:

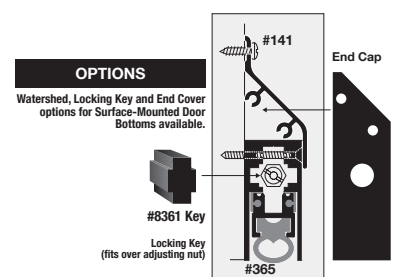
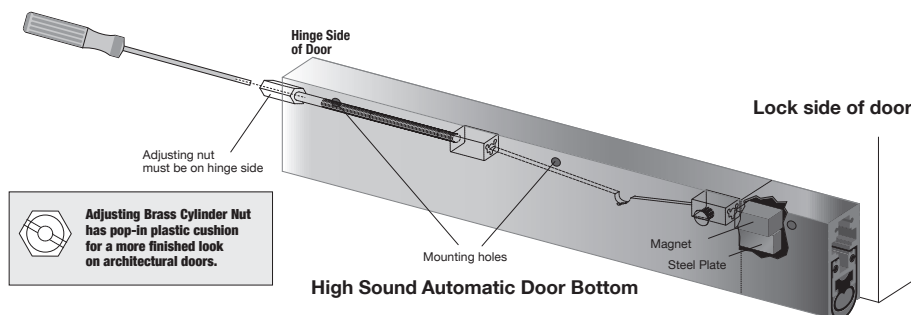
Most sizes may be cut down by up to 152mm from the non-operating end during installation.
Automatic door bottoms may be trimmed by up to 152mm on site. Full instructions supplied.

- 363N** Replacement serrated sponge neoprene only for 360/361/362 auto door bottoms.
- 365N** Replacement bulbous neoprene only for 364/365/366 auto door bottoms.



#8361 LOCKING NUT

Locking Key to suit surface mounted dropseals 361A, 365A & 367A (fits over adjusting nut).
Cannot be used with end cap.



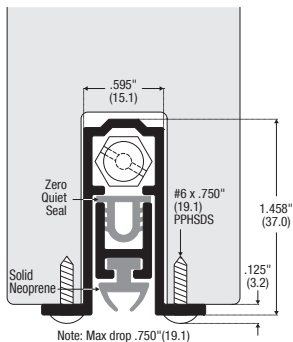
(For 141A and end caps see page 47)

All products usually available ex-stock except those marked with *. Call for lead time.
Additional manufacturers carriage charges may apply for * items.
No charge for split boxes, but please try to order boxed quantity multiples where possible.

ZERO DROPSEALS

320AA

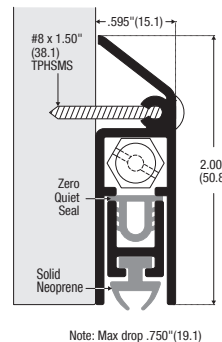
Mortice pattern.
Medium duty with solid neoprene extrusion.
762mm & 914mm
1067mm & 1219mm
Maximum drop 19.1mm.
Other sizes on page 5.



321AA (HANDED) **REVISED**

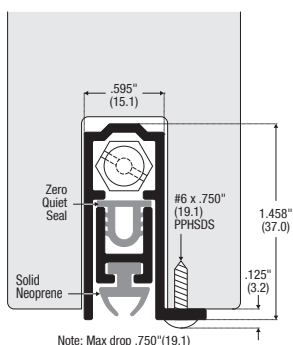
Surface fixing pattern with hood.
Medium duty with solid neoprene extrusion.
762mm & 914mm
1067mm & 1219mm
Maximum drop 19.1mm.
Other sizes on page 5.
See handing diagram on page 4.
Reversible handing.

This product has been successfully tested to BS EN 1634-3:2004 and is suitable for smoke control doors. Leakage does not exceed 3m³/hour per metre of frame gap at a pressure of 25 Pa. Copy of WF Report No 185149 available upon request.



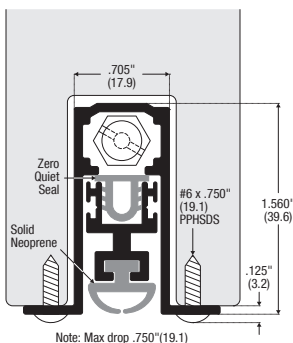
323AA* (HANDED) **REVISED**

Mortice pattern.
Only one row of mounting holes required.
762mm* & 914mm*
1067mm* & 1219mm*
Maximum drop 19.1mm.
Other sizes on page 5.
See handing diagram on page 4.
Reversible handing.



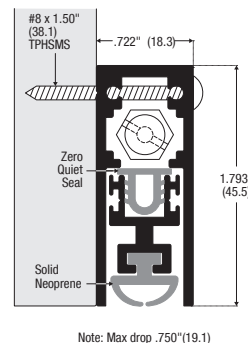
350AA

Mortice pattern.
Medium duty with solid neoprene extrusion.
762mm & 914mm
1067mm & 1219mm
Maximum drop 19.1mm.
Other sizes on page 5.



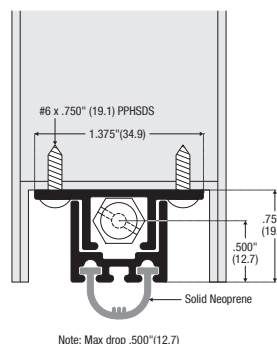
351AA/352AA

Surface fixing (351) and semi morticed pattern (352). Medium duty with solid neoprene extrusion.
762mm & 914mm
1067mm & 1219mm
Maximum drop 19.1mm.
Other sizes on page 5.



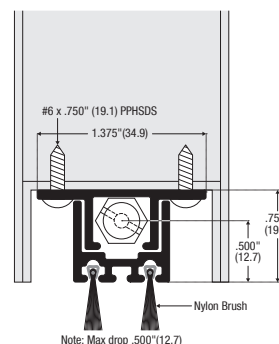
3551AA*

Reversible mortice pattern.
OEM pattern - fits neatly into inverted channel in door bottom.
762mm* & 914mm*
1067mm* & 1219mm*
Maximum drop 12.7mm.
Other sizes on page 5.
(max size 1524mm)
No end caps required.



3552AA*

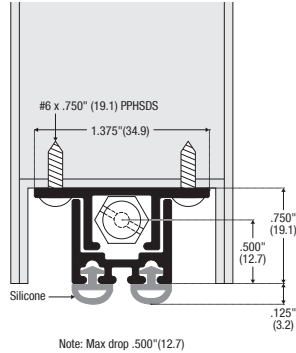
Reversible mortice pattern.
OEM pattern - fits neatly into inverted channel in door bottom.
762mm* & 914mm*
1067mm* & 1219mm*
Maximum drop 12.7mm.
Other sizes on page 5.
(max size 1371mm)
No end caps required.



ZERO DROPSEALS

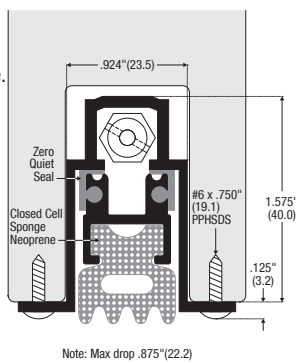
355AA

Reversible mortice pattern.
 OEM pattern - fits neatly into inverted channel in door bottom.
 762mm & 914mm
 1067mm & 1219mm
 Maximum drop 12.7mm.
 Other sizes on page 5.
 (max size 1524mm).
 No end caps required.
 Now with silicone seals.



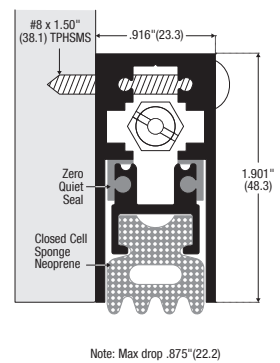
360AA

Mortice pattern.
 Heavy duty with closed cell sponge neoprene.
 762mm & 914mm
 1067mm & 1219mm
 Maximum drop 22.2mm.
 Other sizes on page 5.



361AA/362AA

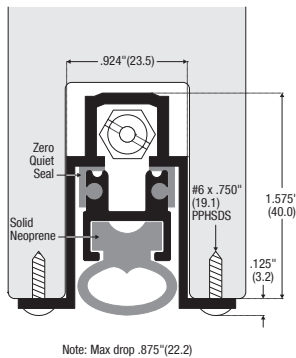
Surface fixing (361) and semi morticed pattern (362). Heavy duty with closed cell sponge neoprene.
 762mm & 914mm
 1067mm & 1219mm
 Maximum drop 22.2mm.
 Other sizes on page 5.



364AA

Mortice pattern.
 Heavy duty with solid neoprene extrusion.
 762mm & 914mm
 1067mm & 1219mm
 Maximum drop 22.2mm.
 Other sizes on page 5.

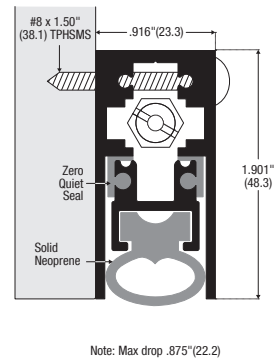
This product has been successfully tested to Grade 4 (240 hours neutral salt spray exposure) in accordance with BS EN 1670:2007 Building Hardware - Corrosion Resistance. Report No WIL 392103 dated 30.01.2018 refers.



365AA/366AA

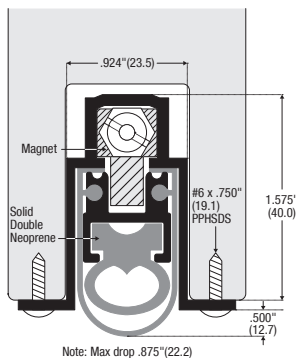
Surface fixing (365) and semi morticed pattern (366). Heavy duty with solid neoprene extrusion.
 762mm & 914mm
 1067mm & 1219mm
 Maximum drop 22.2mm.
 Other sizes on page 5.

This product has been successfully tested to Grade 4 (240 hours neutral salt spray exposure) in accordance with BS EN 1670:2007 Building Hardware - Corrosion Resistance. Report No WIL 392103 dated 30.01.2018 refers.



369AA

Mortice pattern.
 Very heavy duty with double neoprene extrusion.
 762mm & 914mm
 1067mm & 1219mm
 Maximum drop 22.2mm.
 Other sizes on page 5.



367AA/368AA

Surface fixing (367) and semi morticed pattern (368). Very heavy duty with double neoprene extrusion.
 762mm & 914mm
 1067mm & 1219mm
 Maximum drop 22.2mm.
 Other sizes on page 5.

