

A medium duty, concealed automatic door bottom seal incorporating intumescent within the silicone gasket for hot smoke applications, which is mortised into the bottom edge of single action doors. It operates automatically by a spring loaded mechanism which lifts the seal clear of the floor as soon as the door is opened.

Mounted into a 35mm deep x 15mm wide machined groove, the seal is screwfixed back into the door stiles via stainless steel end plates, holding the seal in place. The seal operates automatically by pressure against the door jamb on its adjustable strike button. The seal contains a high efficiency mechanism to assist with the closing force requirements detailed in AS1428/1 (Design for Access and Mobility).

Gap size

- Min. 3mm / max. 15mm

Available lengths (non-stocked, made to order)

- 600mm
- 820mm
- 920mm
- 1070mm
- 1220mm

(*Longer lengths available to special order).

IS8010si-KG maximum allowable cut-back sizes:

- 600mm seal cuts to 380mm
- 820mm seal cuts to 600mm
- 920mm seal cuts to 820mm
- 1070mm seal cuts to 920mm
- 1220mm seal cuts to 1070mm

(*Seals can be cut on site for exact dimension).

Standard colours

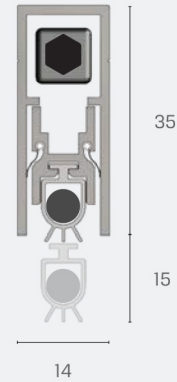
- Silver anodised aluminium with stainless steel end plates, grey silicone gasket. (Black silicone gasket also available upon request.)

Approval/s

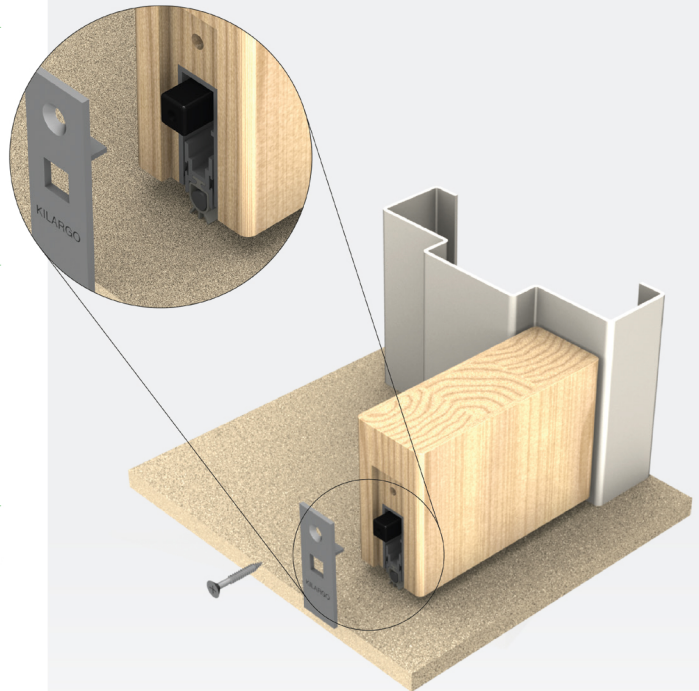
- Fire tested to AS1530 Part 4 in accordance with AS1905 Part 1
- Certifications GYI.R26629, GVWZ.R26629, GVWZ7.R26629
- Medium temperature smoke leakage approvals to AS1530 Part 7, compliant with AS6905 on proprietary door assemblies
- Conforms with BCA Specification C3.4 smoke sealing requirements
- Acoustically tested in accordance with AS1191, IS0140.3 and IS010140-2
- Durability tests demonstrating over 1,000,000 open and close cycles

*Note: Radiused stainless steel end plates also available upon request.

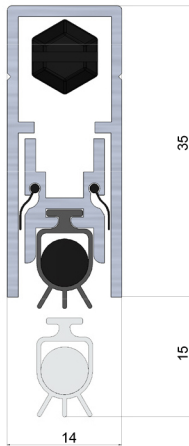
*Note: Radiused stainless steel end plates also available upon request.



IS8010si-KG



Fitting Instructions: Automatic Door Bottom Seal



Installation detail: Automatic door bottom seal

- | | |
|----------------|---|
| Step 1 | Remove the seal from the packaging. |
| Step 2 | Remove the door from its hinges, lay on side and firmly restrain. (If the door bottom is already grooved to suit the seal dimensions). |
| Step 3 | Measure and mark the seal position on the bottom edge of the door. For optimum operation, the seal should be positioned on the centre line of the door. |
| Step 4 | Fit a suitable cutter to the router and set guide. Machine a 15mm wide by 35mm deep groove along the bottom of the door. |
| Step 5 | Clear chips and dust from groove, check width and depth. |
| Step 6 | Warning: Check maximum cut back lengths on the table provided. Measure the door width. Pull back the gasket from the opposite end to the actuator button and using a power saw / hacksaw, cut the aluminium sections 3mm less than the door width to allow for end plates. Remove cutting swarf. Push the gasket back into position and cut to length with a sharp knife. |
| Step 7 | Position seal in the groove and mark each of the end plate positions on the edges of the door. Cut out with a sharp chisel (or router for round end plates). |
| Step 8 | Screw fix the end plate and slide the seal into the groove ensuring that the actuator button is on the hinge side. Next, screw fix the remaining end plate to hold the seal in position. |
| Step 9 | Adjust accordingly by winding the button clockwise to reduce movement and anti-clockwise to increase the seals movement with a 8 mm Hex socket driver from the front. Alternatively, the adjustment can be done with a 8 mm spanner if the door can't be fully opened. |
| Step 10 | (For timber frames, fix the striker button to the frame opposite the operating button.)
Note: For optimum results the seal should be adjusted so that the seals silicone gasket touches the sill in the final closing moment of the door. |

We recommend IS8010si-KG automatic door bottom seal with be used together with a Kilargo 7000 series perimeter seal and, if required a 4000 series threshold plate.

Note

Recommendations as to methods for use of materials and construction details are based on the experience and knowledge of Kilargo and are given in good faith as a general guide and service to designers, contractors and manufacturers.

Kilargo reserves the right to make alterations or delete any installation detail without prior notice.

Important

Ensure that the installation of this product does not impede the opening or closing of the door. It is recommended to check the adjustment of the door seal periodically to ensure the door assembly to which it is fitted, closes and latches properly.



Description of contents	
■	1 x IS8010si-KG seal
■	Bag containing – 2 x end plates – 2 x screws
■	1 x Striker button
■	Fitting instructions

Tools required for installation	
■	Tape measure
■	Saw (power or hand)
■	Screw driver
■	2.5mm drill bit
■	Drill (power or hand)
■	Knife
■	Pencil or marker
■	Router
■	Long series router bit

Cut back sizes

Do not cut the seal shorter than the lengths indicated below or this will affect the normal operation of the internal mechanism

■	600mm cuts to 380mm
■	820mm cuts to 600mm
■	920mm cuts to 820mm
■	1070mm cuts to 920mm
■	1220mm cuts to 1070mm