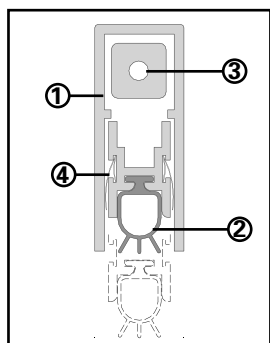




# IS8010si

## Fitting Instruction

### Automatic Door Bottom Seal



Length	
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**STANDARD LENGTHS**

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

- 450mm cuts to 275mm
- 610mm cuts to 450mm
- 820mm cuts to 610mm
- 920mm cuts to 820mm
- 1070mm cuts to 920mm
- 1220mm cuts to 1070mm

**DESCRIPTION OF CONTENTS**

- Aluminium carrier (1)
- Flexible gasket (2)
- Actuator button (3)
- Smoke fins (4)
- Bag containing
  1. 2 x end plates
  2. 2 x screws
  3. 1 x striker button
- Fitting instruction

**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
- 15mm long series router cutter

**INSTALLATION DETAIL****STEP 1**

Remove the seal from the packaging .  
(If the door bottom is already rebated to suit the seal dimensions, go to Step 6.)

**STEP 2**

Remove the door from its hinges, lay on side and firmly restrain.

**STEP 3**

With a tape and pencil, 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 15mm cutter to the router and set guide. Machine a 15mm wide by 35mm deep slot along the bottom of the door. See Figure 1.

**STEP 5**

Clear chips and dust from rebate, check depth.

**STEP 6**

Measure the door width. Cut seal 3mm less than width of door—cut excess aluminium from the end of the seal without the operating button.

**STEP 7**

Offer seal and end plate to rebate and mark each of the end plate positions on the edges of the door. Cut out with a sharp chisel (or router) for end plates. See Figure 2.

**STEP 8**

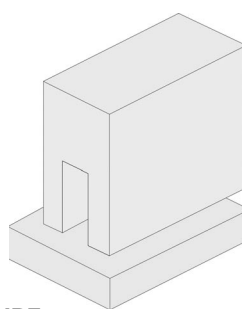
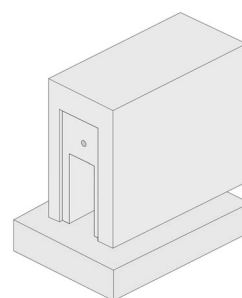
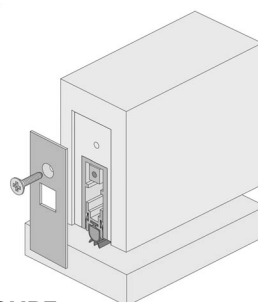
Screw fix the end plate and slide the seal into the groove ensuring that the operating button is on the hinge side. Next, screw fix the remaining end plate to hold the seal in position. See Figure 3.

**STEP 9**

When the door leaf is re-fitted open and close the door observing the operation of the seal. Adjust accordingly by winding the operating button in or out.  
(For timber frames, fix the drawing pin to the frame opposite the operating button.)

**STEP 10**

For optimum results the seal should be adjusted so that the seal element touches the sill in the final closing moment of the door.

**FIGURE 1****FIGURE 2****FIGURE 3**

**We recommend IS8010si automatic door bottom seal be used together with a Lorient Integrity™ 7000 Series perimeter seal and 4000 Series threshold plate.**

**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.**

**The seal may be removed for periodic cleaning or replacement of a worn gasket, without removing the door leaf from its frame.**

**OTHER INTEGRITY™ ARCHITECTURAL SEALS INCLUDE:**

- Door Perimeter Seals
- Door Bottom Seals
- Automatic Door Bottom Seals
- Threshold Plates
- Brush Seals
- Magnetic Seals

Contact your nearest Lorient office for further details.

**NOTE**

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

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

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