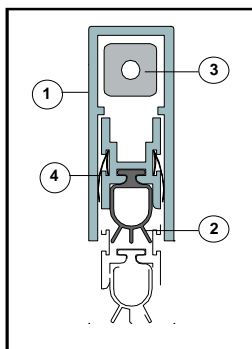




IS8010si

Fitting Instruction

Automatic Door Bottom Seal



Length:

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 round 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 striker button to the frame opposite the operating button.)

If seal movement needs adjustment to make less contact or full contact with floor, pull out actuator button clear of aluminium housing. Firmly holding threaded rod, turn adjustable block clockwise to reduce movement or anticlockwise to increase the seal movement.

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.

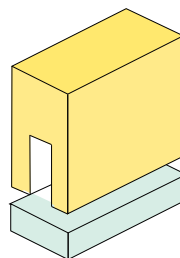


FIGURE 1

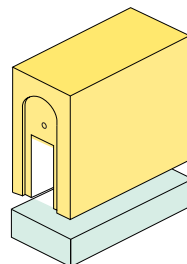


FIGURE 2

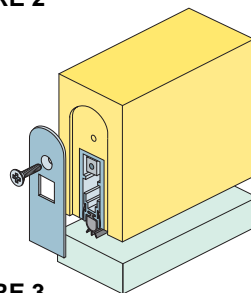


FIGURE 3

We recommend IS8010si automatic door bottom seal be used together with a Lorient Integrity™ 7000 series perimeter seal and, if required a 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.

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

380mm	cuts to	275mm
600mm	cuts to	400mm
820mm	cuts to	600mm
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 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
- 15mm long series router



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