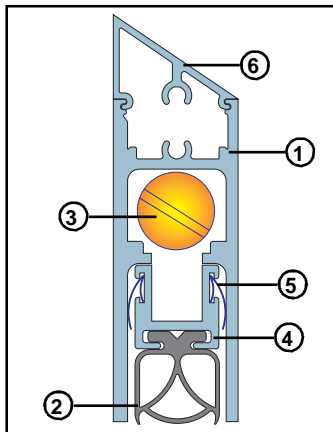




# IS8020si Fitting Instruction

Automatic Door Bottom Seal



Length	35 mm
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## WARNING

Do not cut the seal before the hand of the door or seal location has been determined.

## DESCRIPTION OF CONTENTS

- Aluminium Carrier (1)
- Silicone Gasket (2)
- Adjusting Screw (3)
- Internal Carrier (4)
- Smoke fins (5)
- Top Cover Plate (6)
- Two end caps & plug
- Striker button (drawing pin)
- Bag of Screws
- Fitting Instructions

## TOOLS REQUIRED FOR INSTALLATION

- Tape Measure
- Saw (Power or Hand)
- Screw Driver
- 2-3mm Drill Bit
- Drill (Power or Hand)
- Knife
- Pencil or marker

## INSTALLATION DETAIL

### STEP 1

Remove seal from packaging and slide off top cover plate from base assembly.

### STEP 2

Measure the width of the door, between the door stops.

### STEP 3

Pull back the gasket and using a power saw/hacksaw, cut the aluminium sections to the measured length, less 2mm, to allow for door opening clearance on the latch side.

Cut the inner extrusion (item 4) 3mm shorter to allow for operating clearance.

### STEP 4

Cut gasket to required length using a sharp knife.

### STEP 5

Positioning the seal on the door bottom with the adjustment screw firmly against the hinge side stop, drill 2mm diameter pilot holes through the base aluminium carrier into the door every 200mm at a 45 degree angle.

(NB. Ensure the base aluminium carrier is level with the door bottom while drilling).

### STEP 6

Remove the seal away from the door and re-drill the base aluminium carrier holes to 3mm diameter, allowing for clearance for the screw thread.

### STEP 7

Re-position the seal against the door and screw fix into position using the long screws provided.

### STEP 8

Slide the top cover section back into position.

### STEP 9

Press fit and screw (with short screws provided) the plastic end caps into position at either end of the seal.

### STEP 10

Press fit the plastic blanking plug into the adjustment screw void on the latch side end plate.

### STEP 11

Close the door and observe the seal movement.

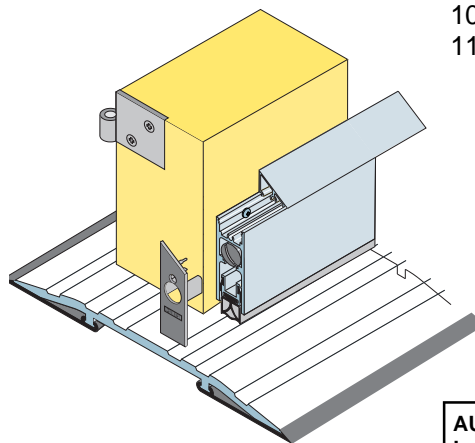
### STEP 12

If the seal requires adjustment to make even contact with the sill, pull and turn the adjusting screw anti-clockwise to increase seal movement and clockwise to reduce seal movement (a turn at a time), until the desired seal is achieved.

**We recommend the IS8020si Automatic Door Bottom Seal be fitted with a Lorient Integrity™ 7000 Series perimeter seal and 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.

335mm	cuts to	255mm
435mm	cuts to	255mm
535mm	cuts to	436mm
635mm	cuts to	536mm
735mm	cuts to	636mm
835mm	cuts to	736mm
935mm	cuts to	836mm
1035mm	cuts to	936mm
115mm	cuts to	1036mm



Architectural Seals

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