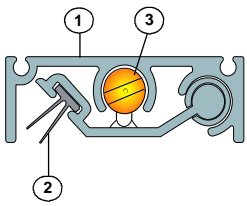




IS8210si

Fitting Instruction

Automatic Door Bottom Seal



| | |
|--------|--|
| Length | |
|--------|--|

DESCRIPTION OF CONTENTS

- Aluminium Carrier (1)
- Silicone rubber gasket (2)
- Actuator button (3)
- Bag containing
 - 2 x end caps
 - Fixing 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 & slot 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 slot cutter to the router and set guide. Machine a 31mm wide by 10mm deep slot along the bottom of the door. See Figure 1.

STEP 5

Clear chips and dust from rebate, check width and depth.

STEP 6

Measure the door width. Cut seal 2mm less than width of door—cut excess aluminium from the end of the seal **without** the operating button.

STEP 7

Centre and offer the seal to rebate and mark fixing hole positions (ensuring operating button is on hinge side of door)

STEP 8

Drill pilot holes and then screw fix seal in position. See Fig 2

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, fit the striker button into the frame opposite the operating button.)

Is seal movement needs adjustment to make less contact or full contact with floor, 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.

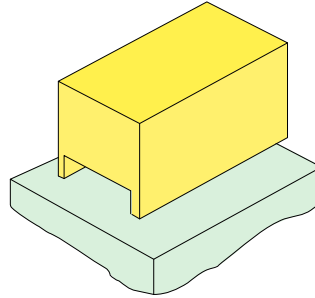


FIGURE 1

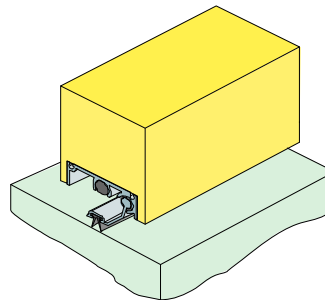


FIGURE 2

We recommend IS8210si automatic door bottom seal be used together with a Lorient IS7000 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.

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.

| | | |
|--------|---------|--------|
| 720mm | cuts to | 620mm |
| 820mm | cuts to | 720mm |
| 920mm | cuts to | 820mm |
| 1020mm | cuts to | 920mm |
| 1220mm | cuts to | 1020mm |

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