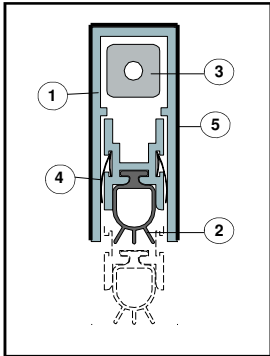


IS8010si

With Intumescent Cladding Kit

Fitting Instruction

Automatic Door Bottom Seal



Length:

DESCRIPTION OF CONTENTS

- Aluminium Housing (1)
- Silicone Gasket (2)
- Actuator Button (3)
- Smoke Fins (4)
- Intumescent Cladding Kit (5)
- 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
- Long Series Router Bit

INSTALLATION DETAIL

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 including cladding kit, go to Step 5.)

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 17mm wide by 36mm deep groove along the bottom of the door. See Figure 1.

STEP 5

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

STEP 6

Affix intumescent cladding kit to sides and top of the seal.

STEP 7

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 and cladding kit 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 8

Position seal with cladding kit 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). See Figure 2.

STEP 9

Screw fix the end plate and slide the seal with cladding kit 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. See Figure 3.

STEP 10

When the door leaf is re-fitted open and close the door observing the operation of the seal. Adjust accordingly by pulling out the actuator button clear of the housing. Firmly holding the threaded rod, turn the actuator button clockwise to reduce movement and anticlockwise to increase the seal movement.

STEP 11

(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.

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.

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.

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	336mm
535mm	cuts to	436mm
635mm	cuts to	536mm
735mm	cuts to	636mm
835mm	cuts to	736mm
935mm	cuts to	836mm
1035mm	cuts to	936mm
1135mm	cuts to	1036mm

FIGURE 1

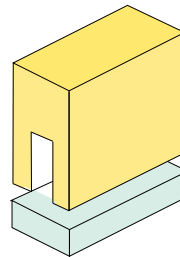


FIGURE 2

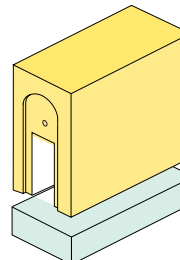
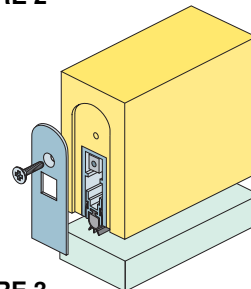


FIGURE 3



OTHER INTEGRITY™ ARCHITECTURAL SEALS INCLUDE:

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

Contact your nearest Lorient office for further details.