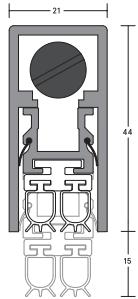


# LAS8013 SI DROP SEAL FITTING GUIDE



LENGTH \_\_\_\_\_

## CONTENTS

- LAS8013 si drop seal
- 2 x die cast end plates
- 1 x striker button
- Bag of screws

## TOOLS REQUIRED

- Tape measure
- Pencil or marker
- Saw, power or hand
- Screw driver
- Drill, power or hand
- 2.5mm drill bit
- Router
- Long series cutter
- Scissors, knife or snips



Gasketing materials for fire doors intended for application to wood and plastic covered composite and wood core doors rated up to 1.5 hours. Listed steel frames and/or classified steel covered composite, hollow metal doors rated up to 3 hours.

For more information please call:

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## INSTALLATION DETAIL

### STEP 1

Check maximum cut back sizes.

### STEP 2

Remove the door from its hinges, lay on it's side and firmly restrain. If the door bottom is already grooved to suit the seal dimensions, 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 21mm wide by 44mm deep groove along the bottom of the door.

### STEP 5

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

### STEP 6

Measure the door width then subtract the thickness of the end plates before marking and cutting to length. At the opposite end to the actuator button, pull back the gasket and using a power/hack saw, cut the aluminium sections to the measured length. Remove cutting swarf/debris. Push gasket back into position and cut to length with a sharp knife.

### NOTE

When cutting the seal to length, shorten the inner carrier by a further 3mm by removing the small self tapping screw from the top of the housing and sliding the internal carrier proud of the housing. Cut to length, slide back and re-fix screw. Push the gasket back into position and cut to length with a sharp knife.

### STEP 7

Position seal 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) depth 3mm.

### STEP 8

Screw fix the end plate and slide the seal 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.

### STEP 9

When the door leaf is re-fitted open and close the door observing the operation of the seal. Adjust accordingly using a flat headed screwdriver to turn the actuator button clockwise to reduce movement and anticlockwise to increase the seal movement.

### 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

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.

**We recommend LAS8013 si drop seal be used together with a Lorient perimeter seal and, if required a threshold plate.**



### 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 275mm  
435mm cuts to 335mm  
535mm cuts to 435mm  
635mm cuts to 535mm  
735mm cuts to 635mm  
835mm cuts to 735mm  
935mm cuts to 835mm  
1035mm cuts to 935mm  
1135mm cuts to 1035mm

### NOTE

Recommendations as to methods, 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.

### NOTE

Die cast end plates in square and radiused versions are available in a metallic finish.

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