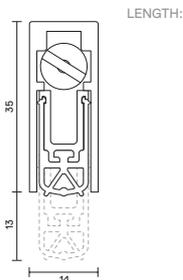


## FITTING GUIDE 8501

### AAS8501

certifire  
CF5179



#### CONTENTS

- AAS8501 drop seal
- Bag containing
  - 2 x end plates
  - 2 x screws
  - 1 x striker button

#### TOOLS REQUIRED

- Tape measure
- Pencil or marker
- Saw (power/hack)
- Drill
- Screw driver
- Knife
- Long series router bit

V2



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## INSTALLATION DETAIL

### STEP 1

Remove the door from its hinges, lay on side and firmly restrain. (If the door bottom is already grooved to suit the seal dimensions, go to Step 5).

### STEP 2

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 3

Fit a suitable cutter to the router and set guide. Machine a 15mm wide by 35mm deep groove along the bottom of the door.

### STEP 4

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

### STEP 5

**WARNING:** Check maximum cut back lengths on the table provided. Measure the door width. Ensure the seal is correct width for door leaf.

At the opposite end to the actuator button and using a power saw/hacksaw, cut the complete aluminium assembly 3mm less than the door width to allow for end plates. Remove cutting swarf.

### STEP 6

Position seal in the groove and mark each of the end plate positions on the edges of the door. Rout to a nominal depth of 1mm to accommodate radiused end plates.

### STEP 7

Screw fix the hinge side end plate to the door leaf and slide the seal into the groove ensuring that the actuator button inserts into the aperture on the end plate.

### STEP 8

Next, screw fix the remaining end plate to hold seal in position. To adjust the gasket height turn brass actuator button anywhere between the blue and red indicator bands on the button. Adjusting to the blue band will provide a nominal 10mm drop. If you over adjust to beyond the red band, the seal will not function properly.

We recommend the AAS8501 drop seal can be fitted with any AURA® or LAS perimeter seal and, if required any AURA® or LAS threshold plate.

### CUT BACK SIZES

Do not cut the seal shorter than the lengths indicated below or this will affect the operation of the internal mechanism.

335mm cuts to 255mm	835mm cuts to 735mm
435mm cuts to 335mm	935mm cuts to 835mm
535mm cuts to 435mm	1035mm cuts to 935mm
635mm cuts to 535mm	1135mm cuts to 1035mm
735mm cuts to 635mm	

### 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 & latches properly.

### DISCLAIMER

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 installation detail without prior notice.



Positive pressure-tested. 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.