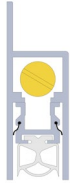


## Fitting Instructions

Drop seal

### LAS 8006si



Length:.....

### Contents include

Aluminium housing	Two end caps
Silicone gasket	Striker button
Actuator button	(drawing pin)
Internal carrier	Bag of screws
Smoke fins	Fitting instructions

### Tools required

Tape measure  
Saw (power or hand)  
Screw driver  
3mm drill bit  
4.5mm drill bit  
Countersinking bit  
Drill (power or hand)  
Knife  
Pencil or marker  
Router & cutter (if semi-mortised)

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## Instructions

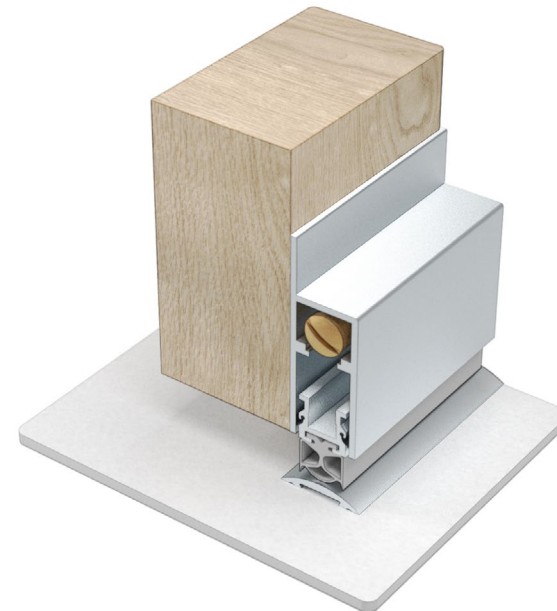
**WARNING** do not cut the seal before the hand of the door or seal location has been determined.

### Reversing - hand of seal

1. Remove the self-tapping screw from the front face.
2. Pulling on actuator button, remove the internal carrier from the housing (ensure not to disturb the sequence of components).
3. Replace the internal carrier into the opposite end of the housing. Ensure that then internal carrier is flush with the end of the housing at the button end.
4. Secure internal carrier by refixing self-tapping screw into the other hole location at the other end of the housing.
5. Check for correct operation before cutting to size.

**Please 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 installation detail without prior notice.*



### 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 Lorient products:

Acoustic, smoke & fire seals  
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Fire resistant door hardware  
Air transfer grilles/ dampers



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## Fitting Instructions

LAS 8006si Drop seal

### Instructions

**WARNING** do not cut the seal before the hand of the door or seal location has been determined.

#### Face-fixed

### Instructions

**WARNING** do not cut the seal before the hand of the door or seal location has been determined.

#### Semi-mortised

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1. Remove seal from packaging.
  2. Measure the distance between the door stops.
  3. **WARNING:** Check maximum cut-back lengths on the table provided.
- Pull back the gasket from the **opposite** end to the actuator button and using a power saw/hacksaw, cut the aluminium sections to the measured length, less 7mm for end caps and clearance. Remove cutting swarf.
- NOTE:** When cutting the seal to length, shorten the inner carrier by a further 3mm by removing the small self tapping screw from the face of the housing and sliding the internal carrier proud of the housing. Cut to length, slide back and re-fix screw. Push gasket back into position and cut to length with a sharp knife.

1. Remove the door from its hinges and cut a stepped rebate 44mm x 21mm (for the bottom section of the seal) and a 25mm x 3mm rebate (for the top flange) on the side of the door to which the seal is to be positioned.
  2. Measure the door width.
  3. **WARNING:** Check maximum cut -back lengths on the table provided.
- Pull back the gasket from the opposite end to the actuator button and using a power saw/ hacksaw, cut the aluminium sections to the door width. Remove cutting swarf.
- NOTE:** When cutting the seal to length, shorten the inner carrier by a further 3mm by removing the small self tapping screw from the face of the housing and sliding the internal carrier proud of the housing. Cut to length, slide back and re-fix screw. Push gasket back into position and cut to length with a sharp knife.

4. Fit the end cap to the actuator button end and position the seal to the bottom face of the door on the stop side, button end tight up to the door stop and allowing a maximum of 15mm between the door bottom and the sill. (See Figure 1) Ensure the actuator button is on the hinge side.
5. Drill and countersink 4.5mm fixing holes in the top flange of the housing. Pre-drill and screw fix to the door using screws provided. Push fit the remaining end cap.
6. For timber frames, position the striker button on the stop where the actuator button meets the door stop.
7. Open and close the door observing the operation of the seal. Adjust accordingly by winding the actuator button clockwise to reduce movement and anti-clockwise to increase the seal movement.

4. Position the seal into the cut rebate. (See Figure 2) Ensure the actuator button is on the hinge side.
5. Drill and countersink 4.5mm fixing holes in the top flange of the housing. Pre-drill and screw fix to the door using screws provided. Push fit end caps.
6. For timber frames, position the striker button on the stop where the actuator button meets the door jamb.
7. Open and close the door observing the operation of the seal. Adjust accordingly by winding the actuator button clockwise to reduce movement and anti-clockwise to increase the seal movement.

**NOTE:** For optimum results the seal should be adjusted so that the silicone gasket touches the sill in the final closing moment of the door.

**NOTE:** For optimum results the seal should be adjusted so that the silicone gasket touches the sill in the final closing moment of the door.

**We recommend the LAS 8006si drop seal be fitted with a perimeter seal and 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.

820mm (may be trimmed back to 720mm)  
920mm (may be trimmed back to 820mm)  
1070mm (may be trimmed back to 920mm).