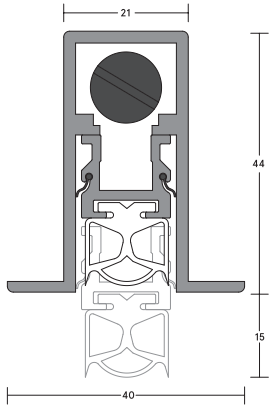


LAS8007 SI DROP SEAL FITTING GUIDE



LENGTH _____

CONTENTS

- LAS8007 si drop seal
- 2 x end caps
- Fixing screws
- 1 x striker button

TOOLS REQUIRED

- Tape measure
- Pencil or marker
- Saw, power or hand
- Screw driver
- Drill, power or hand
- 2.5mm drill bit
- Router + cutting router bit
- Scissors, knife or snips

INSTALLATION DETAIL

STEP 1

Remove the seal from the packaging and 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 the seal in the groove and mark fixing hole positions on the bottom edge. Ensure that the actuator button is on the hinge side of the door.

STEP 8

Drill pilot holes and then screw fix seal into position. Fit end caps.

STEP 9

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. When the actuator button is flush or sub flush, use long nosed pliers to pull the button out to adjust. Firmly holding the threaded rod, turn the actuator button clockwise to reduce movement and anticlockwise to increase the seal movement.

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.

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.

820mm cuts back to 720mm
920mm cuts back to 820mm
1070mm cuts back to 920mm
1220mm cuts back to 1070mm

NOTE

We recommend LAS8007 si drop seal be used together with a Lorient perimeter seal and, if required, a threshold plate.

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.

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