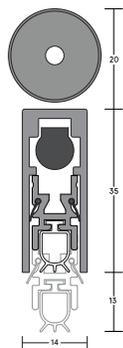


LAS8001M

DROP SEAL

FITTING GUIDE



LENGTH

CONTENTS

- LAS8001 si drop seal
- 2 x end plates
- 2 x screws
- 2 x magnets

TOOLS REQUIRED

- Tape measure
- Pencil or marker
- Saw, power or hand
- Screw driver
- Drill, power or hand
- 2.5mm drill bit
- 20mm drill bit
- Router + long series router bit
- Scissors, knife or snips

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.

INSTALLATION DETAIL

STEP 1

Remove the seal from the packaging and check maximum cut back sizes.

STEP 2

Remove the door from its runner, lay on side and firmly hold. (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. 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 15mm wide by 35mm deep groove along the bottom of the door.

STEP 5

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

STEP 6

At the opposite end to the actuator button, pull back the gasket and using a power/hack saw, cut the aluminium sections 3mm less than the door width to allow for end plates. Remove cutting swarf/debris. 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 1.2mm.

STEP 8

Drill a 20mm wide by 5mm deep hole under the leading edge end plate, using the fixing hole as a centre point. Screw fix the end plate through the magnet on the leading edge and slide the seal into the groove ensuring that the actuator button is on the leading edge side.

STEP 9

Next, screw fix the remaining end plate to hold the seal in position.

STEP 10

Re-fit the door and mark position of opposing magnet on the frame. Drill a 20mm wide by 5mm deep hole and screw fix the magnet in to position. Check alignment to ensure door and magnet are correctly installed.

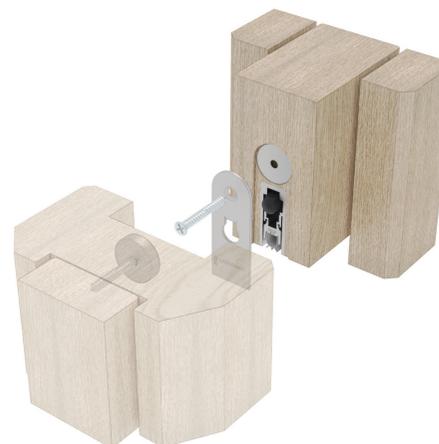
STEP 11

Open and close the door observing the operation of the seal. The magnet should hold the door closed with the seal activated. 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.

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 LAS8001M 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 255mm
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
1235mm cuts to 1135mm

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 any installation detail without prior notice.

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