



Seals

SLS-DRP-300 Series Fitting Instructions

Contents:

- Aluminium Housing
- Silicone Gasket
- Actuator Button
- Fitting Instructions

Bag Contents:

- 2 x Fixing Brackets
- 1 x Striker Button
- Screws

Tools Required:

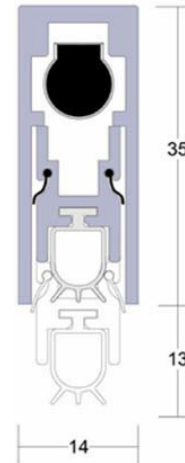
- Tape measure
- Pencil or marker
- Saw (power or hand)
- Screwdriver
- 2.5 mm Drill bit
- Drill (power or hand)
- Knife
- Router
- Long series router bit

Fitting Instructions

1. Remove the seal from the packaging.
2. Remove the door from its hinges, lay on side and firmly hold. (If the door bottom is already grooved to suit the seal dimensions, go to step 5).
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.
4. Fit a suitable cutter to the router and set guide. Machine a 12 mm wide by 31 mm deep groove along the bottom of the door.
5. Clear chips and dust from the groove, check width and depth.
6. Pull back the gasket from the actuator button end and using a power saw/hacksaw cut the aluminium sections* at the opposite end to the actuator button, 3 mm less than the door width to allow for end plates. Remove cutting swarf. Push the gasket back into position and cut to length with a sharp knife.
7. Position the 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).
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.
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. Firmly holding the threaded rod, turn the actuator button clockwise to reduce movement and anticlockwise to increase the seal movement.
10. For timber frames, fix the striker button to the frame opposite the operating button.

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:

For 90 minute applications the drop seal will be supplied with 2mm thick intumescent protection to both vertical edges and across the top edge of the drop seal. We recommend SLS-DRP Range be used together with a perimeter seal and, if required, a threshold plate.

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.

* WARNING:

Seals maybe reduced in length by a maximum of 100 mm. Reducing by more than 100 mm will affect the normal operation of the internal mechanism.

Available in the following lengths:

- 335 mm 835 mm
- 435 mm 935 mm
- 535 mm 1035 mm
- 635 mm 1135 mm
- 735 mm 1235 mm

Please note:

Recommendations as to methods, use of materials and construction details are based on the experience and knowledge of Halspan and are given in good faith as a general guide and service to designers, contractors and manufacturers.

Halspan reserves the right to make alterations or delete installation detail without prior notice.