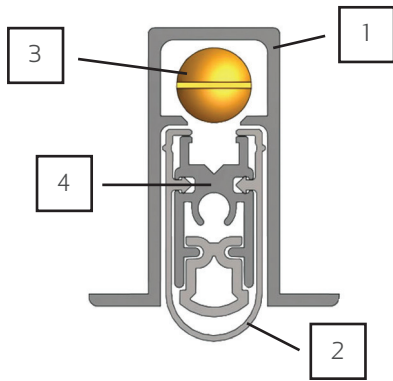


## Fitting Instructions: Automatic door bottom seal



Length:

### Description of contents

- Aluminium Housing (1)
- Silicone Gaskets (2)
- Actuator Button (3)
- Internal Carrier (4)
- Bag Containing
  - 2 - Nylon End Caps
  - 2 - Aluminium End Plates
  - Fixing Screws
- 1 x Striker Button (Drawing Pin)
- Fitting Instructions

### Tools required for installation

- Tape Measure
- Saw (Power or Hand)
- Screw Driver
- 3mm Drill Bit
- Drill (Power or Hand)
- Knife
- Chisel
- Pencil or Marker
- Router
- Long Series Router Bit

### 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

- 420mm cuts to 270mm
- 520mm cuts to 420mm
- 610mm cuts to 520mm
- 820mm cuts to 610mm
- 920mm cuts to 820mm
- 1070mm cuts to 920mm
- 1220mm cuts to 1070mm

## Installation details: Fully mortised installation

- Step 1** Remove the seal from the packaging
- Step 2** 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 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 22mm wide by 43mm deep groove along the bottom of the door.
- Step 5** Clear chips and dust from the groove, check width and depth.
- Step 6** **Warning:** Check maximum cut back lengths on the table provided. (Ref Pg 2)  
Measure the door width. Pull back the gasket from the opposite end to the activator button and using a power/hacksaw, cut the aluminium sections 6mm less than the door width to allow for the end plates. Remove cutting swarf. Push gasket back into position and cut to length with a sharp knife.
- Step 7** Position the seal in the groove and mark the fixing hole position on the bottom edge. Ensure the actuator button is on the hinge side of the door. Mark and cut out the recesses for the end plates with a sharp chisel.
- Step 8** Drill pilot holes and screw fix the seal into position. Pre-drill and screw fix aluminium end plates or push fit the nylon 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 winding the actuator button clockwise to reduce movement and anti-clockwise to increase the seal's movement.
- Step 10** (For timber frames, fix the striker button to the frame opposite the activator 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.

We recommend the IS8530si automatic door bottom seal be fitted with a Kilargo 7000 series perimeter seal and a 4000 series threshold plate.

### Note

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

Kilargo reserves the right to make alterations or delete any 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.



Literature Code: IS8530si 06/17