

Description of contents

- Aluminium Housing (1)
- Silicone Gaskets (2)
- Actuator Button (3)
- Internal Carrier (4)
- Bag Containing
 - 2 - Nylon End Caps (Face fixed and semi-mortised)
 - 2 - Aluminium End Plates (fully-mortised)
 - 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 (if fully or semi-mortised)

Installation details: Fully mortised installation

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- Step 1** Remove the seal from the packaging
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- 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)
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- 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.
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- Step 4** Fit a suitable cutter to the router and set guide. Machine a 22mm wide by 44mm deep groove along the bottom of the door.
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- Step 5** Clear chips and dust from the groove, check width and depth.
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- 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.
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- Step 7** Position the seal in the groove and mark each aluminium end plate position on the edge of the door. Cut out with a sharp chisel.
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- Step 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 into position.
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- 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 seals movement.
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- 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 IS8520si automatic door bottom seal be fitted with a Kilargo Integrity™ 7000 series perimeter seal and a 4000 series threshold plate.

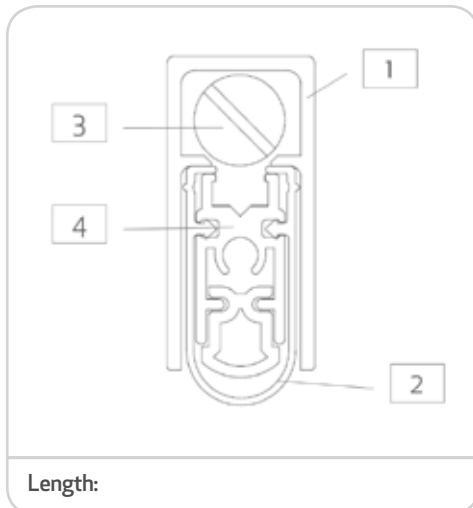
Note

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.



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 275mm
- 520mm cuts to 420mm
- 610mm cuts to 520mm
- 820mm cuts to 610mm
- 920mm cuts to 820mm
- 1070mm cuts to 920mm
- 1220mm cuts to 1070mm
- 1500mm cuts to 1220mm

Other Integrity™ Architectural Seals include:

- Door Perimeter Seals
- Door Bottom Seals
- Automatic Door Bottom Seals
- Threshold Plates
- Brush Seals
- Magnetic Seals

Contact your nearest Kilargo office for further details.

Installation details: Semi mortised installation

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- Step 1** Remove the seal from the packaging.
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- Step 2** Remove the door from its hinges, lay on side and firmly restrain. (If the door bottom is already rebated to suit the seal dimensions, go to Step 4)
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- Step 3** Fit a suitable cutter to the router and set guide. Machine a 44mm x 21mm rebate on the side of the door to which the seal is to be positioned.
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- Step 4** Clear chips and dust from the rebate, check width and depth.
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- Step 5** **Warning:** Check maximum cut back lengths on the table provided. 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 caps. Remove cutting swarf. Push gasket back into position and cut to length with a sharp knife.
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- Step 6** Position the seal in the cut rebate. Ensure the actuator button is on the hinge side. Pre-drill and screw fix to the door using the screws provided. Push fit the nylon end caps.
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- Step 7** 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 seals movement.
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- Step 8** (For timber frames, fix the striker button to the frame opposite the actuator button)
Note: For optimum results the seal should be adjusted so that the seal's silicone gasket touches the sill in the final closing moment of the door.

Installation details: Face fixed installation

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- Step 1** Remove the seal from the packaging.
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- Step 2** Measure the distance between the door stops.
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- Step 3** **Warning:** Check maximum cut back lengths on the table provided. Pull back the gasket from the opposite end to the activator button and using a power/hacksaw, cut the aluminium sections 7mm less than the measured length to allow for the end caps and clearance. Remove cutting swarf. Push gasket back into position and cut to length with a sharp knife.
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- Step 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 for a maximum of 15mm between the door bottom and the sill. Ensure the actuator button is on the hinge side. Pre-drill and screw fix to the door using the screws provided. Push fit the remaining nylon end caps.
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- Step 5** 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.
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- Step 6** (For timber frames, fix the striker button to the frame opposite the actuator button)
Note: For optimum results the seal should be adjusted so that the seal's silicone gasket touches the sill in the final closing moment of the door.