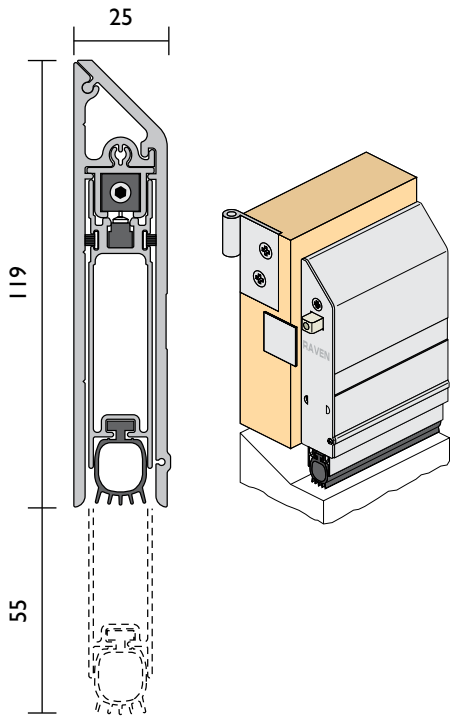
RP92Si

FITTING INSTRUCTIONS
Automatic Door Bottom Seal
Anti-microbial Silicon Gasket



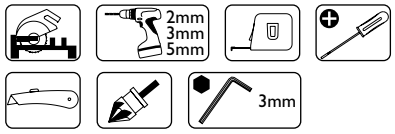
DETAILS

LOCATION
Single and double butt hinged doors.

MIN/MAX GAP
25mm to 55mm.

SEAL MATERIAL
Silicon Rubber.

STANDARD FINISH
Aluminium anodised Satin Clear (Silver) outer. Black anodised inner.

TOOLS


ADDITIONAL DETAILS

SEAL SIZES
1200mm, 1070mm, 920mm, 820mm to 600mm (min). Seals cut back to exact size.

FIXING METHOD
Zinc plated, cross recess head S.T. screws of the appropriate size and colour are supplied. Escutcheon plates and self adhesive striker plate (25mm x 25mm) included.

REPLACEMENT SEAL
RP347Si.

DESCRIPTION

RP92Si is a heavy duty automatic door bottom seal, which is spring loaded to lift clear of the floor as soon as the door leaf is opened by a few millimetres. RP92Si is designed for butt hinged doors with large gaps and can accommodate ramped floors/ sills with gradients up to 1:5. Particularly suitable for wheelchair access ramps where large clearances are necessary under inward opening doors. Larger gaps can be accommodated if set lower on the door bottom and smaller gaps if set higher on the door bottom (user determined). If fitting a door frame seal, consider the fitment option, refer notes.

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Designed and produced by Raven Products Pty Ltd (Australia)

Raven Products is an ISO9001 QMS company certified by SGS

Made in P.R.C. by Raven

Part No. ZSDSRP92Si

NOTES

» On aluminium door frames it may be necessary to remove a small section of the door stop to allow enough area for the **brass striker block** and **striker plate**, or when fitting seal to the full width of the door frame **STEP 3 PAGE 2**.

» When fitting the seal to the full width of the door, the aluminium door stops can be checked out to suit seal profile (user determined). **(FIG.1) PAGE 2**

MINIMUM CUT BACK LENGTHS

WITH ESCUTCHEON PLATES

Nominal Seal Lengths:	Cuts back to:
1223mm	1073mm
1073mm	923mm
923mm	823mm
823mm	603mm

INSTALLATION

STEP 1 Remove **CSK escutcheon plate screw**, **pan head screw** and **escutcheon plate** from both ends of seal. **(FIG.2)**

STEP 2 Slide the **inner assembly** from the **base extrusion (FIG.3)**. Take note of the side with the brass striker block. The brass striker block **must** go back into **this** side of the inner assembly. Note sticker attached. When cutting to length **DO NOT** cut this side of the inner assembly.

STEP 3 Measure the distance between the door stops. **(FIG.1)** Or **optionally**, in case of **aluminium** door frames, between the door frame jambs. Refer notes **PAGE 1**. To allow for door opening clearance **machine cut** on the **latch side** of the **base** and **cover extrusion only** less approximately 5mm **(FIG.3)**. **Important:** Good quality square cuts are essential for the escutcheon plates to seat properly.

STEP 4 Slide **cover extrusion** from **base extrusion**. With door closed, position **base extrusion** on bottom of door 1.6 - 2mm from the hinge side stop. **(FIG.4)** Make sure **base extrusion** is **parallel** with **sill**. Drill and countersink six **3mm** dia. holes for 8 gauge x 19mm countersink **mounting screws** supplied. Screw mounting screws into position. All mounting screws must be flush with the **base extrusion** so as not to hinder the seal operation.

STEP 5 **Machine cut** the **inner assembly** on the opposite side of the **brass striker block 4mm** less than the **base extrusion**. This allows operating clearance between the **escutcheon plates** when fully assembled.

STEP 6 Determine **hand** of door. The brass striker block must be fitted on the **hinge** side. **Turn** the inner assembly **around** to suit the hand of door then slide the **inner assembly** all the way into the **base extrusion**. **(FIG.5)**

STEP 7 Slide the **cover extrusion** into the **base extrusion** being sure to locate all guides.

STEP 8 Position **escutcheon plates** onto ends of door seal and screwfix, making sure to position the **location lugs** correctly. Replace pan head screws. **(FIG.7)**

STEP 9 Close the door and observe **seal clearance**. Adjust seals action travel by removing brass striker block. **(FIG.3)** Remove lock screw with a 3mm allen key to allow adjustment. Turning adjusting screw (bolt) **clockwise** will **decrease** seal travel while turning **anti-clockwise** will **increase** seal travel. Replace brass striker block and close door to check sealing action. Replace lock screw. Maximum seal action travel **=55mm**. It is not necessary to compress the seal since this will increase seal wear.

STEP 10 It is important that the **brass striker block** has a flat durable surface to strike against. A self adhesive **striker plate** has been supplied for this purpose. **(FIG.6)** Apply a small amount of nonstaining lubricating **grease** to the **brass striker block** end and sides. Carefully **remove all sharp edges** from the escutcheon plate with emery paper.

FIG. 1

PLAN VIEW

FIG. 2

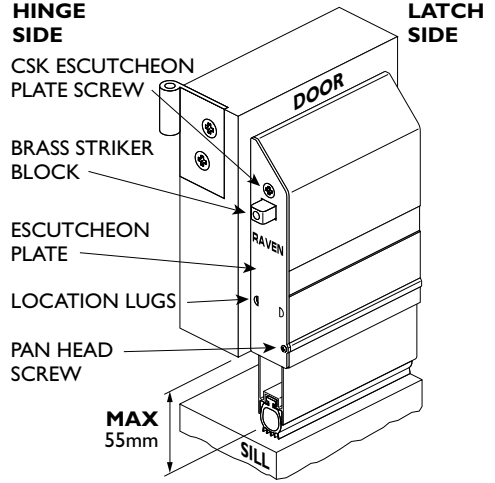
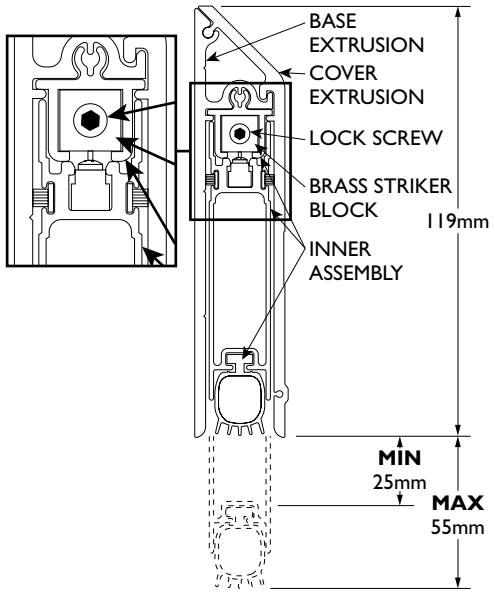


FIG. 3



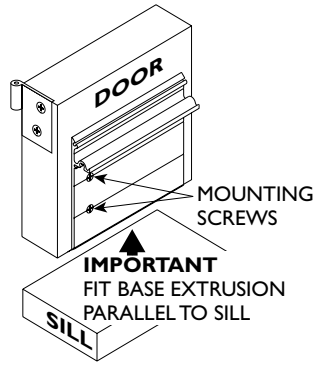


FIG. 5

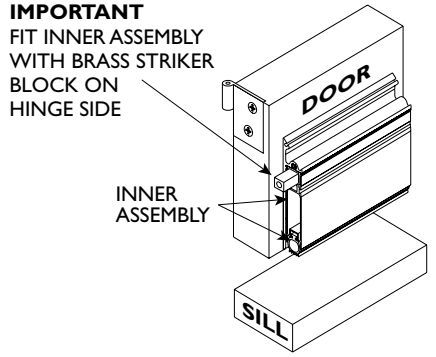


FIG. 6

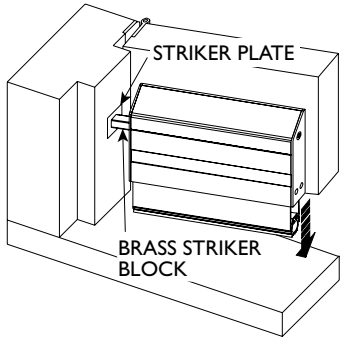


FIG. 7