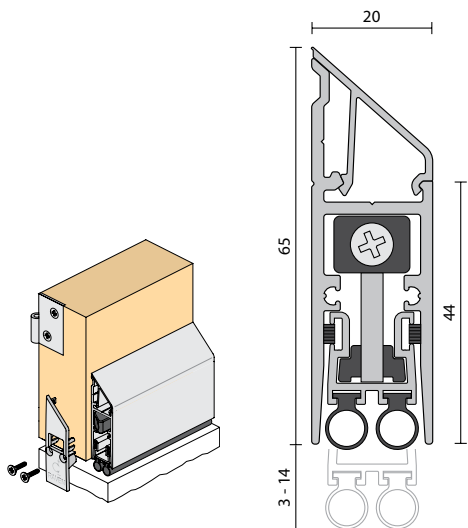


RP128Si



FITTING INSTRUCTIONS

Automatic Door Bottom Seal Anti-microbial Silicon Gasket



Category J door bottoms are intended for application to/with Classified hollow metal and steel covered composite type fire doors rated up to and including 3 hrs. and wood and plastic covered composite and wood core fire doors rated up to and including 1-1/2 hrs.

DETAILS

LOCATION

Single and double butt hinged door bottoms.

MIN/MAX GAP

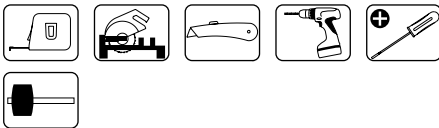
3mm to 14mm.

SEAL MATERIAL

Silicon Rubber.

REPLACEMENT SEAL

RP3126Si.



TOOLS

DESCRIPTION

RP128Si is a heavy duty door bottom seal, with an extruded silicon sealing component that conforms to the 200°C requirement of NCC S12C4. The seal is operated automatically by pressure against the door stop on the adjustment block. It seals when the door closes and retracts automatically when the door is opened. It is self levelling. RP128Si has been approved on proprietary fire doors. Meets leakage rates specified in AS 6905, BS EN 13501-2 "Sa" & "Sm". Tested to AS 1530.7, BS EN 1634-3.

NOTES

- » RP128Si may be face mounted only.
- » Do not cut RP128Si shorter than the length recommended as this may affect the seal operation and void warranty.
- » Determine hand of door **before cutting** RP128Si to size. Adjustment screw must be on hinge side (**FIG.1**) **PAGE 1**.
- » Cut back latch end only.
- » If doors are exposed to weather, any untreated exposed timber should be sealed with a wood primer.
- » **CAUTION:** Do not withdraw inner extrusion further than outer housing since this may damage mechanism. (**FIG.3**) **PAGE 2**
- » To remove cover strip once fitted, it is recommended to slide off or if tight, lever off with a large flat blade screw driver under leg. (**FIG.3**) **PAGE 2**
- » Do not use power or battery driven tools to fit escutcheon plates.

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Part No. ZSDSRP128Si

REVERSING INTERNAL MECHANISM

FOR HAND OF DOOR

- STEP 1** Remove self tapping screw from hole 1. (**FIG.1**)
- STEP 2** Pull on adjustment block and slide inner assembly from housing. **CAUTION:** Be gentle with internal mechanism.
- STEP 3** Turn inner assembly around and replace from opposite end.
- STEP 4** Replace new self tapping screw into hole 2. This secures inner assembly. (**FIG.1**) Install plastic plug supplied with escutcheon plate set to blank hole 1.
- STEP 5** Operate RP128Si by hand to check for correct assembly.
- STEP 6** Wind adjustment screw anti-clockwise until it stops. **Note:** Do not overtighten as this may damage components and void warranty.

MINIMUM CUT BACK LENGTHS

WITHOUT ESCUTCHEON PLATES

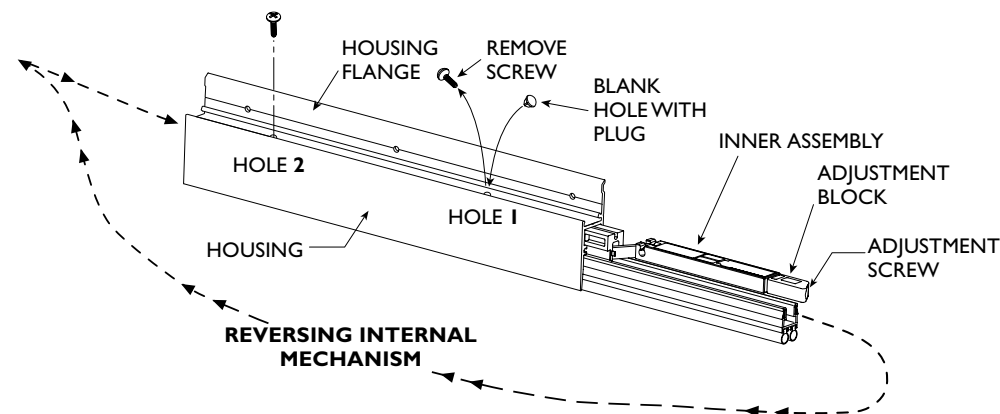
Nominal Seal Lengths:	Cuts back to:
1500mm	1220mm
1220mm	1070mm
1070mm	920mm
920mm	820mm
820mm	600mm
600mm	305mm

WITH ESCUTCHEON PLATES

Total length of product is increased by 4mm.

Nominal Seal Lengths:	Cuts back to:
1504mm	1224mm
1224mm	1074mm
1074mm	924mm
924mm	824mm
824mm	604mm
604mm	309mm

FIG. 1



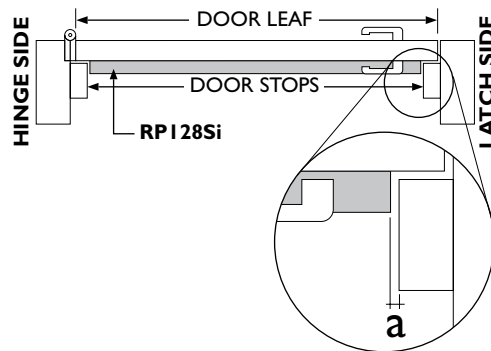
INSTALLATION

- STEP 1** Check hand of door and seal orientation. Refer Reversing Internal Mechanism (**FIG.1**) **PAGE 1** to change. If reversal of internal mechanism is not required, blank hole **2** (**FIG.1**) **PAGE 1** now. Go to **STEP 3** this page.
- STEP 2** Measure the distance between the door stops. (**FIG.2**)
- STEP 3** To allow for door opening clearance on latch side and clearance for escutcheon plates, machine cut RP128Si shorter by dimension "a" (**FIG.2**). Cut latch end only.

Seal Unit	FIG.2 DIM "a"
600mm	7mm
820, 920 & 1070mm	5mm
1220mm & 1500mm	4mm

- STEP 4** To allow for operating clearance, file cut end of the inner extrusion 1mm shorter on the latch side. Cut gasket and inner seal with a sharp utility knife.
CAUTION: Do not withdraw inner extrusion further than outer housing since this may damage mechanism. (**FIG.3**)
- STEP 5** Fit escutcheon plates with smallest screws supplied (do not use a powered driver). (**FIG.4**)
Note: Pull down inner extrusion by a few millimetres when fitting escutcheon plates. (**FIG.5**)
- STEP 6** Wind adjustment screw anti-clockwise until it stops. (**FIG.3**) **Note:** Do not overtighten as this may damage components and void warranty.
- STEP 7** With door closed, position RP128Si hard against **hinge** side stop and level with door bottom.

FIG.2
PLAN VIEW



Adjustment screw must be on hinge side. (**FIG.2 & FIG.3**)

- STEP 8** Screw fix through slots provided with largest screws supplied.
- STEP 9** Fit the cover strip by hooking the front leg into position. Then with a rubber mallet, lightly tap the top of the cover strip from one end to the other to snap in rear leg. (**FIG.6**)
- STEP 10** For soft timber stops, position striker button where adjustment block meets door stop. (**FIG.7**)
- STEP 11** Pull **adjustment block** out from housing to orientate the **adjustment block** correctly. (**FIG.8**)
- STEP 12** Open door and turn adjustment screw clockwise one turn.
- STEP 13** Close door gently and observe the action of the RP128Si. The seal should engage the sill lightly. For adjustment, only turn the adjustment screw **clockwise** half a turn at a time, then close door to check seal travel before further adjustment. Turning screw **clockwise** increases seal travel, **anti-clockwise** decreases seal travel. Repeat this step until the gaskets contact the sill along the full length of the product.

FIG.3

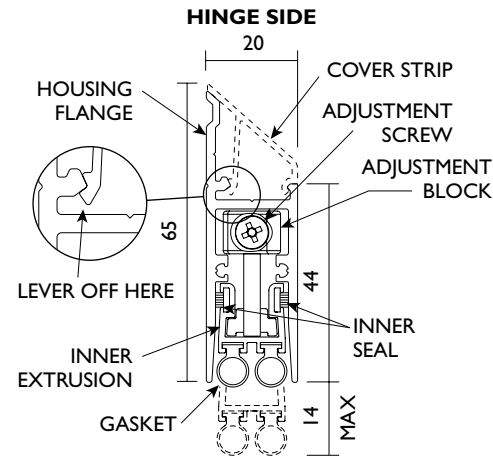


FIG.4

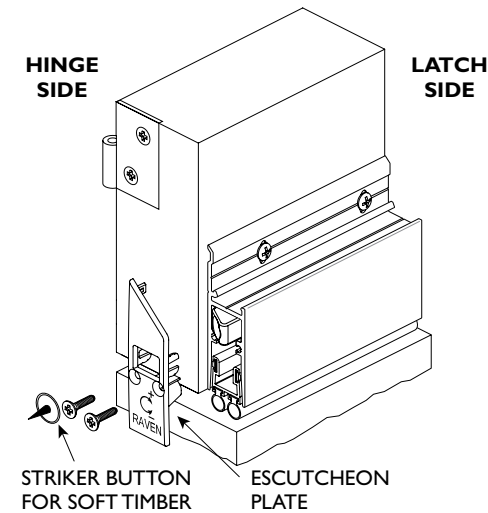


FIG.5

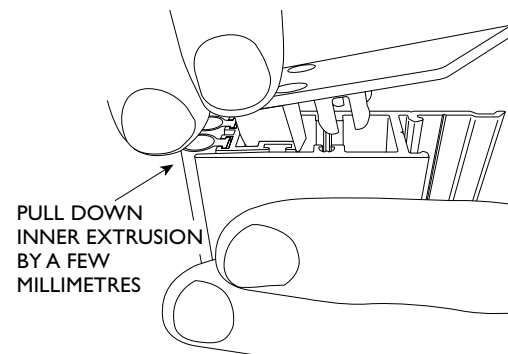


FIG.6

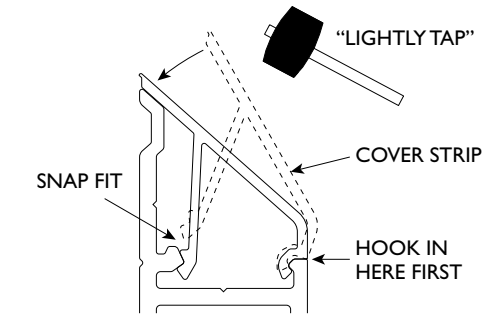


FIG.7

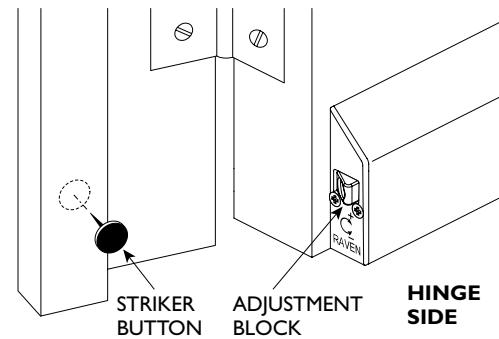
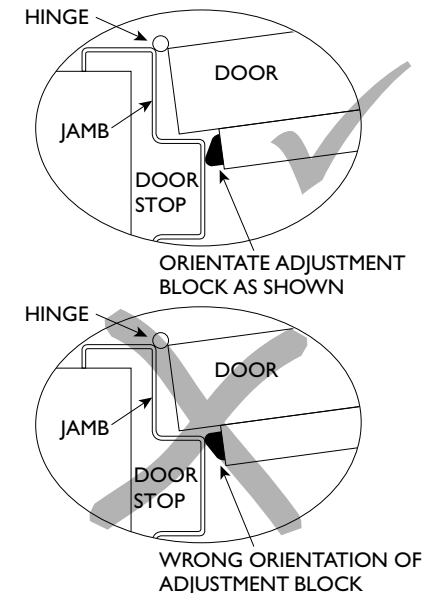
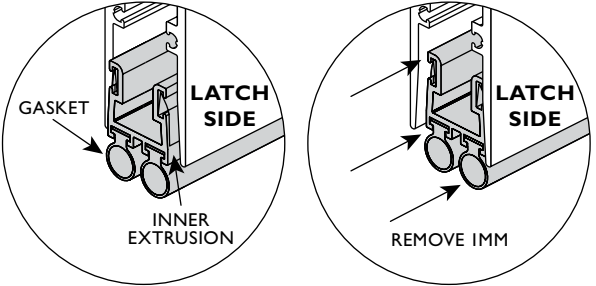
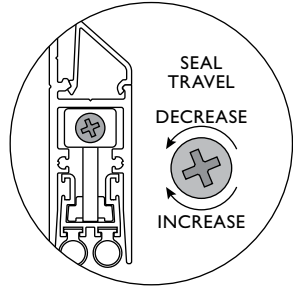


FIG.8



PROBLEM	SOLUTION	
	<p>SOLUTION 1</p> <p>First, repeat directions in STEP 4:</p> <p>Remove latch side escutcheon plate, and file cut end to allow for operating clearance, file cut end of the inner extrusion Imm shorter on the latch side. Cut gasket and inner seal with a sharp utility knife.</p> <p>Re-fit latch side escutcheon plate and open and close door to check correct sealing.</p> <p>CAUTION: Do not withdraw inner extrusion further than outer housing since this may damage mechanism. (FIG.3).</p>	
<p>The seal does not drop evenly/correctly.</p>	<p>SOLUTION 2</p> <p>Repeat directions in STEP 13:</p> <p>Turning screw clockwise increases seal travel, anti-clockwise decreases seal travel. Repeat this step until the gaskets contact the sill along the full length of the product.</p>	
	<p>CONTACT RAVEN SUPPORT</p> <p>In rare cases, the CONNECTING ROD on the LATCH SIDE of the seal can break. Replacing the rod is a straight-forward process.</p> <p>Contact Raven at tech.advice@raven.com.au to request a replacement part.</p>	