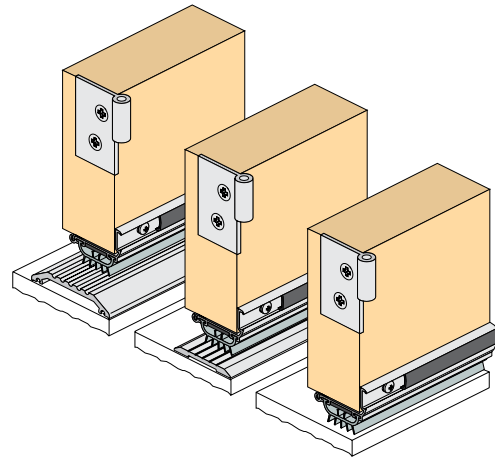
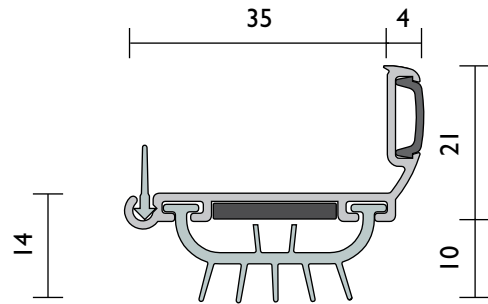


RPI 14



## FITTING INSTRUCTIONS

## Intumescent Door Bottom Fire Seal



## DETAILS

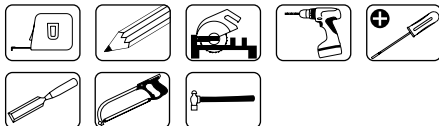
## LOCATION

Bottom of fire and smoke doors.

## MIN/MAX GAP

14mm to 20mm (without Raven threshold plate).

## TOOLS



## SEAL MATERIAL

Intumescent infill. PVC cover strip and Silicon gasket.

## SEAL SIZES

820mm, 920mm, 1220mm.

## USED IN CONJUNCTION

Approved Raven door frame seals and threshold plates.

## REPLACEMENT SEAL

RP304Si.

## DESCRIPTION

RPI 14 is a door bottom intumescent fire and hot smoke seal that is designed to salvage non-compliant fire doors where clearances exceed 10mm under fire doors as per AS/NZS 1905.1.

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Raven Products is an  
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Designed and produced by  
Raven Products Pty Ltd  
(Australia)

Made in P.R.C. by Raven

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Part No. ZSDSRPI14

- » If finned gasket is kinked or deformed, submerge in hot water for 1 minute to return to original shape.
- » If doors are exposed to weather, any untreated exposed timber should be sealed with a wood primer.

**SINGLE INWARD OPENING DOOR**

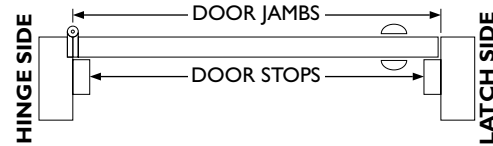
- STEP 1** With door closed, scribe line on door bottom 14-20mm from sill. Make sure line is parallel with sill. (FIG.2)
- STEP 2** Remove door and accurately trim door bottom to suit. Lightly sand and paint door bottom to seal timber. Refer notes PAGE 1. Re-hang door.
- STEP 3** Remove cover strip. (FIG.2)
- STEP 4** Machine cut RPI 14 to full width between door jambs less 2mm for clearance on latch side. (FIG.1)
- STEP 5** With door closed, fit RPI 14 to inside face of door and hard against hinge side jamb. (FIG.1 & FIG.2)
- STEP 6** Screw fix lightly in centre of slots with pan head screws supplied.
- STEP 7** Adjust RPI 14 so that sealing fins lightly engage contact surface. Tighten screws.
- STEP 8** Open and close the door to check for correct latching.
- STEP 9** Trim cover strip 3mm less than RPI 14 and fit in screw channel. (FIG.2) Centre cover strip to allow for cover strip lock tabs each end. Push in cover strip lock tabs and lightly tap in flush with a small hammer. The cover strip lock tabs lock the cover strip in position. (FIG.3)

**SINGLE OUTWARD OPENING DOOR**

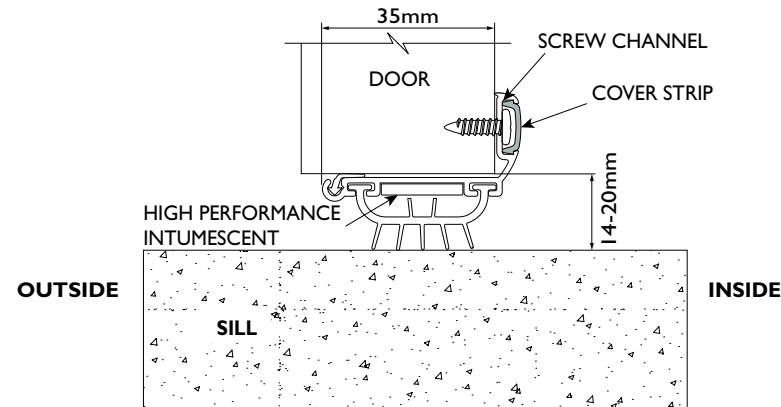
- Follow **STEPS 1, 2, 3** and now **STEP 10**.
- STEP 10** Check out aluminium top section to suit. Now **STEPS 4, 5, 6, 7, 8 & 9**.

**FIG.1**

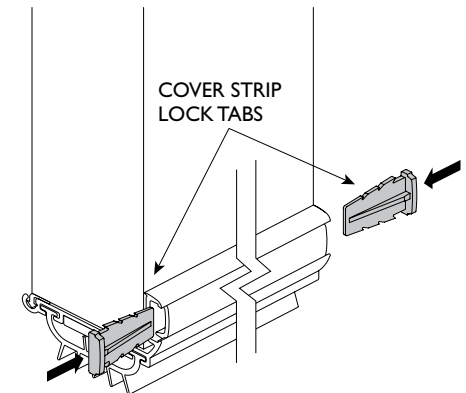
**PLAN VIEW**



**FIG.2**



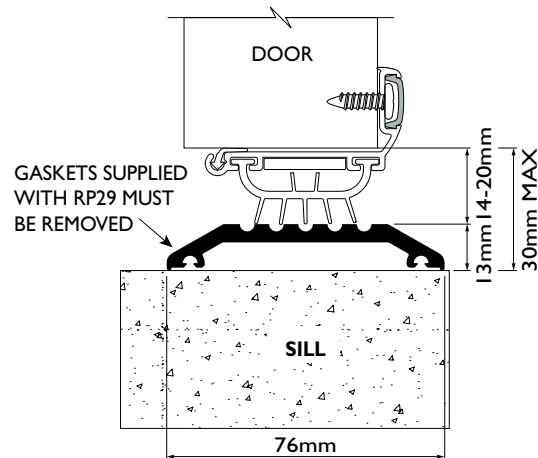
**FIG.3**



**APPROVED THRESHOLD PLATES**

**APPROVED FOR PROPRIETARY FIRE DOORS TO AS/NZS 1530.4**

**RP114 FITTED WITH RP29**



**RP114 FITTED WITH RP95**

