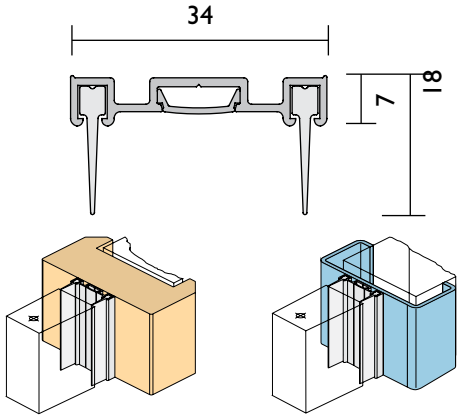


RPI30Si



FITTING INSTRUCTIONS

Acoustic and medium temperature smoke sealing of timber pivot doors.
Anti-microbial Silicon Fins



DETAILS

LOCATION

Perimeter of pivot doors.

MIN/MAX GAP

14mm to 18mm.

SEAL MATERIAL

Seals: Silicon Rubber.

Cover strip: PVC.

REPLACEMENT SEAL

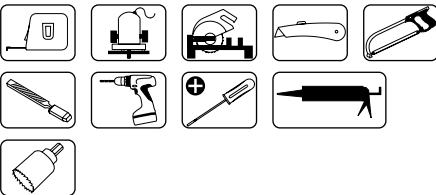
RP3129Si.

USED IN CONJUNCTION

Raven RPI29F, RPI29Si and other Raven door bottom seals.

Raven threshold plates.

TOOLS



DESCRIPTION

A medium temperature perimeter smoke seal with a silicon sealing fin specifically designed for pivot doors. A sealing system that meets the deemed to satisfy specification of NCC S12C4. (tested to AS 1530.7 and EN 1634-3) which meets the smoke leakage requirements of AS 6905 and equivalent to "Sa" & "Sm" BS EN 13501-2 when fitted on tested smoke doors. RPI30Si may also be fitted to the edge of the doors.

NOTES

- » Minimum door thickness 40mm recommended. Check type and dimensions of latching hardware.
- » Check door dimensions and clearances. Door may need to be trimmed and/or door pivot adjusted to suit.
- » If the door faces are likely to be exposed to a pressure differential greater than 50Pa or doors are larger than 920mm wide x 2040mm high, then automatic or self latching/bolting should be considered.
- » Ensure all sealing surfaces are free from burrs and sharp edges to maximise seal life.
- » May be fitted to the door edges.

Meeting Stiles: One RPI30Si is fitted onto one leaf only.

Door Bottoms: One RPI29F or RPI29Si is screwed to each door bottom.

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Designed and produced by
Raven Products Pty Ltd
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Raven Products is an
ISO9001 QMS company
certified by SGS

Made in P.R.C. by Raven
Copyright: 08/24 (F)
Part No. ZSDSRPI30Si

NOTES

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Meeting Stiles: One RPI 30Si is fitted onto one leaf only.

Door Bottoms: One RPI 29F or RPI 29Si is screwed to each door bottom.

- STEP 1** Remove cover strip and slide seals back when machine cutting to size. This avoids seal damage. Measure and machine cut aluminium to size.
- STEP 2** Cut seal and cover strip to size with a utility knife or a pair of scissors.
- STEP 3** Check out or drill aluminium holder to accommodate pivot hardware and for latch if used, taking care that screw holes line up accordingly.
- STEP 4** Use 2mm drill as pilot holes for screws.
- STEP 5** With door/doors closed and the cover strip removed, position the RPI 30Si to check sealing engagement in all positions. The sealing surface should lightly engage the RPI 30Si seal. 1 - 4mm interference is suggested.
- STEP 6** Check and adjust door clearances as required. Remove door.
Note: Only trim door to suit within door manufacturer specifications..
- STEP 7** Lightly screw fix RPI 30Si in the centre of every adjusting slot starting at the head first. Proceed to fit the seals.
Note: The seals should overlap at the head and jamb corners.

STEP 8 If fitting seals to door edges and for meeting stile seals, lightly crimp ends of aluminium channel to prevent silicon seal from moving.

STEP 9 Hang door. Open and close door to check sealing action.

STEP 10 Push in cover strip.

FIG.1

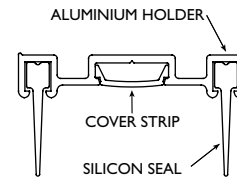


FIG.2

