

## RP4

DOOR BOTTOM SWEEP SEALS



A storm proof door bottom seal and threshold plate that is ideal where maximum weather protection is required. The RP4 multi-blade seal defies rain infiltration.

Can be fitted to the square cut bottom of a door without removing the door, provided there is an existing gap of 25mm. It is quick and easy to fit to both door and sill.

The sealing section is slotted for adjustment.

Also available as an intumescent fire and hot smoke seal. Refer to RP4FZ.

## SPECIFICATIONS

### Location

Bottom of single and double butt hinged doors and sill. Minimum door thickness of 35mm.

### Size/Length

926mm, 1000mm, 1250mm, 1500mm, 1750mm, 2000mm, 3000mm

### Fixing

Screw Fixed

### Fixing Note

Concealed screw fix. Zinc plated, cross recess head S.T. screws and cover strip supplied. Fixing holes are pre-slotted. Threshold plate fixing holes are pre-punched and countersunk.

### Min & Max Gap

23mm to 25mm

### Replacement Seals

[RP404](#), [RP404a](#), [RP404b](#)

### Available Colours

Black Anodised, Bronze Anodised, Gold Anodised, Silver Anodised

**Product Sizes/Lengths:** Product lengths greater than 2m can only be purchased from Raven distributors and stockists. Please contact Raven Sales for assistance

**Material**

Aluminium

**Door/Frame Construction**

Timber

**Door Type**

Single Inward Opening, Single  
Outward Opening, Double Inward  
Opening, Double Outward  
Opening, Pivot

**Material Description**

Anodised aluminium with flexible  
PVC gaskets.

Note: Architectural perimeter seal  
and door bottom extrusions are  
anodised 15µm and threshold  
plates are anodised 25µm for  
maximum durability. Black  
aluminium is anodised 25µm to  
40µm.

**User determined gap**

No

**Prior to installation gap**

No

## APPROVALS

**Access & Mobility AUS/NZ**

NZBC D1/AS1 1.3.2

**Access & Mobility UK/EU**

Approved Document M

**Energy AUS/NZ**

ABCB Housing Provisions Standard 2022 13.4.4, NCC  
J5D5

**Insects & Vermin AUS/NZ**

AS 4674 Sect. 2.1.5 Pt. (iv), AS 4674 Sect. 2.1.7

## VARIATIONS

**Product Code**

**Colour**

**Length**

A4B1000

Bronze Anodised

1000mm

A4B1250

Bronze Anodised

1250mm

A4B1750

Bronze Anodised

1750mm

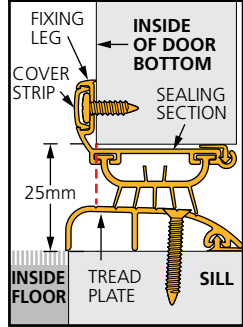
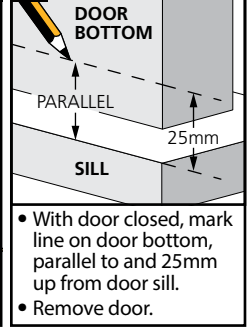
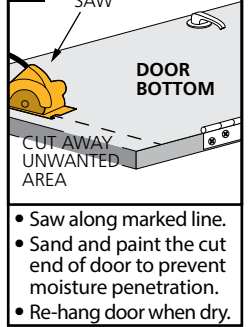
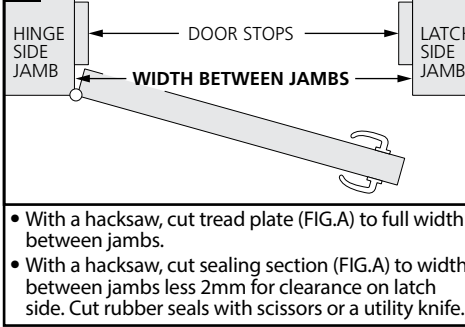
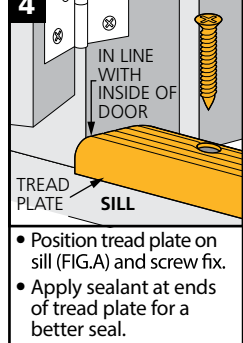
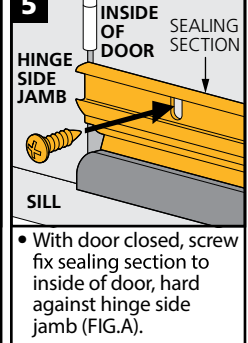
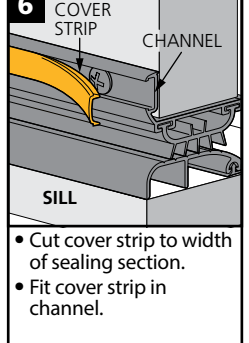
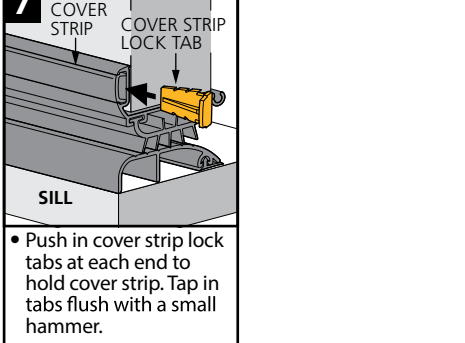
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A4C1000	Silver Anodised	1000mm
A4C1250	Silver Anodised	1250mm
A4C1750	Silver Anodised	1750mm
A4C1500	Silver Anodised	1500mm
A4C2000	Silver Anodised	2000mm
A4C3000	Silver Anodised	3000mm
A4G1000	Gold Anodised	1000mm
A4G1250	Gold Anodised	1250mm
A4G1750	Gold Anodised	1750mm
A4G2000	Gold Anodised	2000mm
R4B	Bronze Anodised	926mm
R4C	Silver Anodised	926mm
R4G	Gold Anodised	926mm
A4BK1000	Black Anodised	1000mm

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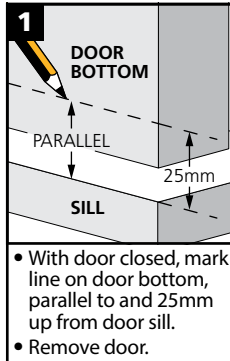
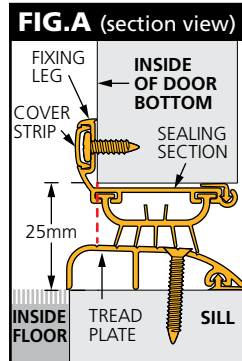
### HOW TO FIT RP4

For single inward opening doors:

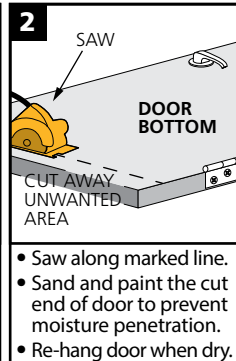
<p><b>FIG.A</b> (section view)</p>  <p>FIXING LEG INSIDE OF DOOR BOTTOM COVER STRIP SEALING SECTION 25mm INSIDE FLOOR TREAD PLATE SILL</p>	<p><b>1</b></p>  <p>DOOR BOTTOM PARALLEL 25mm SILL</p> <ul style="list-style-type: none"> <li>• With door closed, mark line on door bottom, parallel to and 25mm up from door sill.</li> <li>• Remove door.</li> </ul>	<p><b>2</b></p>  <p>SAW DOOR BOTTOM CUT AWAY UNWANTED AREA</p> <ul style="list-style-type: none"> <li>• Saw along marked line.</li> <li>• Sand and paint the cut end of door to prevent moisture penetration.</li> <li>• Re-hang door when dry.</li> </ul>	<p><b>3</b></p>  <p>HINGE SIDE JAMB DOOR STOPS LATCH SIDE JAMB WIDTH BETWEEN JAMBS</p> <ul style="list-style-type: none"> <li>• With a hacksaw, cut tread plate (FIG.A) to full width between jamba.</li> <li>• With a hacksaw, cut sealing section (FIG.A) to width between jamba less 2mm for clearance on latch side. Cut rubber seals with scissors or a utility knife.</li> </ul>
<p><b>4</b></p>  <p>HINGE SIDE JAMB INSIDE OF DOOR TREAD PLATE SILL</p> <ul style="list-style-type: none"> <li>• Position tread plate on sill (FIG.A) and screw fix.</li> <li>• Apply sealant at ends of tread plate for a better seal.</li> </ul>	<p><b>5</b></p>  <p>INSIDE OF DOOR SEALING SECTION HINGE SIDE JAMB SILL</p> <ul style="list-style-type: none"> <li>• With door closed, screw fix sealing section to inside of door, hard against hinge side jamb (FIG.A).</li> </ul>	<p><b>6</b></p>  <p>COVER STRIP CHANNEL SILL</p> <ul style="list-style-type: none"> <li>• Cut cover strip to width of sealing section.</li> <li>• Fit cover strip in channel.</li> </ul>	<p><b>7</b></p>  <p>COVER STRIP COVER STRIP LOCK TAB SILL</p> <ul style="list-style-type: none"> <li>• Push in cover strip lock tabs at each end to hold cover strip. Tap in tabs flush with a small hammer.</li> </ul>

### HOW TO FIT RP4

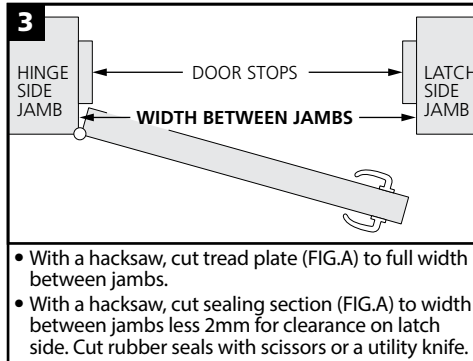
For single outward opening doors:



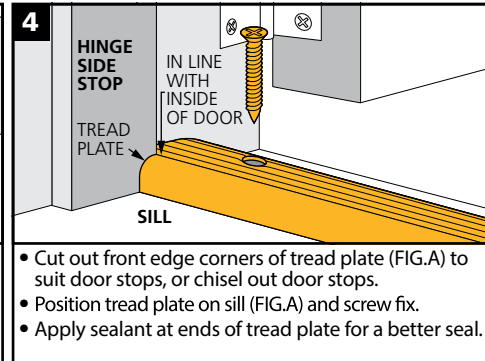
- With door closed, mark line on door bottom, parallel to and 25mm up from door sill.
- Remove door.



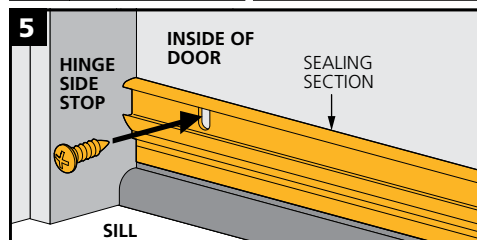
- Saw along marked line.
- Sand and paint the cut end of door to prevent moisture penetration.
- Re-hang door when dry.



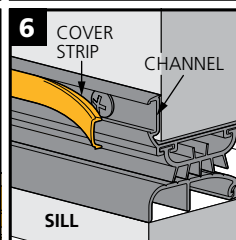
- With a hacksaw, cut tread plate (FIG.A) to full width between jambs.
- With a hacksaw, cut sealing section (FIG.A) to width between jambs less 2mm for clearance on latch side. Cut rubber seals with scissors or a utility knife.



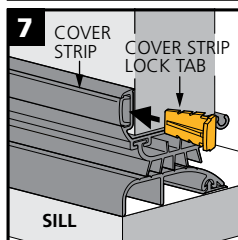
- Cut out front edge corners of tread plate (FIG.A) to suit door stops, or chisel out door stops.
- Position tread plate on sill (FIG.A) and screw fix.
- Apply sealant at ends of tread plate for a better seal.



- Cut out small portion each end of sealing section fixing leg (FIG.A) to allow for clearance at door stops.
- With door closed, screw fix sealing section to inside of door, hard against hinge side jamb (FIG.A).



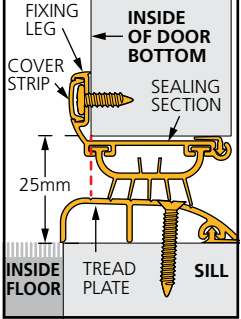
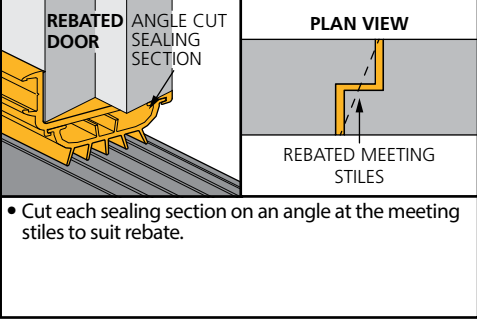
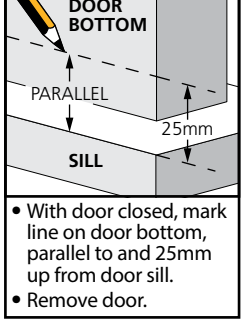
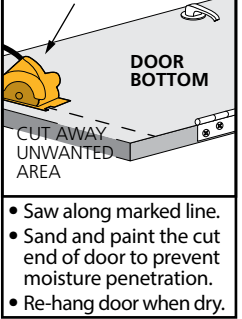
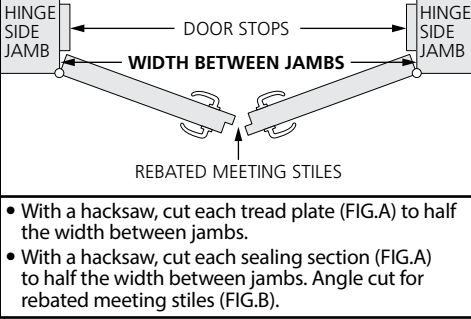
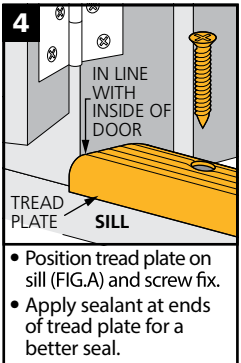
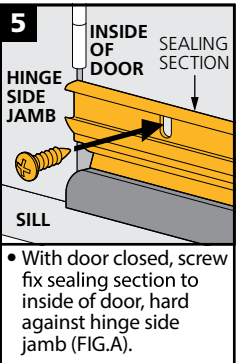
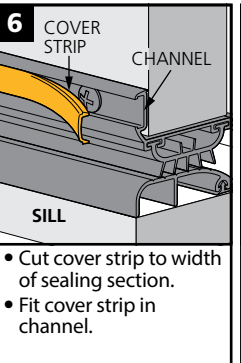
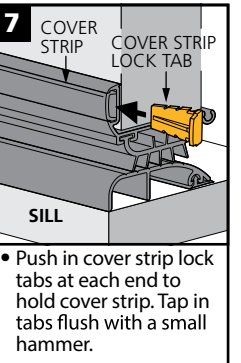
- Cut cover strip to width of sealing section.
- Fit cover strip in channel.



- Push in cover strip lock tabs at each end to hold cover strip. Tap in tabs flush with a small hammer.

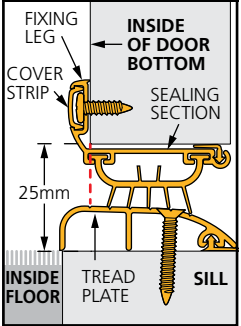
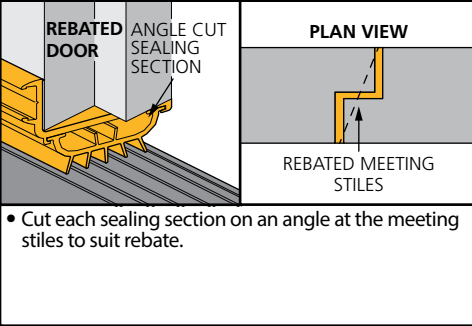
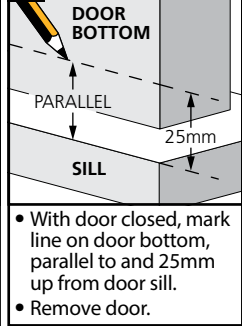
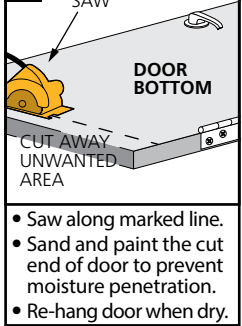
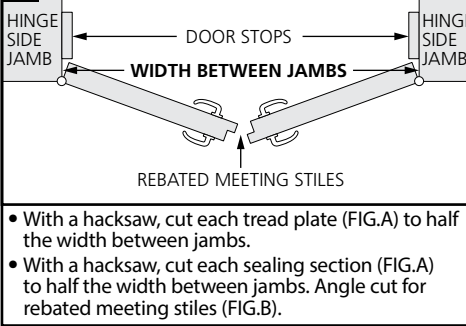
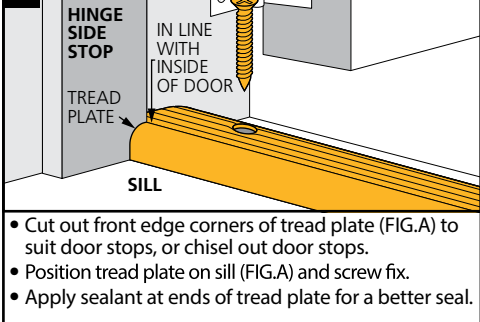
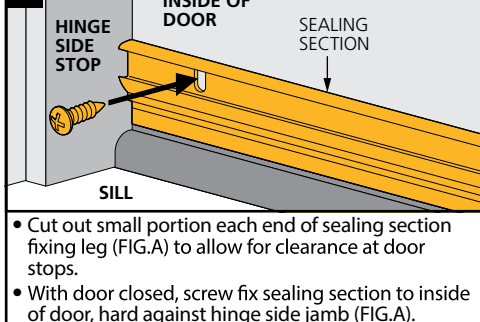
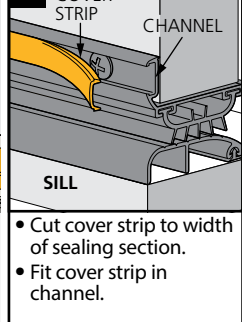
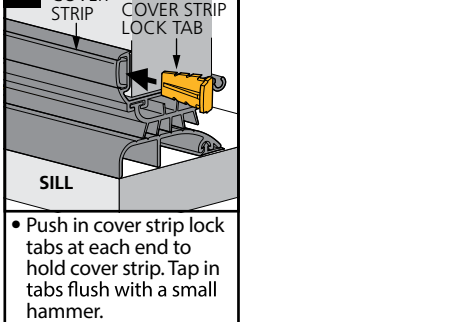
### HOW TO FIT RP4

For double inward opening doors:

<p><b>FIG.A</b> (section view)</p>  <p>FIXING LEG INSIDE OF DOOR BOTTOM COVER STRIP SEALING SECTION 25mm INSIDE FLOOR TREAD PLATE SILL</p>	<p><b>FIG.B</b></p>  <p>REBATED DOOR ANGLE CUT SEALING SECTION PLAN VIEW REBATED MEETING STILES</p> <ul style="list-style-type: none"> <li>• Cut each sealing section on an angle at the meeting stiles to suit rebate.</li> </ul>	<p><b>1</b></p>  <p>DOOR BOTTOM PARALLEL 25mm SILL</p> <ul style="list-style-type: none"> <li>• With door closed, mark line on door bottom, parallel to and 25mm up from door sill.</li> <li>• Remove door.</li> </ul>	<p><b>2</b></p>  <p>SAW DOOR BOTTOM CUT AWAY UNWANTED AREA</p> <ul style="list-style-type: none"> <li>• Saw along marked line.</li> <li>• Sand and paint the cut end of door to prevent moisture penetration.</li> <li>• Re-hang door when dry.</li> </ul>	<p><b>3</b></p>  <p>HINGE SIDE JAMB DOOR STOPS WIDTH BETWEEN JAMBS HINGE SIDE JAMB REBATED MEETING STILES</p> <ul style="list-style-type: none"> <li>• With a hacksaw, cut each tread plate (FIG.A) to half the width between jambs.</li> <li>• With a hacksaw, cut each sealing section (FIG.A) to half the width between jambs. Angle cut for rebated meeting stiles (FIG.B).</li> </ul>
<p><b>4</b></p>  <p>IN LINE WITH INSIDE OF DOOR TREAD PLATE SILL</p> <ul style="list-style-type: none"> <li>• Position tread plate on sill (FIG.A) and screw fix.</li> <li>• Apply sealant at ends of tread plate for a better seal.</li> </ul>	<p><b>5</b></p>  <p>INSIDE OF DOOR HINGE SIDE JAMB SEALING SECTION SILL</p> <ul style="list-style-type: none"> <li>• With door closed, screw fix sealing section to inside of door, hard against hinge side jamb (FIG.A).</li> </ul>	<p><b>6</b></p>  <p>COVER STRIP CHANNEL SILL</p> <ul style="list-style-type: none"> <li>• Cut cover strip to width of sealing section.</li> <li>• Fit cover strip in channel.</li> </ul>	<p><b>7</b></p>  <p>COVER STRIP COVER STRIP LOCK TAB SILL</p> <ul style="list-style-type: none"> <li>• Push in cover strip lock tabs at each end to hold cover strip. Tap in tabs flush with a small hammer.</li> </ul>	

### HOW TO FIT RP4

For double outward opening doors:

<p><b>FIG.A (section view)</b></p>  <p>FIXING LEG INSIDE OF DOOR BOTTOM COVER STRIP SEALING SECTION 25mm INSIDE FLOOR TREAD PLATE SILL</p>	<p><b>FIG.B</b></p>  <p>REBATED DOOR ANGLE CUT SEALING SECTION PLAN VIEW REBATED MEETING STILES</p> <ul style="list-style-type: none"> <li>• Cut each sealing section on an angle at the meeting stiles to suit rebate.</li> </ul>	<p><b>1</b></p>  <p>DOOR BOTTOM PARALLEL 25mm SILL</p> <ul style="list-style-type: none"> <li>• With door closed, mark line on door bottom, parallel to and 25mm up from door sill.</li> <li>• Remove door.</li> </ul>	<p><b>2</b></p>  <p>SAW DOOR BOTTOM CUT AWAY UNWANTED AREA</p> <ul style="list-style-type: none"> <li>• Saw along marked line.</li> <li>• Sand and paint the cut end of door to prevent moisture penetration.</li> <li>• Re-hang door when dry.</li> </ul>	<p><b>3</b></p>  <p>HINGE SIDE JAMB DOOR STOPS WIDTH BETWEEN JAMBS HINGE SIDE JAMB REBATED MEETING STILES</p> <ul style="list-style-type: none"> <li>• With a hacksaw, cut each tread plate (FIG.A) to half the width between jambs.</li> <li>• With a hacksaw, cut each sealing section (FIG.A) to half the width between jambs. Angle cut for rebated meeting stiles (FIG.B).</li> </ul>
<p><b>4</b></p>  <p>HINGE SIDE STOP IN LINE WITH INSIDE OF DOOR TREAD PLATE SILL</p> <ul style="list-style-type: none"> <li>• Cut out front edge corners of tread plate (FIG.A) to suit door stops, or chisel out door stops.</li> <li>• Position tread plate on sill (FIG.A) and screw fix.</li> <li>• Apply sealant at ends of tread plate for a better seal.</li> </ul>	<p><b>5</b></p>  <p>HINGE SIDE STOP INSIDE OF DOOR SEALING SECTION SILL</p> <ul style="list-style-type: none"> <li>• Cut out small portion each end of sealing section fixing leg (FIG.A) to allow for clearance at door stops.</li> <li>• With door closed, screw fix sealing section to inside of door, hard against hinge side jamb (FIG.A).</li> </ul>	<p><b>6</b></p>  <p>COVER STRIP CHANNEL SILL</p> <ul style="list-style-type: none"> <li>• Cut cover strip to width of sealing section.</li> <li>• Fit cover strip in channel.</li> </ul>	<p><b>7</b></p>  <p>COVER STRIP COVER STRIP LOCK TAB SILL</p> <ul style="list-style-type: none"> <li>• Push in cover strip lock tabs at each end to hold cover strip. Tap in tabs flush with a small hammer.</li> </ul>	