



## RP109Si

THRESHOLD PLATE SEALS



The RP109Si is a weather proof threshold plate seal suited to outward opening butt hinged doors. It is ideal for use with a panic type exit device (by others).

For acoustic applications the void under the threshold should be filled with sound foam or other suitable material (by others).

The RP67 drip strip should be considered for above the doorway if there is no eave.

Ideal for use in conjunction with the RP93Si perimeter seal and Raven meeting stile seals (astragals).

### SPECIFICATIONS

**Location**

Door sill of outward opening doors (butt hinges recommended).

**Size/Length**

1000mm, 2000mm, 3000mm

**Fixing**

Screw Fixed, Adhesive Fixed

**Fixing Note**

Screw fix or builders adhesive for concealed fixing (user determined). Zinc plated, cross recess head CSK S.T. screws supplied.

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

**Replacement Seals**[RP393Si](#)**Available Colours**

Silver Anodised

**Material**

Aluminium

**Material Description**

Anodised aluminium with silicon rubber (SE) gasket.

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.

**Door Type**

Single Outward Opening, Double Outward Opening

**Gap Description**

Compression: 0mm to 2mm

**User determined gap**

No

**Prior to installation gap**

No

**APPROVALS****Accreditations**

UL: R37913, ANSI/BHMA: A156.21

**Acoustic AUS/NZ**

NCC F7D6

**Acoustic UK/EU**

Approved Document E, Rated to BS EN ISO 717-1

**Fire & Smoke AUS/NZ**

NCC S12C2, NZBC C/AS2 4.16.2 &amp; App C6.1.1 &amp; App C6.1.2

**Fire & Smoke UK/EU**

BS EN 1634-1

**Fire Rating**

Up to FD30, Up to FRL &amp; FRR-/240/30

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**Fire Flammability Index**

Gasket flammability index 1 when tested to AS1530.2

**Energy AUS/NZ**

ABC Housing Provisions Standard 2022 13.4.4, NCC J5D5

**BAL Statement**

BAL FZ when used with a BAL rated door bottom seal in accordance with AS3959

**VARIATIONS**

Product Code	Colour	Length
A109SIC1000	Silver Anodised	1000mm
A109SIC2000	Silver Anodised	2000mm
A109SIC3000	Silver Anodised	3000mm

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