



## RP87Si

DOOR FRAME / PERIMETER SEALS



RP87Si is an effective door stop seal for noise, light and smoke. It can be butt jointed for a neatly finished continuous seal, replacing the conventional doorstop on metal or timber framed doors. With tamper proof concealed fixings, the RP87Si utilises independently adjustable screws to achieve up to 6mm sealing adjustment for maximum noise control. The silicon rubber seal only requires normal door closing force.

Note: If fixing to rebated frames of single doors, specify a long backset door latch.

### SPECIFICATIONS

#### Location

Head and jambs of single and double butt hinged doors.

#### Size/Length

1000mm, 2500mm, 3000mm,  
Single Door Set (1 x 1000mm & 2 x 2100mm), Double Door Set (3 x 2100mm), Long Single Door Set (1 x 1000mm & 2 x 2750mm), Long Double Door Set (1 x 2000mm & 2 x 2750mm)

#### Fixing

Screw Fixed

#### Fixing Note

Concealed screw fix. Zinc plated, cross recess head S.T. screws and cover strip supplied.

#### Min & Max Gap

0mm to 6mm

#### Replacement Seals

[RP310Si BK](#)

#### Available Colours

Black Anodised, Painted (Extra Cost), 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, Aluminium

**Door Type**

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

**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.

**User determined gap**

No

**Prior to installation gap**

No

## APPROVALS

**Accreditations**

UL: R37913, Certifire: CF 5710

**Acoustic AUS/NZ**

NCC F7D6

**Acoustic UK/EU**

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

**Fire AUS/NZ**

NCC S12C2, NZBC C/AS2 4.16.2, AS 1530.4, AS 1905.1

**Fire UK/EU**

Approved Document B, BS EN 1634-1

**Fire Rating**

Up to FD240, Up to FRL & FRR-/240/30

**Fire Flammability Index**

Gasket flammability index 1 when tested to AS1530.2

**Smoke AUS/NZ**

NCC S12C4, AS 1530.7, BS EN 1634-3, NCC S12C4 -  
Meets smoke leakage rates specified in AS 6905 & EN  
13501-2 "Sa", "S200"

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**Energy AUS/NZ**

ABCB Housing Provisions Standard 2022 13.4.4, NCC

J5D5

**VARIATIONS**

Product Code	Colour	Length
A87SIBKDS	Black Anodised	Double Door Set (3 x 2100mm)
A87SIBKLDS	Black Anodised	Long Double Door Set (1 x 2000mm & 2 x 2750mm)
A87SIBKLS	Black Anodised	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A87SIBK3000	Black Anodised	3000mm
A87SIBKS	Black Anodised	Single Door Set (1 x 1000mm & 2 x 2100mm)
A87SICDS	Silver Anodised	Double Door Set (3 x 2100mm)
A87SICLDS	Silver Anodised	Long Double Door Set (1 x 2000mm & 2 x 2750mm)
A87SICLS	Silver Anodised	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A87SIC1000	Silver Anodised	1000mm
A87SIC2500	Silver Anodised	2500mm
A87SIC3000	Silver Anodised	3000mm
A87SICS	Silver Anodised	Single Door Set (1 x 1000mm & 2 x 2100mm)
A87SIPDS	Painted (Extra Cost)	Double Door Set (3 x 2100mm)
A87SIPLDS	Painted (Extra Cost)	Long Double Door Set (1 x 2000mm & 2 x 2750mm)
A87SIPLS	Painted (Extra Cost)	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A87SIP1000	Painted (Extra Cost)	1000mm
A87SIP2500	Painted (Extra Cost)	2500mm
A87SIP3000	Painted (Extra Cost)	3000mm
A87SIPS	Painted (Extra Cost)	Single Door Set (1 x 1000mm & 2 x 2100mm)

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