



## RP78Si

DOOR FRAME / PERIMETER SEALS



An acoustic medium temperature smoke door frame seal designed for installation on door stops. Its aluminium carrier is sturdy and slotted for adjustment with concealed fixings. It is quick and easy to install around the jamb and head and can be fitted without removing the door. The RP78Si can be mitred or butt jointed for a neat finish.

Can be used in conjunction with the Raven RP8Si, RP16Si, RP35Si, RP38Si, RP99Si, RP126Si, RP127Si or RP128Si automatic door bottom seals.

### SPECIFICATIONS

**Location**

Head and jambs of single and double butt hinged doors.

**Size/Length**

1000mm, 1250mm, 1500mm, 2000mm, 2250mm, 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, self drilling screws (metal) and cover strip supplied.

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

**Min & Max Gap**

0mm to 6mm

**Replacement Seals**[RP394Si BK](#), [RP394Si GR](#), [RP394Si](#)[LG](#)**Available Colours**

Black Anodised, Bronze Anodised, Painted (Extra Cost), Painted (Light Grey Gasket & Cover Strip), Silver Anodised, Silver Anodised (Light Grey Gasket & Cover Strip)

**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, ANSI/BHMA: A156.22

**Acoustic AUS/NZ**

NCC F7D6

**Acoustic UK/EU**

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

**Fire AUS/NZ**

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

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

**Fire UK/EU**

Approved Document B, BS 476 Pt. 20 & 22 (similar to BS EN 1634-1)

**Fire Rating**

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

**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"

**Energy AUS/NZ**

ABC Housing Provisions Standard 2022 13.4.4, NCC J5D5

**VARIATIONS**

Product Code	Colour	Length
A78SIBKDS	Black Anodised	Double Door Set (3 x 2100mm)
A78SIBKLDS	Black Anodised	Long Double Door Set (1 x 2000mm & 2 x 2750mm)
A78SIBKLS	Black Anodised	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A78SIBK3000	Black Anodised	3000mm
A78SIBKS	Black Anodised	Single Door Set (1 x 1000mm & 2 x 2100mm)
A78SIBDS	Bronze Anodised	Double Door Set (3 x 2100mm)
A78SIB3000	Bronze Anodised	3000mm
A78SIBS	Bronze Anodised	Single Door Set (1 x 1000mm & 2 x 2100mm)
A78SICDS	Silver Anodised	Double Door Set (3 x 2100mm)
A78SICLDS	Silver Anodised	Long Double Door Set (1 x 2000mm & 2 x 2750mm)
A78SICLS	Silver Anodised	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A78SIC1000	Silver Anodised	1000mm
A78SIC1250	Silver Anodised	1250mm
A78SIPDS	Painted (Extra Cost)	Double Door Set (3 x 2100mm)
A78SIP1000	Painted (Extra Cost)	1000mm

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

A78SIP2250	Painted (Extra Cost)	2250mm
A78SIP3000	Painted (Extra Cost)	3000mm
A78SIC1500	Silver Anodised	1500mm
A78SIC2000	Silver Anodised	2000mm
A78SIC2250	Silver Anodised	2250mm
A78SIC2500	Silver Anodised	2500mm
A78SIC3000	Silver Anodised	3000mm
A78SICS	Silver Anodised	Single Door Set (1 x 1000mm & 2 x 2100mm)
A78SIPLDS	Painted (Extra Cost)	Long Double Door Set (1 x 2000mm & 2 x 2750mm)
A78SIPLS	Painted (Extra Cost)	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A78SIPS	Painted (Extra Cost)	Single Door Set (1 x 1000mm & 2 x 2100mm)
A78SIGRPDS	Painted (Light Grey Gasket & Cover Strip)	Double Door Set (3 x 2100mm)
A78SIGRPLDS	Painted (Light Grey Gasket & Cover Strip)	Long Double Door Set (1 x 2000mm & 2 x 2750mm)
A78SIGRPLS	Painted (Light Grey Gasket & Cover Strip)	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A78SIGRPS	Painted (Light Grey Gasket & Cover Strip)	Single Door Set (1 x 1000mm & 2 x 2100mm)
A78SIGRS	Silver Anodised (Light Grey Gasket & Cover Strip)	Single Door Set (1 x 1000mm & 2 x 2100mm)
A78SIGRDS	Silver Anodised (Light Grey Gasket & Cover Strip)	Double Door Set (3 x 2100mm)
A78SIGRLS	Silver Anodised (Light Grey Gasket & Cover Strip)	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A78SIGRLDS	Silver Anodised (Light Grey Gasket & Cover Strip)	Long Double Door Set (1 x 2000mm & 2 x 2750mm)

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