



RP84Si

DOOR FRAME / PERIMETER SEALS



This medium temperature smoke seal is designed specifically for clean room and health care facilities. RP84Si has an easy clean smooth bulb which also contains an antimicrobial additive for maximum protection against surface bacteria. RP84Si significantly reduces sound transmission and helps prevent the movement of airborne contaminants allowing for controlled air ventilation.

The RP84Si is ideal for use in conjunction with Raven door bottom seals and meeting stile seals (astragals).

SPECIFICATIONS

Location

Head and jambs of single and double butt hinged doors.

Size/Length

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 7mm

Replacement Seals

[RP384Si](#)

Available Colours

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, AS 1530.4, AS 1905.1

Fire Rating

Up to FRL & FRR-/120/30, 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

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VARIATIONS

Product Code	Colour	Length
A84SICDS	Silver Anodised	Double Door Set (3 x 2100mm)
A84SICLDS	Silver Anodised	Long Double Door Set (1 x 2000mm & 2 x 2750mm)
A84SICLS	Silver Anodised	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A84SIC3000	Silver Anodised	3000mm
A84SICS	Silver Anodised	Single Door Set (1 x 1000mm & 2 x 2100mm)
A84SIPDS	Painted (Extra Cost)	Double Door Set (3 x 2100mm)
A84SIPLDS	Painted (Extra Cost)	Long Double Door Set (1 x 2000mm & 2 x 2750mm)
A84SIPLS	Painted (Extra Cost)	Long Single Door Set (1 x 1000mm & 2 x 2750mm)
A84SIP3000	Painted (Extra Cost)	3000mm
A84SIPS	Painted (Extra Cost)	Single Door Set (1 x 1000mm & 2 x 2100mm)

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