



RP8Si

AUTOMATIC DOOR BOTTOM SEALS



A concealed, automatic door bottom seal that is spring loaded to lift clear of the floor when the door is opened. It is acoustically designed, featuring silicon gaskets for medium temperature smoke and fire door applications. Operated automatically by pressure against the door jamb on its adjustable strike. RP8Si can also be fitted into the bottom rail of a metal door by the fabricator. Has a level adjustment to achieve an optimum seal.

Note: Only the escutcheon plates are coloured on the black and bronze variants.

SPECIFICATIONS

Location

Fully morticed into a 15mm x 34mm groove into the bottom of single and double butt hinged timber and metal doors.

Size/Length (Length can be cut back to)

380mm (295mm), 600mm (380mm), 820mm (600mm), 920mm (820mm), 1070mm (920mm), 1220mm (1070mm), 1500mm (1220mm)

Fixing

Fully Morticed, Screw Fixed

Fixing Note

Concealed screw fix with colour matched stainless steel escutcheon plates and screws supplied.

Min & Max Gap

3mm to 13mm

Replacement Seals

[RP308Si GR](#)

Available Colours

Black Anodised, Bronze 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, 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

Certifire: CF 5710, ANSI/BHMA: A156.22, UL: R37913

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, NZBC C/AS2 4.16.2

Fire UK/EU

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

Fire Rating

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

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Fire Flammability Index

Gasket flammability index 1 when tested to AS1530.2

Smoke AUS/NZ

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

Energy AUS/NZ

ABC Housing Provisions Standard 2022 13.4.4, NCC J5D5

Durability

Tested to over 1,000,000 operating cycles without failure

Insects & Vermin AUS/NZ

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

VARIATIONS

Product Code	Colour	Length
A8SIBK42	Black Anodised	1070mm (cut back to 920mm)
A8SIBK48	Black Anodised	1220mm (cut back to 1070mm)
A8SIBK24	Black Anodised	600mm (cut back to 380mm)
A8SIBK32	Black Anodised	820mm (cut back to 600mm)
A8SIBK36	Black Anodised	920mm (cut back to 820mm)
A8SIC42	Silver Anodised	1070mm (cut back to 920mm)
A8SIC48	Silver Anodised	1220mm (cut back to 1070mm)
A8SIC60	Silver Anodised	1500mm (cut back to 1220mm)
A8SIC15	Silver Anodised	380mm (cut back to 295mm)
A8SIC24	Silver Anodised	600mm (cut back to 380mm)
A8SIC32	Silver Anodised	820mm (cut back to 600mm)
A8SIC36	Silver Anodised	920mm (cut back to 820mm)
A8SIB42	Bronze Anodised	1070mm (cut back to 920mm)
A8SIB48	Bronze Anodised	1220mm (cut back to 1070mm)
A8SIB24	Bronze Anodised	600mm (cut back to 380mm)
A8SIB32	Bronze Anodised	820mm (cut back to 600mm)

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A8SIB36	Bronze Anodised	920mm (cut back to 820mm)
A8SIB60	Bronze Anodised	1500mm (cut back to 1220mm)

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