



RP16Si

MEETING STILE SEALS



RP16Si is an acoustic, smoke meeting stile seal (astragal). Its proven design is effective in sealing the meeting stiles of plain or rebated double doors. Its aluminium trim neatly conceals the sealing portion of the seal and provides a secure weatherproof rebate stop. If necessary, its aluminium fixing leg can be checked out to allow for locks and latches.

For maximum acoustic performance, specify two seals, i.e. one for each door leaf. (Minimum door thickness subject to centre latch and dimensions of morticed door bottom seals).

RP16Si is used where one door leaf is active. For smoke door magnetic hold open applications such as hospital corridors, sequence select door closers are required.

SPECIFICATIONS

Location

Meeting stiles of double butt hinged doors.

Size/Length

2250mm, 2500mm, 2750mm, 3000mm

Fixing

Screw Fixed

Fixing Note

Screw fix. Zinc plated, cross recess head CSK S.T. screws supplied. Can be rebated or surface mounted. Fixing holes are pre-drilled

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

2.5mm to 8mm

Replacement Seals[RP316Si BK](#), [RP316Si GR](#)**Available Colours**Black Anodised, Bronze Anodised,
Painted (Extra Cost), Silver
Anodised**Material**

Aluminium

Door/Frame Construction

Timber

Door TypeDouble 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 Flammability Index

Gasket flammability index 1 when tested to AS1530.2

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Smoke AUS/NZ

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

Energy AUS/NZ

ABC Housing Provisions Standard 2022 13.4.4, NCC J5D5

VARIATIONS

Product Code	Colour	Length
A16SIBK2250	Black Anodised	2250mm
A16SIBK2750	Black Anodised	2750mm
A16SIBK3000	Black Anodised	3000mm
A16SIB2250	Bronze Anodised	2250mm
A16SIB3000	Bronze Anodised	3000mm
A16SIC2250	Silver Anodised	2250mm
A16SIC2500	Silver Anodised	2500mm
A16SIC2750	Silver Anodised	2750mm
A16SIC3000	Silver Anodised	3000mm
A16SIP2250	Painted (Extra Cost)	2250mm
A16SIP3000	Painted (Extra Cost)	3000mm

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