



Mini Product Catalogue

Weather and Energy
Fire and Smoke
Noise - Acoustic
Light
Insects - Vermin

raven.com.au



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Using this catalogue

The Problem

For doors and windows to function, they must have gaps between their edges and the frame. These gaps allow easy opening, closing and accommodate for normal building movement.

However, these gaps can also allow the intrusion of;

- » noise
- » fire and smoke
- » rain
- » cold draughts, dust and embers
- » light
- » insects and vermin

And the leakage of;

- » heating
- » air conditioning

The Solution

The solution is to fit a Raven Sealing System which seals the gaps around doors and windows when closed. The seals help seal against a combination of intrusions and leakages. Properly fitted, they can provide a complete and continuous seal for all door and window types that will not impede normal use.

Sealing Systems

Since the 1960's, Raven has developed seals for doors and door frames. When installed with complementary seals for thresholds and meeting stiles, they will produce optimum "Sealing Systems".

More information regarding these systems is listed under the relevant sealing section of this catalogue and the website www.raven.com.au.

Duty Levels

Raven seals have been designed to accommodate a variety of duty levels:

L Light duty seals are used in residential and light traffic areas.

M Medium duty seals are used in commercial and medium traffic areas.

H Heavy duty seals are used in public heavy traffic areas with pedestrian and wheeled traffic.

Icons

Throughout, icons and symbols have been used to readily identify and make product selection easier. All seals are designed to meet most standards and in many cases perform more than one function.

Noise - Acoustic

Ambient (cold) Smoke up to 70°C

Medium Temp. Smoke
200°C for 30 minutes (Smoke Doors)

Fire and Hot Smoke
Fully developed fires exceeding 600°C (Intumescent Fire Seals)

Insects and Vermin

Weather

Energy, Draughts and Dust

Fire (approved)

Access and Mobility

Light

Product Information

Adjustability
Many Raven seals have some degree of adjustability and can be adjusted without removing the door or window. Thus maximum efficiency can be maintained in the event of minor building or door movement.

Door Seal Sizes
Raven seals are available in stock lengths and standard door set sizes. (refer price list)

Door Sets
Some rigid perimeter seals are pre-cut to various sizes for single and double doors. (mm)
Single:.....1x1000, 2x2100
Double:.....3x2100
Long Single:.....1x1000, 2x2750
Long Double:.....1x2000, 2x2750

Standards

Raven seals have been fire, smoke and acoustically tested to Australian, British/European and North American standards. Please refer to the website www.raven.com.au or full catalogue for individual product approvals.



Fixing

The majority of Raven seals are fastened using supplied zinc plated, self tapping, cross recess head screws of the appropriate size and colour. Fixing holes are usually pre-drilled and many are slotted to allow the seals to be fitted accurately. This allows adjustment and compensation for building movement. Where fasteners are visible, they are colour matched to the finished extrusions.

Guarantee

Raven seals are guaranteed for 2 years against defects in materials and workmanship, provided seals are fitted in accordance with manufacturer's specifications. Defective goods identified by Raven will be replaced. However, NO claim for work done thereon or damage incurred will be allowed.

Self-adhesive backed; closed cell and open cell foam tape seals are not guaranteed. Defective goods identified by Raven may be replaced. Experience has shown that even for one and the same objective, the exact requirements may vary due to site and environmental conditions that are outside Raven Products control; this includes the surfaces to which self-adhesive products are being installed.

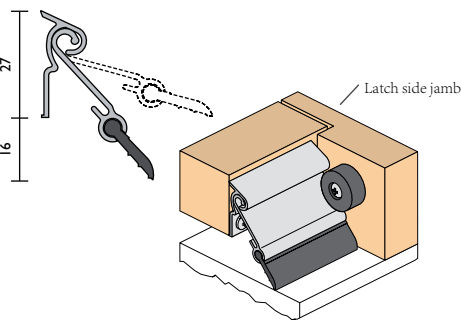
All technical data and recommendations, although based upon our research and believed to be reliable, is given in good faith but without warranty. It is understood that users will independently determine the suitability of all products shown or specified herein for their purposes and as such Raven Products Pty. Ltd. accepts no liability.

Door Bottom Seals - Automatic

RP3



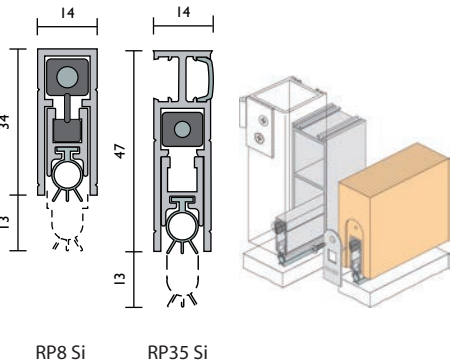
Location	Min/Max Gap	Seal Sizes	Standard Finish
Door bottom of single inward opening butt hinged doors	Up to 16mm	915mm and 1220mm maximum (between door stops)	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze or Bright Gold finish
Seal Material	Fixing Method	Replacement Seal	Approvals
EPDM or TPE (Black)	Zinc plated, cross recess S.T. screws are supplied. Fixed holes are pre-slotted	RP303	Fire and Energy



(a) RP8 Si



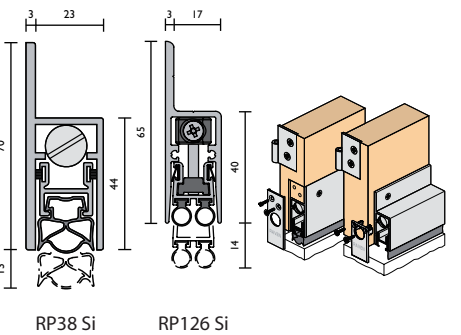
Location	Min/Max Gap	Seal Sizes	Standard Finish
Single and double butt hinged doors	(a) 3mm to 13mm (b) 1mm to 13mm	1220mm, 1070mm, 920mm, 820mm, 600mm, 380mm to 295mm (min). Seals cut back to exact size	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) Silicon Rubber (SE) (Grey) (b) Silicon Rubber (SE) (Grey) with rigid PVC cover strip (Grey)	Zinc plated, cross recess S.T. screws are supplied	RP308 Si	Acoustic. Fire & Smoke FRL & FRR -/240/60 and FD240, Smoke and Energy



(a) RP38 Si



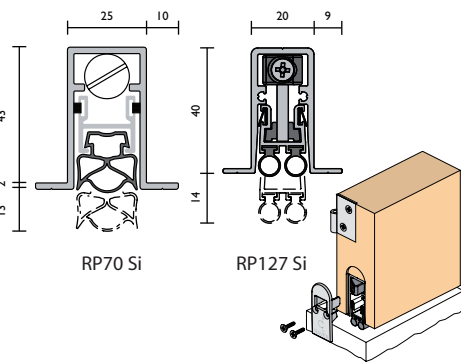
Location	Min/Max Gap	Seal Sizes	Standard Finish
Single or double butt hinged door bottoms	(a) 3mm to 13mm (b) 1mm to 14mm	(a) 1500mm, 1220mm, 1070mm, 920mm, 610mm, 450mm to 300mm (min) (b) 1500mm, 1220mm, 1070mm, 920mm, 820mm, 600mm to 305mm (min)	Aluminium anodised 15 microns. Satin Clear (Silver) and RP38 Si with bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) Silicon Rubber (SE) Grey (b) Silicon Rubble (Black)	Zinc plated, cross recess S.T. screws and escutcheon plates supplied	(a) RP338 Si (b) RP3126 Si	(a) Acoustic. Fire & Smoke FRL & FRR -/240/60, and FD240 Smoke and Energy (b) Fire & Smoke, Smoke & Energy



(a) RP70 Si



Location	Min/Max Gap	Seal Sizes	Standard Finish
Single or double butt hinged doors	(a) 3mm to 13mm (b) 3mm to 14mm	(a) 1500mm, 1220mm, 1070mm, 920mm, 610mm, 450mm to 300mm (min) (b) 1500mm, 1220mm, 1070mm, 920mm, 820mm, 600mm to 305mm (min)	Aluminium anodised 15 microns. Satin Clear (Silver) finish
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) Silicon Rubber (SE) Grey (b) Silicon Rubber (Black)	(a) Morticed and screw fixed. Escutcheon plates supplied (b) Zinc plated, cross recess S.T. screws are supplied	(a) RP338 Si (b) RP3126 Si	(a) Acoustic. Fire & Smoke FRL & FRR -/240/30, and FD240 Smoke and Energy (b) Fire & Smoke, Smoke & Energy

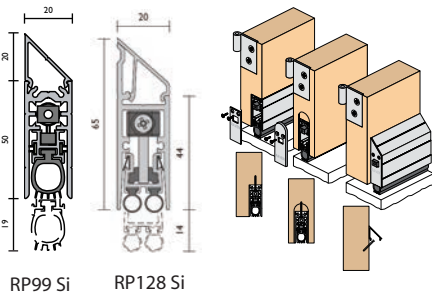


Door Bottom Seals - Automatic

(a) RP99 Si (b) RP128 Si H



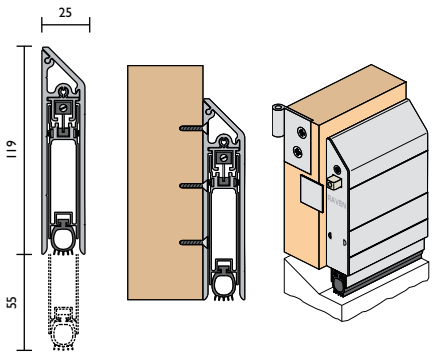
Location	Min/Max Gap	Seal Sizes	Standard Finish
(a) Solid core single and double butt hinged doors (b) Suits timber, butt hinged solid core doors (35mm min) and metal doors (face mount)	(a) 1mm to 19mm (b) 1mm to 14mm	(a) 1220mm, 1070mm, 920mm, 820mm, 720mm, 600mm, 380mm to 295mm (min) (b) 1500mm, 1220mm, 1070mm, 920mm, 820mm, 600mm to 305mm (min)	(a) Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish (b) Clear anodised aluminium (Silver) 15 microns
Seal Material	Fixing Method	Replacement Seal	Approvals
Silicon Rubber (SE) Black	Zinc plated, cross recess head S.T. screws are supplied	(a) RP347 Si (b) RP3126 Si	Acoustic. Fire & Smoke FRL & FRR -/240/60 and FD240 , Smoke and Energy



(a) RP92 Si H



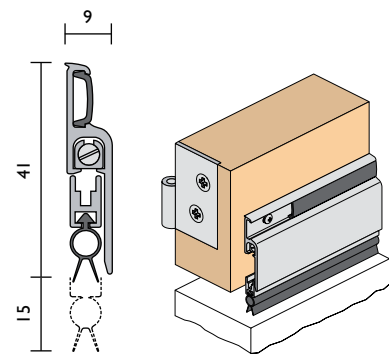
Location	Min/Max Gap	Seal Sizes	Standard Finish
Timber or aluminium single and double butt hinged doors	25mm to 55mm	1200mm, 1070mm, 920mm, 820mm to 600mm (min). Seals cut back to exact size	Aluminium anodised 15 microns. Satin Clear (Silver) finish. Black anodised inner
Seal Material	Fixing Method	Replacement Seal	Approvals
Silicon Rubber (SE) Black	Zinc plated, cross recess S.T. screws are supplied	RP347 Si	Smoke & Energy



(a) RP60 L



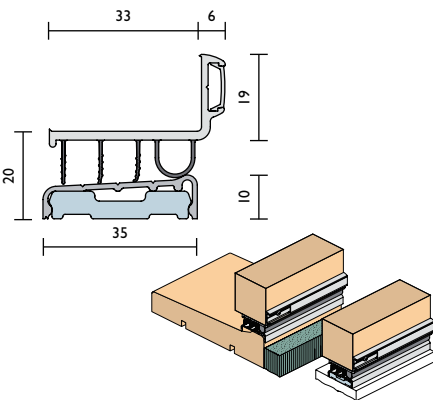
Location	Min/Max Gap	Seal Sizes	Standard Finish
Single or double butt hinged doors	3mm to 15mm	915mm only (between door stops, unit cuts back to 450mm minimum)	Aluminium anodised 15 microns. Satin Clear, Bronze or Bright Gold Finish
Seal Material	Fixing Method	Replacement Seal	Approvals
TPE (Black)	Zinc plated, cross recess S.T. screws are supplied	RP460	Energy



(a) RP123 M



Location	Min/Max Gap	Seal Sizes	Standard Finish
Door bottom of single and double butt hinged doors. Rebated or flat sill	Flat sills 19mm to 20mm. Rebated sills 12mm to 13mm	826mm, 926mm and 1750mm	Weather seal: Light grey/brown rigid PVC body with dark grey/black flexible PVC seal
Seal Material	Fixing Method	Replacement Seal	Approvals
Rigid and flexible co-extruded PVC. UV stabilised	Zinc plated, cross recess head S.T. screws are supplied	NA	Energy

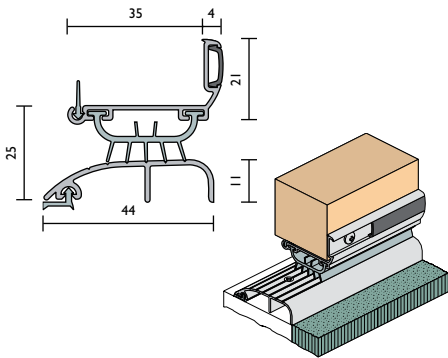


Door Bottom Seals - Sweep

RP4 M



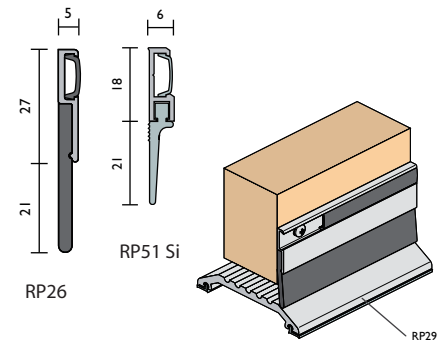
Location	Min/Max Gap	Seal Sizes	Standard Finish
Door bottom and sill of single and double butt hinged doors	23mm to 25mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver), Bronze or Bright Gold finish. Threshold Plate 25 microns
Seal Material	Fixing Method	Replacement Seal	Approvals
PVC (Grey)	Zinc plated, cross recess S.T. screws are supplied	RP404 Replacement Gaskets RP404a & RP404b	Energy



(a) RP26 H (b) RP51 Si H



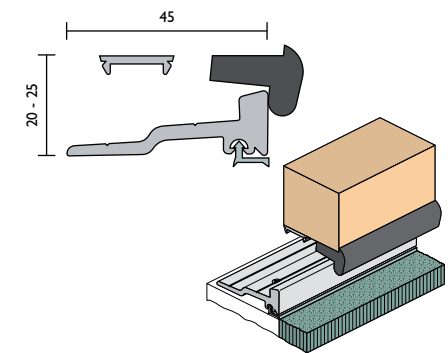
Location	Min/Max Gap	Seal Sizes	Standard Finish
Door bottoms, single or double outward opening, butt hinged or tilt-up doors can be used as an astragal seal	5mm to 20mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) EPDM (Black) (b) Silicon Rubber (SE) (Grey)	Zinc plated, cross recess S.T. screws are supplied	(a) RP326 (b) RP351 Si	Fire & Smoke FRL & FRR -/120/30 & FD120 and Energy



RP54 H



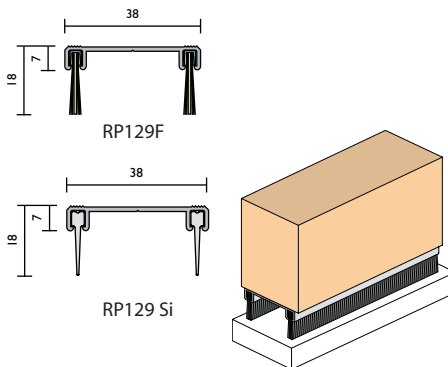
Location	Min/Max Gap	Seal Sizes	Standard Finish
Single and double inward opening butt hinged timber doors	23mm to 25mm	Available in stock lengths	Aluminium anodised 25 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
EPDM (Black)	Zinc plated, cross recess head CSK S.T. screws are supplied	RP354 Replacement Gaskets RP404a	Fire FRL & FRR -/60/30 & FD60 , and Energy



(a) RP129F H (b) RP129 Si H



Location	Min/Max Gap	Seal Sizes	Standard Finish
Double butt hinged and centre pivot double acting doors	(a) 15mm to 18mm (b) 14mm to 18mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) finish
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) Black nylon filaments, UV stabilised & medium temperature fin. (b) Silicon Rubber (SE) (Light Grey)	Zinc plated, cross recess S.T. screws are supplied	(a) RP52F (b) RP3129 Si	Smoke and Energy

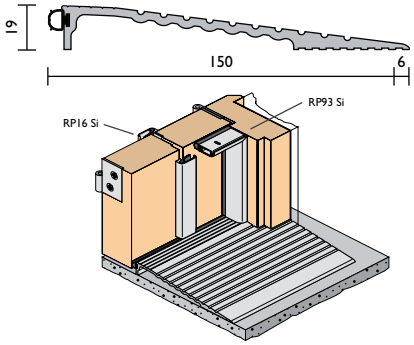


Threshold Plate Seals

(a) RP97 Si H



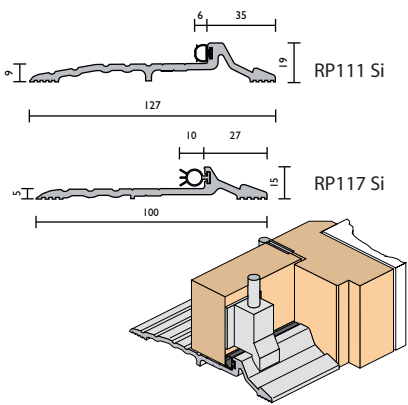
Location	Min/Max Gap	Seal Sizes	Standard Finish
Door sills abutting outward opening butt hinged plant room or emergency exit doors	Compression of seal 0mm to 2mm	Available in stock lengths	Aluminium anodised 25 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Silicon Rubber (SE) Black	Zinc plated, cross recess head CSK S.T. screws are supplied	RP393 Si	Fire & Smoke FRL & FRR -/240/30 and Energy



(a) RP111 Si H (b) RP117 Si H



Location	Min/Max Gap	Seal Sizes	Standard Finish
Door sills (butt hinges recommended)	Compression of seal 0mm to 2mm	Available in stock lengths	Aluminium anodised 25 microns. Satin Clear (Silver) finish
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) Silicon Rubber (SE) Black (b) Silicon Rubber (SE) Grey	Zinc plated, cross recess head CSK S.T. screws are supplied	(a) RP393 Si (b) RP308 Si	Acoustic. Fire & Smoke FRL & FRR -/240/30 and Energy

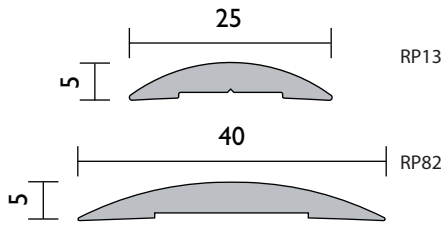


Threshold Plate

(a) RP13 (b) RP82 H



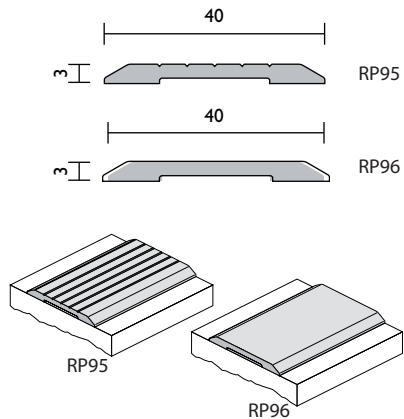
Location	Plate Size	Sizes	Standard Finish
Door sill	(a) 25W x 5H mm (b) 40W x 5H mm	Available in stock lengths	Aluminium anodised 25 microns. Satin Clear (Silver) or Bronze finish
Used in Conjunction	Fixing Method	Replacement Gasket	Approvals
Raven door bottom seals (refer to P.I-3)	Zinc plated, cross recess CSK S.T. screws are supplied	NA	Fire FRL & FRR -/240/30



(a) RP95 (b) RP96 H



Location	Plate Size	Sizes	Standard Finish
Door sill	(a) 40W x 3H mm (b) 40W x 3H mm	Available in stock lengths	Aluminium anodised 25 microns. Satin Clear (Silver) or Bronze finish
Used in Conjunction	Fixing Method	Replacement Gasket	Approvals
Raven door bottom seals (refer to P.I-3)	Zinc plated, cross recess CSK S.T. screws are supplied	NA	Fire FRL & FRR -/240/30 and FD240

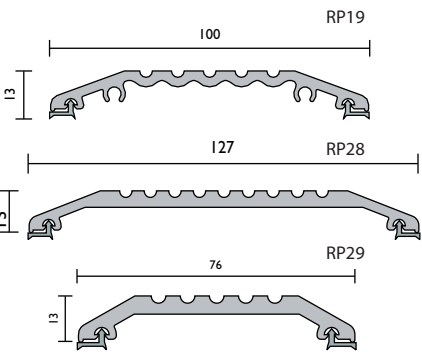


Threshold Plate

(a) RP19 (b) RP28 (c) RP29 H



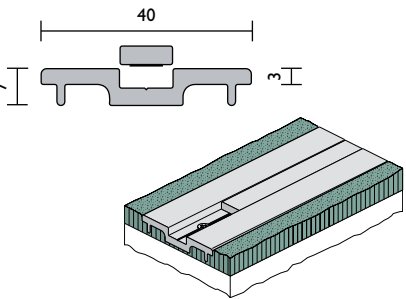
Location	Plate Size	Sizes	Standard Finish
Door sill	(a) 100W x 13H mm (b) 127W x 13H mm (c) 76W x 13H mm	Available in stock lengths	Aluminium anodised 25 microns. Satin Clear (Silver) or Bronze finish
Used in Conjunction	Fixing Method	Replacement Gasket	Approvals
Raven door bottom seals (refer to P.I-3)	Zinc plated, cross recess S.T. screws are supplied	RP404a	(a & c) Fire FRL & FRR -/240/30 (b) Fire FRL & FRR -/240/30 and FD120



RP66 H



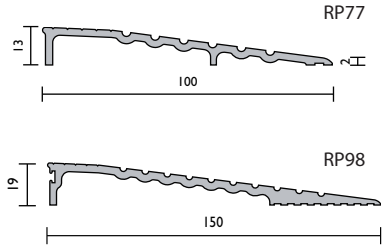
Location	Plate Size	Sizes	Standard Finish
The carpeted sill of interior doors	40W x 7H mm	Available in stock lengths	Aluminium Anodised 25 microns. Satin Clear (Silver) or Bronze finish
Used in Conjunction	Fixing Method	Replacement Gasket	Approvals
Raven door bottom seals (refer to P.I-3)	Zinc plated, cross recess head CSK S.T. screws are supplied	NA	Fire FRL & FRR -/240/30



(a) RP77 (b) RP98 H



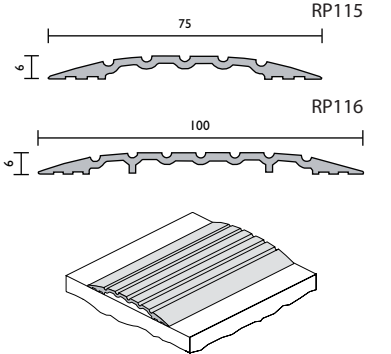
Location	Plate Size	Sizes	Standard Finish
Door sill or used to provide a ramp frame for internal door mats	(a) 100W x 13H mm (b) 150W x 19H mm	Available in stock lengths	Aluminium Anodised 25 microns. Satin Clear (Silver) or Bronze finish
Used in Conjunction	Fixing Method	Replacement Gasket	Approvals
Raven door bottom seals (refer to P.I-3)	Zinc plated, cross recess head CSK S.T. screws are supplied	NA	Fire FRL & FRR -/240/30



(a) RP115 (b) RP116 H



Location	Plate Size	Sizes	Standard Finish
Door sill	(a) 75 W x 6H mm (b) 100W x 6H mm	Available in stock lengths	Aluminium Anodised 25 microns. Satin Clear (Silver) or Bronze finish
Used in Conjunction	Fixing Method	Replacement Gasket	Approvals
Raven door bottom seals (refer to P.I-3)	Zinc plated, cross recess S.T. screws are supplied	NA	Fire FRL & FRR -/240/30 and FD180

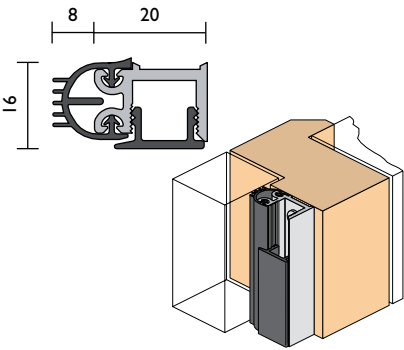


Door Frame or Perimeter Seal

RP10 Si H



Location	Min/Max Gap	Seal Sizes	Standard Finish
Head and jamb of single or double butt hinged doors	0mm to 10mm	Available in stock lengths or door set sizes	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Silicon Rubber (SE) (Black or Light Grey)	Zinc plated, cross recess head S.T. screws are supplied	RP310 Si	Acoustic, Fire & Smoke FRL & FRR -/240/60 and FD240 Smoke & Energy

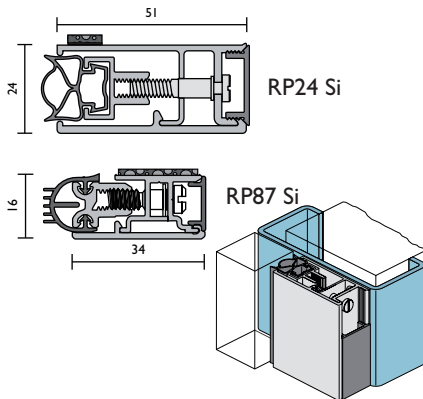


(a) RP24 Si H



Location	Min/Max Gap	Seal Sizes	Standard Finish
Head and jamb of single or double butt hinged doors	0mm to 8mm	Available in stock lengths or door set sizes	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) Silicon Rubber (SE) (Grey) (b) Silicon Rubber (SE) (Black)	Zinc plated, cross recess S.T. screws are supplied	(a) RP338 Si (b) RP310 Si BK	Acoustic, Fire & Smoke FRL & FRR -/240/60 and FD240 Smoke & Energy

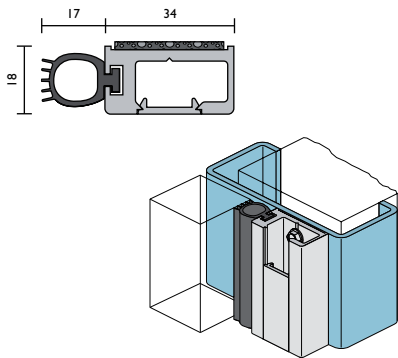
(b) RP87 Si H



RP47 Si H



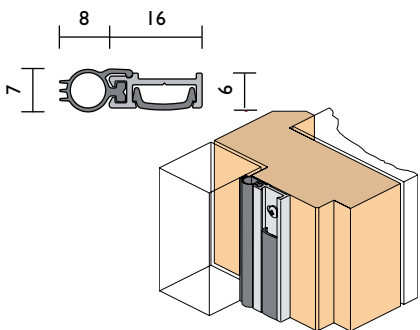
Location	Min/Max Gap	Seal Sizes	Standard Finish
Head and jambs of single and double butt hinged doors or bulk head applications	0mm to 17mm	Available in stock lengths or door set sizes	Aluminium anodised 15 microns. Satin Clear or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Silicon Rubber (SE) (Black)	Zinc plated, cross recess S.T. screws are supplied	RP347 Si	Acoustic, Fire & Smoke FRL & FRR -/120/30 & Energy



RP78 Si M



Location	Min/Max Gap	Seal Sizes	Standard Finish
Head and jambs on single or double butt hinged doors	0mm to 6mm	Available in stock lengths or door set sizes	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Silicon Rubber (SE) (Grey or Light Grey)	Zinc plated, cross recess head S.T. screws are supplied	RP394 Si	Acoustic, Fire & Smoke FRL & FRR -/240/60 and FD240 Smoke & Energy

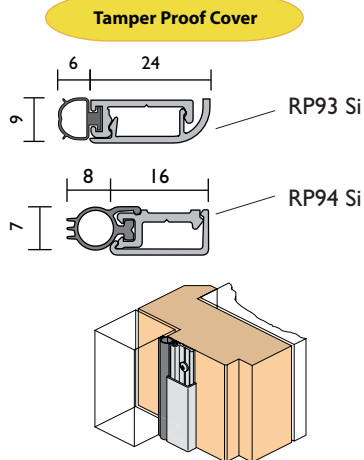


Door Frame or Perimeter Seals

(a) RP93 Si (b) RP94 Si M



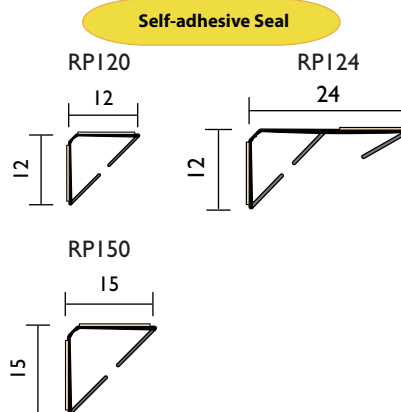
Location	Min/Max Gap	Seal Sizes	Standard Finish
Head and jambs of single or double butt hinged doors	0mm to 6mm	Available in stock length or door set sizes	Cover strip only. Aluminium anodised 15 microns. Stain Clear (Silver) finish. P.E. Paint (at extra cost)
Seal Material	Fixing Method	Replacement Seal	Approvals
Silicon Rubber (SE) (Black)	Zinc plated, cross recess S.T. screws are supplied	(a) RP393 Si (b) RP394 Si	(a) Acoustic, Fire & Smoke FRL & FRR -/120/30 & FD120 , & Energy (b) Acoustic, Fire & Smoke FRL & FRR -/240/30 & FD240 , & Energy



(a) RP120 (b) RP124 (c) RP150 M



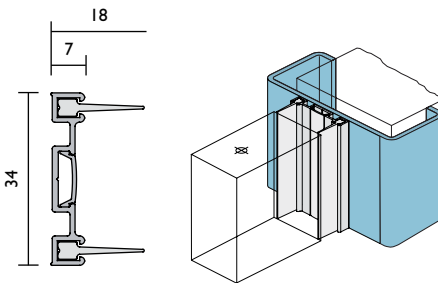
Location	Min/Max Gap	Seal Sizes	Standard Finish
Around rebated frames of single or double butt hinged doors and windows	(a, b & c) 3mm to 5.5mm	Available in door set sizes	Rigid and Flexible flame retardant PVC, with self adhesive backing tape on both sides of rigid carrier (Black)
Seal Material	Fixing Method	Replacement Seal	Approvals
(a & c) Rigid and flexible flame retardant PVC (b) Co-extruded rigid and flexible flame retardant PVC (Black)	Self adhesive	NA	(a, c) Acoustic, Fire & Smoke FRL & FRR -/240/30 & FD240 & Energy (b) Acoustic, Fire & Smoke FRL & FRR -/120/30 & FD120 & Energy



RP130 Si H



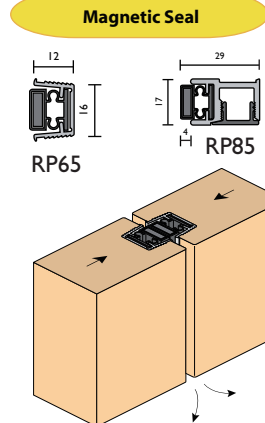
Location	Min/Max Gap	Seal Sizes	Standard Finish
Around frames of single and double acting pivot doors. Stiles of timber doors	14mm to 18mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver)
Seal Material	Fixing Method	Replacement Seal	Approvals
Fins: Silicon Rubber (SE) (Light grey) Coverstrip: PVC (Light grey)	Zinc plated, cross recess head CSK S.T. screws are supplied	RP3129 Si	Fire & Smoke, Smoke & Energy



(a) RP65 (b) RP85 H



Location	Min/Max Gap	Seal Sizes	Standard Finish
(a) Double swinging doors & sliding door meeting stiles (b) Head and jamb for single & double butt hinged doors	(a) 5mm to 7mm (Swing Doors) (b) 0mm to 4mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) finish
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) Magnetic strip with flexible PVC holder (Black) (b) PVC (Black)	Zinc plated, cross recess S.T. screws are supplied	NA	(a) Energy (b) Acoustic & Energy

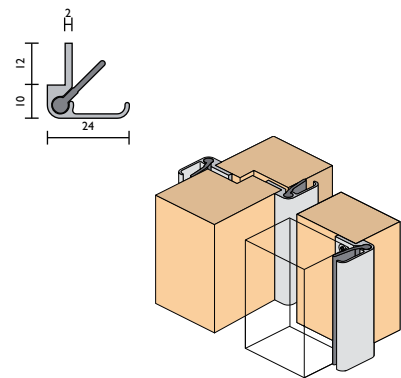


Astragals

(a) RP16 Si M



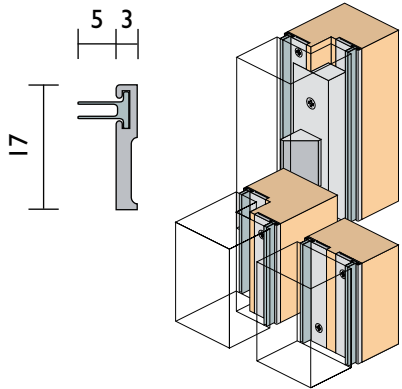
Location	Min/Max Gap	Seal Sizes	Standard Finish
Meeting stiles of double butt hinged doors	2.5mm to 8mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Silicon Rubber (SE) (Grey)	Zinc plated, cross recess CSK S.T. screws are supplied	RP 316 Si	Acoustic, Fire & Smoke, Smoke & Energy



(a) RP71 Si M



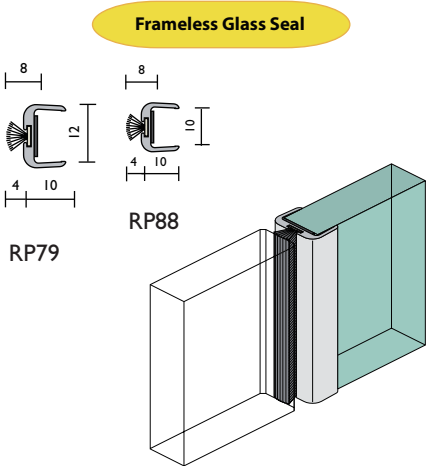
Location	Min/Max Gap	Seal Sizes	Standard Finish
Double butt hinged and centre pivot double acting doors	3mm to 5mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Silicon Rubber (SE) (Grey)	Zinc plated, cross recess S.T. screws are supplied	RP371 Si	Acoustic, Fire & Smoke, Smoke & Energy



(a) RP79 (b) RP88 H



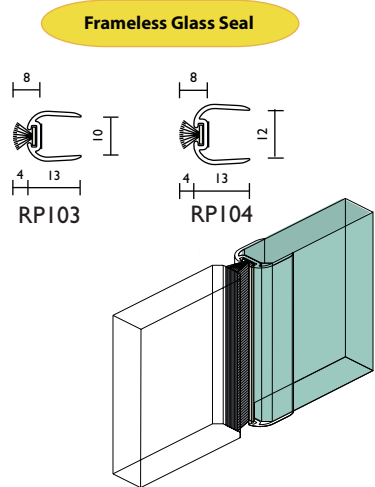
Location	Min/Max Gap	Seal Sizes	Standard Finish
Stiles	(a) 8mm to 9mm (b) 9mm to 10mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) Finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Polypropylene pile with a weather fin	Adhesive double sided tape	NA	Energy



(a) RP103 (b) RP104 H



Location	Min/Max Gap	Seal Sizes	Standard Finish
Stiles	(a) 7mm to 8mm (b) 9mm to 10mm	3000mm	Clear hi-impact UV stabilised polycarbonate
Seal Material	Fixing Method	Replacement Seal	Approvals
Black polypropylene pile with weather fin	Adhesive double sided tape	NA	Energy

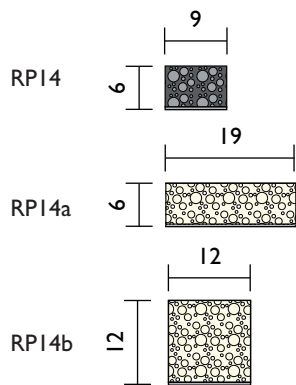


Self Adhesive Seals

RP14 Series - RP14, RP14a, RP14b L



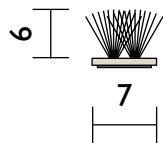
Location	Min/Max Gap	Seal Sizes	Standard Finish
Around door and window frames	RP14 - 3mm to 5mm RP14a - 3mm to 5mm RP14b - 8mm to 11mm	RP14 & RP14a - 5m coil RP14b - 2.5 coil	NA
Seal Material	Fixing Method	Replacement Seal	Approvals
RP14 & RP14a - Polyester foam (White or Grey) RP14b - Polyester foam (White)	Self adhesive backed	NA	Energy



(a) RP61 L



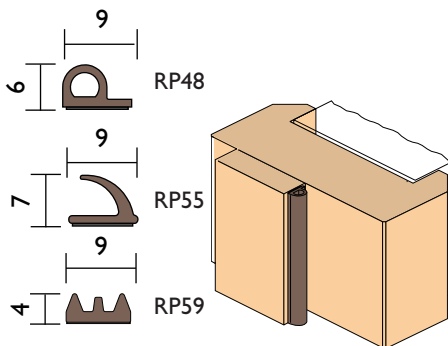
Location	Min/Max Gap	Seal Sizes	Standard Finish
Around door and window frames	3mm to 5mm	5m coil	NA
Seal Material	Fixing Method	Replacement Seal	Approvals
Polypropylene pile (Grey)	Self adhesive backed	NA	Energy



(a) RP48 (b) RP55 (c) RP59 L



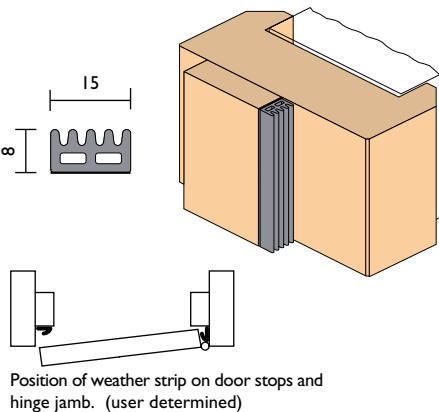
Location	Min/Max Gap	Seal Sizes	Standard Finish
Around door and window frames	(a) 3mm to 5mm (b) 3mm to 6mm (c) 2mm to 4mm	5m coil pack length (2 x 2.5m) jumbo reel (2 x 50m)	NA
Seal Material	Fixing Method	Replacement Seal	Approvals
EPDM closed cell sponge (White, Brown or Grey)	Self adhesive	NA	Energy



(a) RP108 L



Location	Min/Max Gap	Seal Sizes	Standard Finish
Multi-use	6mm to 8mm	2m coil pack	NA
Seal Material	Fixing Method	Replacement Seal	Approvals
EPDM closed cell sponge (White or Grey)	Self adhesive	NA	Energy



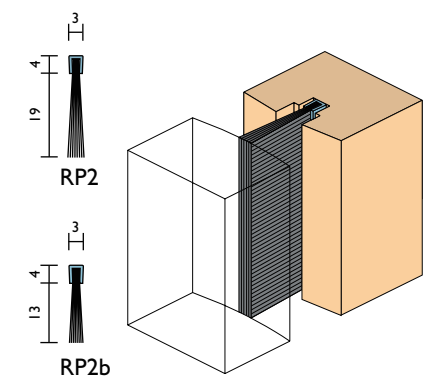
Brush Strip Seals

(a) RP2 H



Location	Min/Max Gap	Seal Sizes	Standard Finish
Door bottoms, single, double or sliding	(a) Up to 19mm (b) Up to 13mm	Available in stock lengths	NA
Seal Material	Fixing Method	Replacement Seal	Approvals
Fine, dense, black nylon filaments, UV stabilised. Galvanised steel spine	Bowed and inserted in mortice groove	NA	Energy

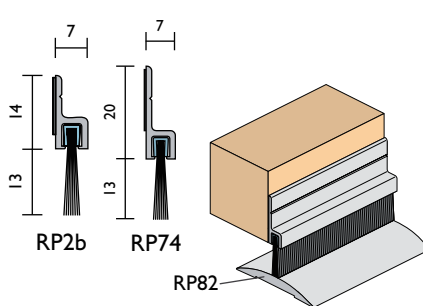
(b) RP2b (brush only) H



(a) RP2b (b) RP74 H



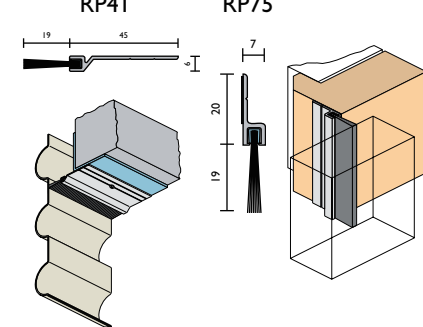
Location	Min/Max Gap	Seal Sizes	Standard Finish
Door bottoms, single, double or sliding	Up to 13mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Fine, dense, black nylon filaments, UV stabilised.	Self adhesive backing. Can screw fix	NA	(a) Smoke & Energy (b) Fire FRL & FRR -/120/30 & FD120 & Energy



(a) RP4I (b) RP75 H



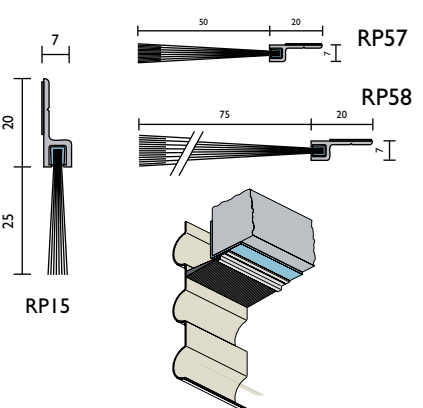
Location	Min/Max Gap	Seal Sizes	Standard Finish
Door bottoms, single, double, revolving or sliding and double acting pivot doors, lintels of roll-up doors	(a) 30mm to 50mm (b) Up to 19mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) finish, RP75 with both Clear (Silver) & Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Fine, dense, black nylon filaments, UV stabilised	(a) Zinc plated, cross recess S.T. screws are supplied (b) Self adhesive backing. Can screw fix	NA	Energy



(a) RP15 H



Location	Min/Max Gap	Seal Sizes	Standard Finish
Door bottoms, single, double or sliding	(a) Up to 25mm (b) 30mm to 50mm (c) 50mm to 75mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Fine, dense, black nylon filaments, UV stabilised	Self adhesive backing. Can screw fix	NA	Energy

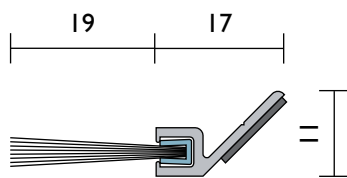


Brush Strip Seals

RP50 H



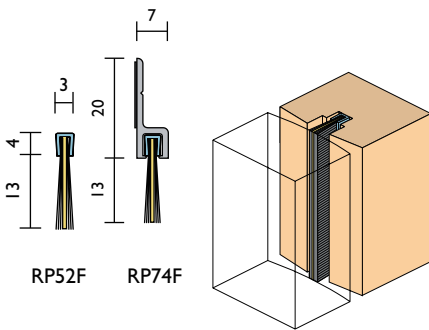
Location	Min/Max Gap	Seal Sizes	Standard Finish
Can be used on panel lift doors	Up to 19mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Fine, dense, black nylon filaments, UV stabilised	Self adhesive backing. Can screw fix	NA	Energy



(a) RP52F (b) RP74F H



Location	Min/Max Gap	Seal Sizes	Standard Finish
Door bottoms or stiles of single, double, sliding or double acting doors	Up to 13mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) or Bronze finish
Seal Material	Fixing Method	Replacement Seal	Approvals
Fine, dense, black nylon filaments, UV stabilised with medium temperature fin	(a) Bowed and inserted in mortice groove (builder's adhesive if required) (b) Self adhesive backing. Can screw fix	NA	(a) Smoke & Energy (b) Energy

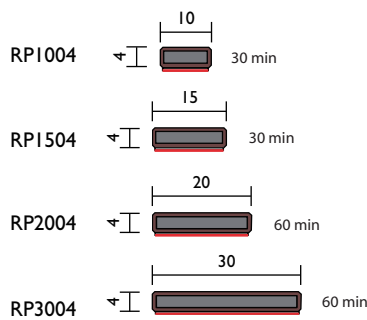


Intumescent Seals

(a) RP1004 (b) RP1504 (c) RP2004 (d) RP3004 H



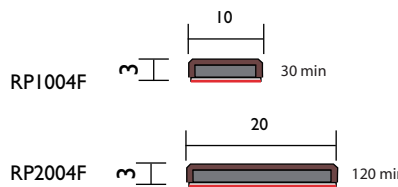
Location	Min/Max Gap	Seal Sizes	Standard Finish
Morticed into the door or frame stiles and head	NA	2100mm	Brown or White
Seal Material	Fixing Method	Replacement Seal	Approvals
Intumescent infill with rigid PVC holder	Self adhesive	NA	(a, b) Fire & Smoke FRL & FRR -/30/- and FD30 (c, d) Fire & Smoke FRL & FRR -/60/- and FD60



(a) RP1004F (b) RP2004F H



Location	Min/Max Gap	Seal Sizes	Standard Finish
Morticed into the door or frame stiles and head	NA	(a) 150m coil (b) 100m coil	Brown or White
Seal Material	Fixing Method	Replacement Seal	Approvals
Intumescent infill with flexible PVC holder	Self adhesive	NA	(a) Fire & Smoke FRL & FRR -/30/- and FD30 (b) Fire & Smoke FRL & FRR -/120/30 and FD120

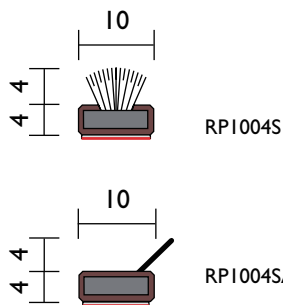


Intumescent Seals

(a) RP1004S H



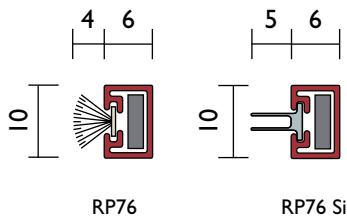
Location	Min/Max Gap	Seal Sizes	Standard Finish
Morticed into the door or frame stiles and head	(a) 3mm to 4mm (b) 1mm to 4mm	2100mm	Brown or White
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) Intumescent infill, polypropylene pile smoke seal & fin barrier with Rigid PVC holder (b) Intumescent infill, PVC fin seal	Self adhesive	NA	Acoustic, Fire & Smoke FRL & FRR -/I20/30 and FD120, & Energy



(a) RP76 H



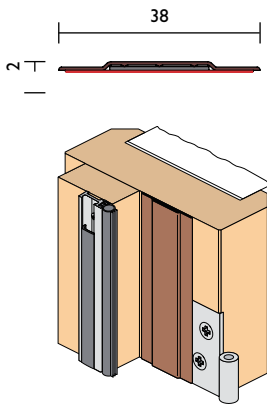
Location	Min/Max Gap	Seal Sizes	Standard Finish
Morticed into the door or frame stiles and head	(a) 3mm to 4mm (b) 4mm to 5mm	2100mm	NA
Seal Material	Fixing Method	Replacement Seal	Approvals
Intumescent infill, polypropylene pile smoke seal Rigid PVC holder (Cranberry Red color)	Adhesive (by installer)	(a) NA (b) RP371 Si	Fire & Smoke FRL & FRR -/240/60, and FD240 and Energy



RP53 H



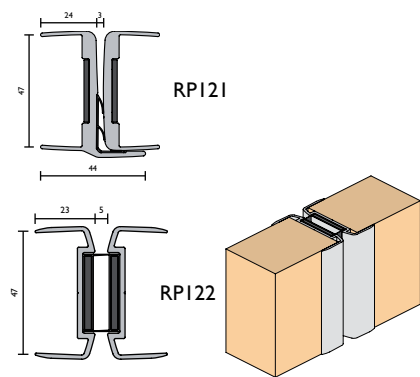
Location	Min/Max Gap	Seal Sizes	Standard Finish
Fitted to the door or frame stiles and head	2mm to 6mm	2.1m and 3m	PVC (Brown, Grey or White). Can be printed
Seal Material	Fixing Method	Replacement Seal	Approvals
Intumescent infill with flexible PVC holder	Self adhesive	NA	Fire & Smoke FRL & FRR -/I20/30 and FD120



(a) RP121 H



Location	Min/Max Gap	Seal Sizes	Standard Finish
(a, b) Plain meeting stiles of single action fire doors (b) Can be used double active door	3mm to 5mm	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver)
Seal Material	Fixing Method	Replacement Seal	Approvals
(a) Concealed intumescent infill and RP124 smoke seal (b) Light grey rigid PVC case with intumescent infill and PVC sealing fins	(a) Zinc plated, cross recess CSK S.T. screws are supplied (b) Concealed zinc plated, cross recess CSK S.T. screw are supplied	NA	Fire & Smoke FRL & FRR -/I20/30, and FD120 and Energy

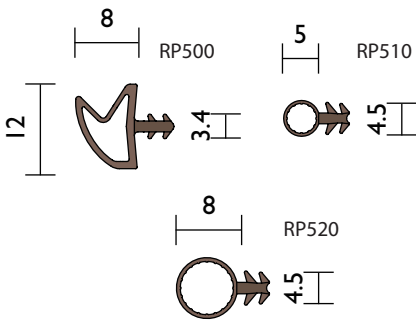


Silicon Weather Stripping - RP500 Series

(a) RP500 (b) RP510 (c) RP520 H



Location	Compression	Reel Length	Colour
Door and window frames	(a) 1mm to 3mm (b) 1mm to 2mm (c) 1mm to 3mm	100m	White, Brown and Black
Seal Material	Fixing Method	Used in Conjunction	Approvals
Silicon Rubber	(a) 3x6mm (b) 3.5x5mm (c) 3.5x5mm Deep kerf groove, push-in locking fit	Raven door bottom seals and threshold plates	Weather & Energy

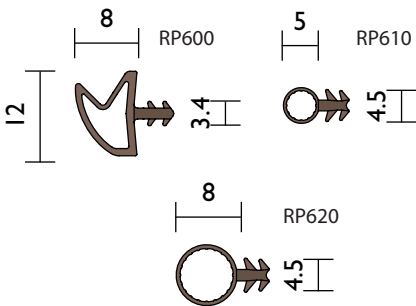


TPE Weather Stripping - RP600 Series

(a) RP600 (b) RP610 (c) RP620 H



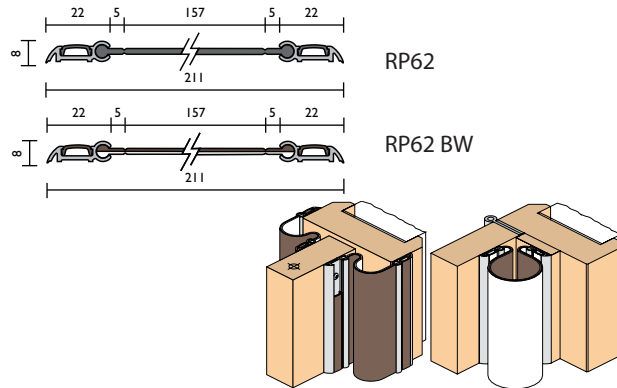
Location	Compression	Reel Length	Colour
Door and window frames	(a) 1mm to 3mm (b) 1mm to 2mm (c) 1mm to 3mm	100mm	White, Brown and Black
Seal Material	Fixing Method	Used in Conjunction	Approvals
TPE Rubber	(a) 3x6mm (b) 3.5x5mm (c) 3.5x5mm Deep kerf groove, push-in locking fit	Raven door bottom seals and threshold plates	Fire, Energy & Weather



Finger-Pinch Protection

(a) RP62 (b) RP62 BW H

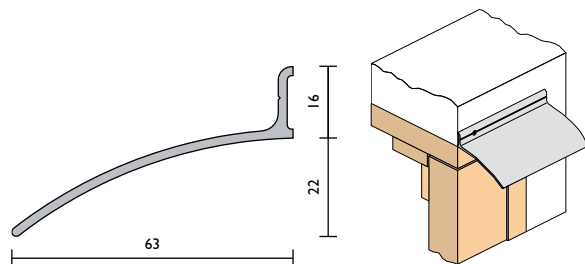
Location	Seal Sizes	Standard Finish
Butt hinged or centre pivot door	2100mm	Holder is Aluminium anodised 15 microns. Satin Clear (Silver) finish
Material	Fixing Method	Notes
(a) EPDM (Black) (b) Reversible flexible PVC (Brown & White) Coverstrips included	Zinc plated, cross recess head CSK S.T. screws are supplied	It is recommended to fit RP62 to the full height of the door/jamb for maximum protection



Drip-strip

RP67 H

Location	Seal Sizes	Standard Finish
Above doors	Available in stock lengths	Aluminium anodised 15 microns. Satin Clear (Silver) finish
Material	Fixing Method	Notes
NA	Zinc plated, cross recess head CSK S.T. screws are supplied	An allowance of 50mm of overlap each side of door opening is required





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