

# Product Data Sheet

## Raven Products Threshold Smoke Seals

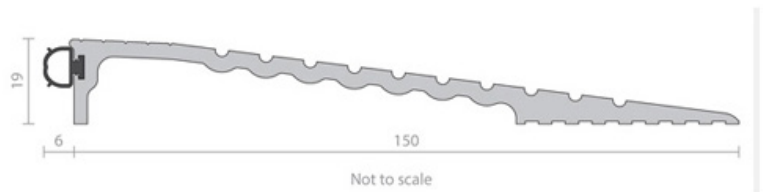
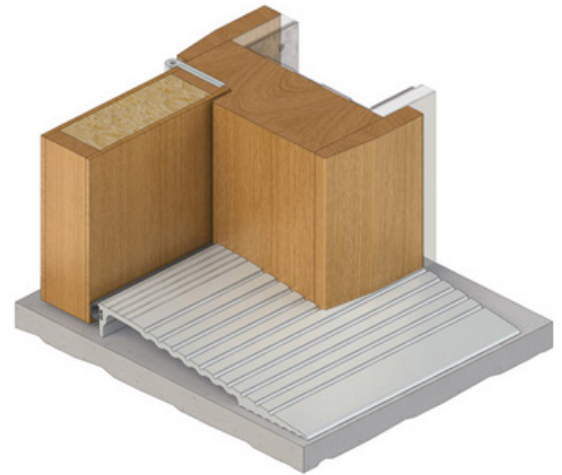
Revision 6 - 1st March 2021



## Raven Products Threshold Smoke Seals

### Threshold Smoke Seals

- Raven Door Sealing Systems are available to combat draughts, dust, rain, noise, heat loss, heat gain, fire, smoke and stray light.
- With solutions for a wide range of door opening types including butt hinged, up and over, sliding, roller shutter and revolving.
- The following is a selection of the Raven Smoke
- Rated Seals available from the comprehensive range shown on [www.astrodraft.com](http://www.astrodraft.com).



### Product Description

Raven Seals have been designed to accommodate a variety of duty levels, classified on this web site as light, medium and heavy.

**L** Light Duty seals include those typically used in residential applications or light traffic areas.

**M** Medium Duty seals are used in commercial applications such as office spaces, shops, commercial accommodation or medium trafficked areas.

**H** Heavy Duty seals are designed for areas with a high level of use such as public places such as hospitals, airports, factories, shopping centres or areas with a large flow through of pedestrian and wheeled traffic.

**Product Description**

**H RP97Si**

A threshold plate seal particularly suited for outward opening broad butt hinged plant room and emergency exit doors.

When used in conjunction with RP93si and RP16si an excellent smoke and acoustic system is achieved.

For acoustic applications the void under the RP97si should be filled with sound proof foam or other suitable materials (by others).

Specify order length wider than door opening to provide a neat detail at door frame.

**Location**

Door seals abutting outward opening broad butt hinged plant or emergency exit doors. Not recommended for pedestrian entry doors.

**Min/max** compression of seal 0mm/2mm.

**Seal Lengths** 1000mm only

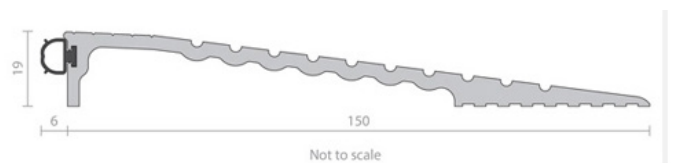
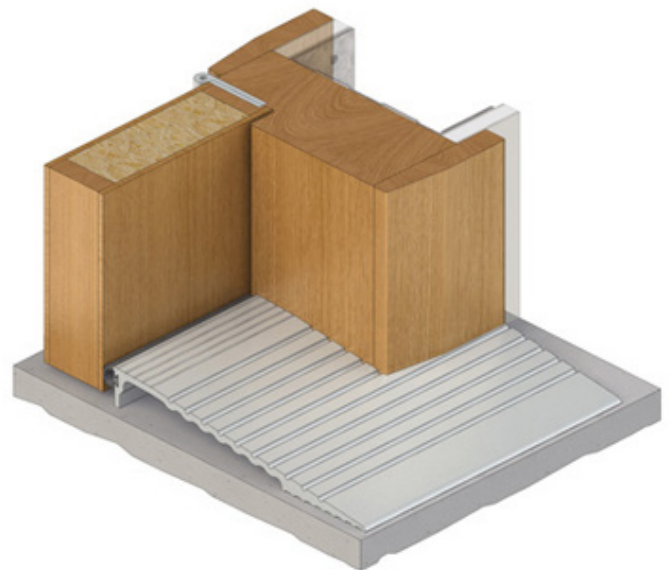
**Standard finish** Anodised satin clear.

**Fixing method** Zinc plated , cross recess head CSK S.T. screws of the appropriate size and colour are supplied, or can be fastened with builders adhesive for concealed fixing (user determined).

**Seal material**

Silicon rubber (SE) (black).

**Replacement seal** RP393si



**Product Availability**

- Other colours are available on request

Product Code	Product Description	Size	Lengths	Colour
ADRP97SI/1000	Raven RP97Si	19 x 6 x 150mm	1000mm	Anodised Satin Clear

**Product Availability**

**H RP117Si**

The RP117Si is a weather proof threshold plate seal suited to outward opening broad butt hinged doors. Its ideal for use with a panic type exit device (by others).

**Location**

Door sills. (broad butt hinged recommended)

**Seal Sizes**

Available in 1000 and 2000mm stock lengths.

**Standard Finish**

Anodised Satin Clear.

**Fixing Method**

Zinc plated, cross recess head CSK S.T. screws of the appropriate size and colour are supplied, or it can be fastened with builders adhesive for concealed fixing.

**Used in conjunction**

Raven door frame seals and suitable panic type exit devices. (By others)

**Seal Material**

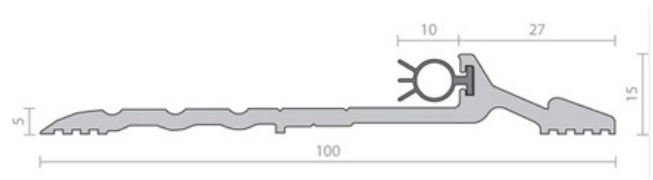
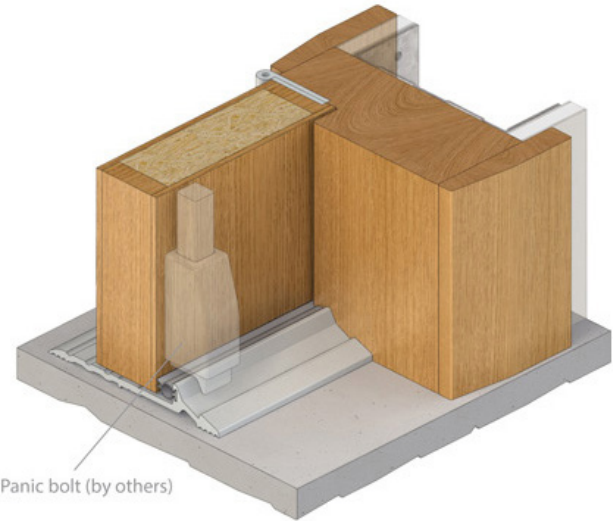
Silicon Rubber (SE) (charcoal).

**Replacement Seal RP308Si.**

**Approvals**

Access & Mobility

UK/EU: Conforms to Approved Document M.



**Product Availability**

- Other colours are available on request

Product Code	Product Description	Size	Lengths	Colour
ADRP117Si/1000	Raven RP117Si	3 x 100 x 15 x 27 x 10mm	1000mm	Anodised Satin Clear
ADRP117Si/2000	Raven RP117Si	3 x 100 x 15 x 27 x 10mm	2000mm	Anodised Satin Clear

**To Order & Specify**

Please contact us and quote the following information -

Quantity / Product Code / Product Description / Size / Length

Typical example:- 5 / ADRP117Si/1000 / Raven RP117Si / 3 x 100 x 15 x 27 x 10mm / 1000mm

>> Tel: [01329 844 500](tel:01329844500) or >> Email: [sales@astroflame.com](mailto:sales@astroflame.com)

## Installation

We have technical representatives who provide assistance in the selection and specification of the products on this site and should be consulted for exact installation and product suitability. Ensure an early engagement with ourselves, designers, main contractor and specialist installers before any installation. Other trades and/or manufacturers may need to be consulted. For in-depth information, specification and technical advice please call our Head Office on tel [01329 844 500](tel:01329844500) or email [sales@astroflame.com](mailto:sales@astroflame.com)

## Maintenance

All interested parties, designer, specifier, main contractor and specialist installers should provide access to allow the fire stopping seals to be regularly inspected and maintained, as well as records kept of such maintenance at minimum periods of 12 months, as required by the Regulatory Reform Order, and repaired if necessary. Reference should be made to ASFP TGD 17 – Code of Practice for the Installation and Inspection of Fire Stopping.

## Competency

It is vital that those entrusted to design or install a fire stopping product have the necessary levels of competence to undertake the task professionally and thoroughly. The level of competency required will be commensurate with the expected complexity of the building. All designers must eliminate, reduce or control foreseeable risks that may arise during installation, construction or maintenance when preparing or modifying designs. Clients should ensure that the principal designer and principal contractor carry out their duties under CDM regulations. The ASFP foundation course in passive fire protection provides essential knowledge as part of demonstrating competency and understanding in this key fire protection specialism.

## Additional Notes

For further information on installation requirements please refer to the door manufacturer data to ensure the compatibility of this product, if in doubt please contact the technical team on tel [01329 844 500](tel:01329844500) or email [sales@astroflame.com](mailto:sales@astroflame.com)

## Health and Safety

Please see (SDS) Safety Data sheet - This can be requested from our sales team T: [01329 844 500](tel:01329844500) or E: [sales@astroflame.com](mailto:sales@astroflame.com)

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The above information to the best of our knowledge is true and accurate and based upon current test data and is supplied for your guidance only. Customers should satisfy themselves to the suitability of the product based on the products limitation of applications and that the product is fit for purpose for their intended use and no guarantee is given or implied since the conditions of actual use are beyond our control. ASTROFLAME (FIRE SEALS) LTD, disclaim any liability for loss, damage or other expense arising from the use of information, data or products mentioned or referred to and reserve the right to change any details or specifications without notice. If you are in any doubt as to the suitability of this product for your intended application please contact our technical team on 01329 844500 or email [sales@astroflame.com](mailto:sales@astroflame.com) and we will contact you.