

Product Data Sheet

Astro ASDB and ASDBX Seals

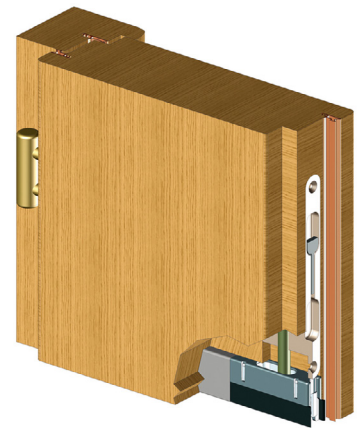
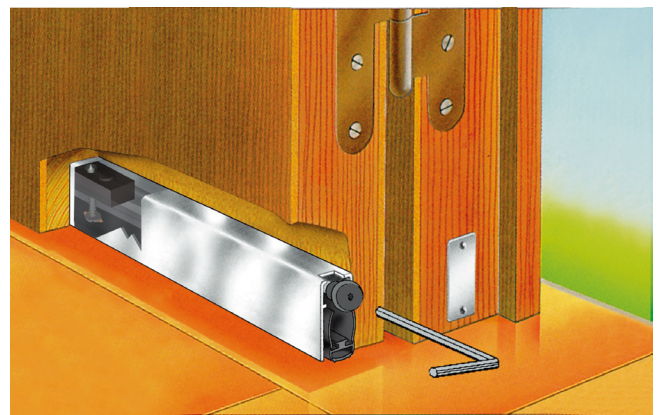
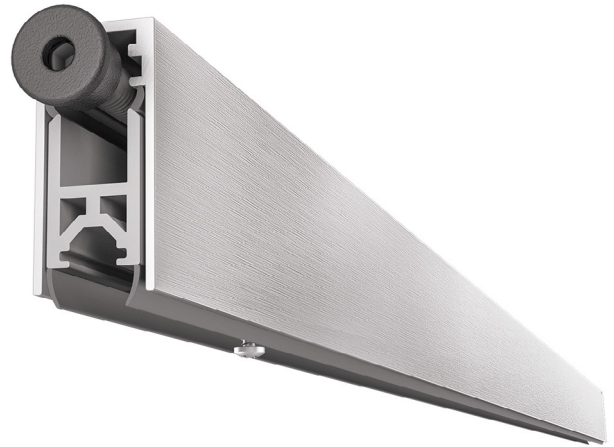
Revision 9 - 13th October 2021



Astro ASDB and ASDBX Seals

Acoustic Rated Door Bottom Seals

- Rebated Door bottom seals.
- Sound reduction up to Rw 51dB* (AFASDBX version) Rw37* (AFASDB version).
- Rebated fitting - comes with prefitted screws.
- Aluminium finish.
- Smoke tested in accordance with BS EN 1634-3: 2004.



Product Description

Astro ASDB Seal - Rebate Fit Version

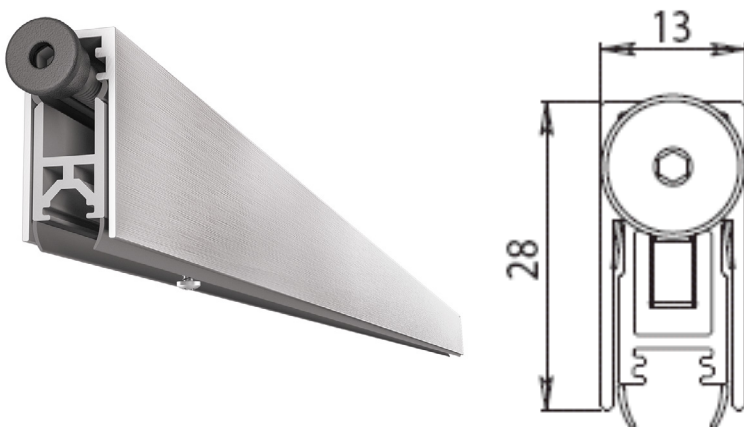
An automatic door bottom seal which is spring loaded to lift clear of the floor as soon as the door leaf is opened by a few millimetres.

Astro ASDBX DB Plus Seal

An automatic door bottom seal which is spring loaded to lift clear of the floor as soon as the door leaf is opened by a few millimetres.

DB Seal Extension - Astro ASDBX/FBEXT & ASDBX/FBBOLT

A unique solution to fitting rebated flush bolts in conjunction with drop down seals. The DB SEAL Extension works as an extender with the Astro DB Seal Plus drop down seal.

Product Availability**Astro ASDB Seal - Rebate Fit Version**

An automatic door bottom seal which is spring loaded to lift clear of the floor as soon as the door leaf is opened by a few millimetres.

An acoustically designed seal for rebated applications. Mounted into a 13mm x 28mm groove that has been morticed into the bottom edge of the door.

It is operated automatically by pressure against the door jamb on its plunger and seals when the door closes and retracts automatically when the door is opened.

Please review the [face mounted door seal version](#)

Suitable for all types of wooden doors. 14mm maximum drop, Graduated Scissor action (seal drops on hinge side before lock side).

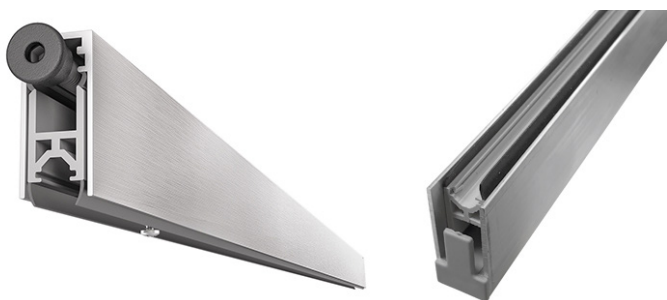
Smoke Testing was conducted to BS EN 1634-3: 2004 smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 3: Smoke control test for door and shutter assemblies.

Noise Reduction Index up to R_w 37 dB*

Maximum Drop: 14mm.

Aluminium carrier

Astro ASDB Seal Size 330 to 1030mm



Astro ASDB Seal Size 1130mm



Product Availability

Maximum trimming:

50mm - 330mm

125mm - 430mm

150mm - 530mm to 1130mm.

Product Code	Description	Colour	Size
AFASDB/330	Astro ASDB Seal - Rebate Fit Version	Aluminium	330mm
AFASDB/430	Astro ASDB Seal - Rebate Fit Version	Aluminium	430mm
AFASDB/530	Astro ASDB Seal - Rebate Fit Version	Aluminium	530mm
AFASDB/630	Astro ASDB Seal - Rebate Fit Version	Aluminium	630mm
AFASDB/730	Astro ASDB Seal - Rebate Fit Version	Aluminium	730mm
AFASDB/830	Astro ASDB Seal - Rebate Fit Version	Aluminium	830mm
AFASDB/930	Astro ASDB Seal - Rebate Fit Version	Aluminium	930mm
AFASDB/1030	Astro ASDB Seal - Rebate Fit Version	Aluminium	1030mm
AFASDB/1130	Astro ASDB Seal - Rebate Fit Version	Aluminium	1130mm

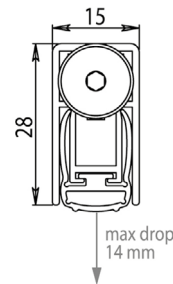
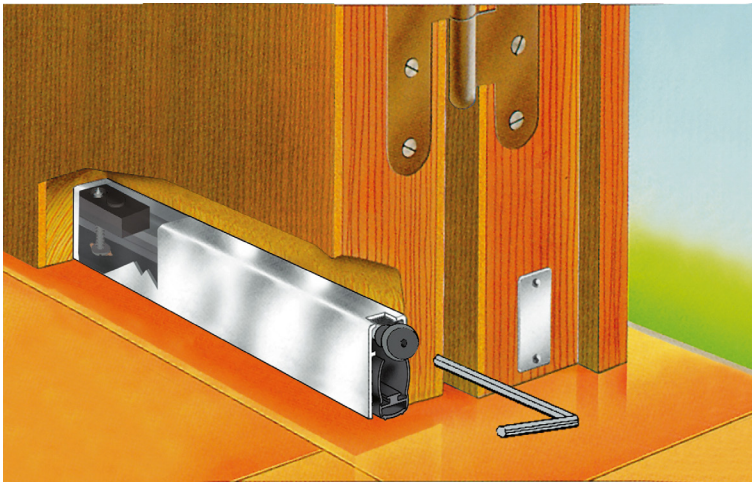
To Order & Specify

Please contact us and quote the following information -

Quantity / Product Description / Product Code / Colour / Size

Typical wording - 10 / Astro ASDB Seal - Rebate Fit Version / AFASDB/330 / Aluminium / 330mm

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

Product Availability**Astro ASDBX DB Plus Seal**

An automatic door bottom seal which is spring loaded to lift clear of the floor as soon as the door leaf is opened by a few millimetres.

14mm maximum drop, Graduated Scissor action (seal drops on hinge side before lock side).

Smoke Testing was conducted to BS EN 1634-3: 2004 smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 3: Smoke control test for door and shutter assemblies.

Noise Reduction Index up to R_w 51dB*

Maximum Drop: 14mm.

Aluminium carrier

Product Availability

Maximum trimming:

50mm - 330mm

135mm - 430mm

150mm - 530mm to 1230mm.

Product Code	Description	Colour	Size
AFASDBX/330	Astro ASDBX DB Plus Seal	Aluminium	330mm
AFASDBX/430	Astro ASDBX DB Plus Seal	Aluminium	430mm
AFASDBX/530	Astro ASDBX DB Plus Seal	Aluminium	530mm
AFASDBX/630	Astro ASDBX DB Plus Seal	Aluminium	630mm
AFASDBX/730	Astro ASDBX DB Plus Seal	Aluminium	730mm
AFASDBX/830	Astro ASDBX DB Plus Seal	Aluminium	830mm
AFASDBX/930	Astro ASDBX DB Plus Seal	Aluminium	930mm
AFASDBX/1030	Astro ASDBX DB Plus Seal	Aluminium	1030mm
AFASDBX/1130	Astro ASDBX DB Plus Seal	Aluminium	1130mm
AFASDBX/1230	Astro ASDBX DB Plus Seal	Aluminium	1230mm

To Order & Specify

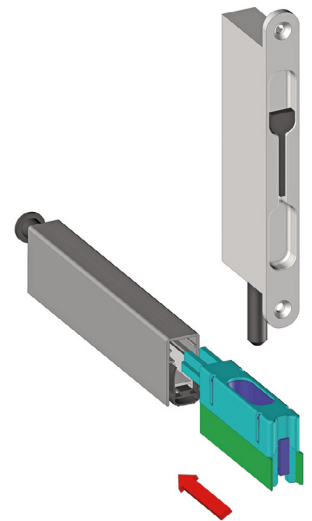
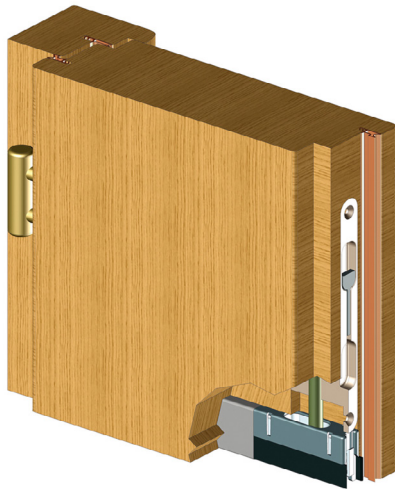
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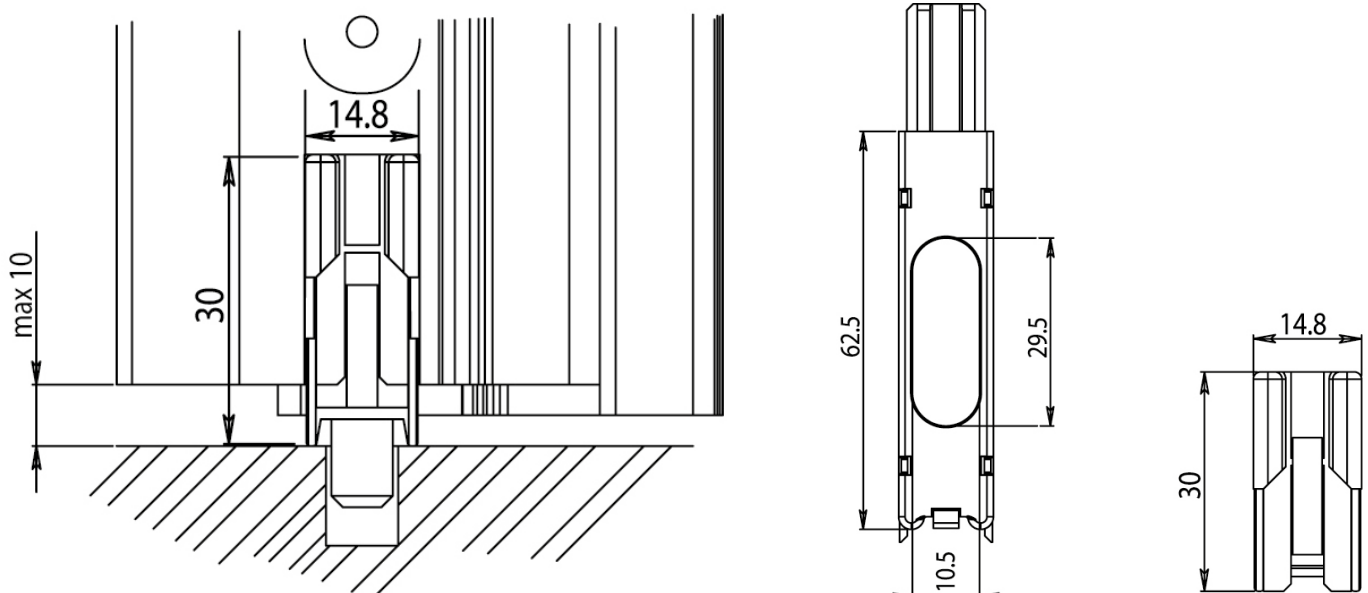
Typical wording - 10 / Astro ASDBX DB Plus Seal / AFASDBX/330 / Aluminium / 330mm

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

Product Availability



Dimensions and Schematic Diagram.



DB Seal Extension - Astro ASDBX/FBEXT & ASDBX/FBBOLT

A unique solution to fitting rebated flush bolts in conjunction with drop down seals. The DB SEAL Extension works as an extender with the Astro DB Seal Plus drop down seal. 10mm maximum drop and the seal is manually lowered on the handle side. Also available are 150mm Stainless Steel Flush Bolts (AFASDBX/FBBOLT) with radiused ends designed to work with the DB Seal Extension. Noise Reduction Index Rw 35dB*. Seal is manually lowered on handle side.

Product Availability

Product Code	Description
AFASDBX/FBEXT	Astro DB Seal Plus Extension
AFASDBX/FBBOLT	Astro DB Seal Plus Flush Bolt

To Order & Specify

Please contact us and quote the following information - Quantity / Product Description / Product Code
Typical wording - 10 / Astro DB Seal Plus Extension / AFASDBX/FBEXT

>> Tel: [01329 844 500](tel:01329844500) or >> Email: 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

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

* The sound reduction rating will vary depending on the door density and any additional threshold & perimeter seals used in conjunction with this product, contact Astroflame for confirmation before specifying.

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

Health and Safety

For further information on health and safety requirements please contact the technical team on: tel [01329 844 500](tel:01329844500) or email sales@astroflame.com

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