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The Integrity® Architectural Seals range has been designed and extensively tested to ensure outstanding protection against sound, smoke, rain, fire, light, draughts, dust and even insects.

Manufactured to professional quality standards, Integrity® Seals have been developed and tested particularly for use in commercial, industrial and public buildings.

Integrity® Architectural Seals are frequently multipurpose and, unlike many other seals, can be adjusted without the need to remove the door.

**Extruded Elastomeric Seals**
These seals provide a permanent perimeter barrier to the passage of smoke up to 200°C as well as thermal or acoustic insulation. Many of the seals are suitable for upgrading existing fire door assemblies to the latest fire plus smoke protection requirements.

**Threshold (Door Bottom) Seals**
These products seal the gap between the bottom of the door and the floor, a very commonly overlooked risk area. It is particularly important for smoke protection where the gap is in excess of 3mm, the maximum allowable for a fire/smoke door.

**Threshold Plates and Ramps**
A range to meet the requirements of most door types, used in conjunction with a threshold seal.

**Sweep Action Brushes**
A range of hard wearing seals suitable for numerous installations and door types; including single and double swing, revolving, sliding, up and over and roller shutter doors.

**Perimeter Seals**
These products seal the gap between the door and frame or at meeting stiles of double doors.

**Automatic Threshold (Door Bottom) Seals**
A spring-loaded mechanism ensures easy door operation and effective sealing, when the door is closed.

**Finishes**
The range offers today's specifier the widest choice of finishes available, including stainless steel and silver and bronze anodised aluminium – allowing the freedom to match and complement existing door hardware. Special finishes such as powder coating in RAL colours are available to order.

*Note: variances may occur in the anodising process. Please ask for a sample to verify colour match.*

**Fixing**
All Integrity® Architectural Seals are supplied with detailed fixing instructions and self-adhesive backings or appropriate screws. Many have cover strips to conceal the screws when in place.

**Compatibility**
All Integrity® Architectural Seals are compatible with the materials normally used in doors and door frames, including wood, steel, PVC, aluminium and glass.

**Maintenance**
Periodic inspection and cleaning is recommended for all types of seals. The appearance and performance of seals will benefit from an annual wipe with a damp cloth. Seals should be checked for correct adjustment. Worn or damaged seals should be replaced immediately.

**At-a-Glance Seal Function**
The following icons are used throughout this brochure to give clear and easy recognition of a particular seal's function or possible application. Use of the icons does not necessarily indicate that test evidence exists. Please check with the Lorient Technical team.

- sound
- draughts and dust
- smoke
- light
- weather
- fire
- insects
- wheelchair friendly

will meet the acoustic requirements of Approved Document E

**Acoustic Results**
The acoustic results are given as a dB Rw rating based on actual test evidence. The graphs show indicative sound curves over a range of frequencies. Actual sound curves for individual seals are available on request.
Acoustic Sealing Systems for Door Assemblies

Door assemblies form an integral part of buildings. While there must be gaps around the perimeter of a door for it to operate, these gaps also enable fire, smoke and sound to pass through.

Sealing the gaps around a door is vital to reduce the amount of sound entering or leaving a room. Wherever noise influences human activity, effective acoustic sealing is essential.

Approved Document E to the Building Regulations (England and Wales) now gives specific acoustic performance requirements for door assemblies in a number of situations. Requirement E1 states that, “dwelling-houses, flats and rooms for residential purposes, shall be designed and constructed in such a way that they provide reasonable resistance to sound from other parts of the same building and from adjoining buildings.”

Clauses 2.26, 4.20 and 6.6 of the Document read:

“Ensure that any door has good perimeter sealing (including the threshold where practical), and a minimum mass per unit area of 25kg/m² or a minimum sound reduction index of 29dB Rw (measured according to BS EN ISO 140-3: 1995 and rated according to BS EN ISO 717-1:1997). The door should also satisfy the Requirements of Building Regulations Part B – Fire safety.”

Approved Document E also covers acoustic conditions in schools. Requirement E4 states:

“Each room or other space in a school building shall be designed and constructed in such a way that it has the acoustic conditions and the insulation against disturbance by noise appropriate to its intended use.”


This document gives “performance standards for airborne sound insulation between circulation spaces and other spaces used by students – minimum sound reduction index Rw:

All spaces except music rooms  30dB
Music rooms  35dB”

It is therefore now essential to take into account the requirements of Approved Document E when specifying and installing sealing systems for door assemblies.

Lorient provides a wide range of seals that offer excellent resistance to airborne sound. Many also provide fire and smoke protection and thermal containment.

Standards and Regulations

There are several aspects of the Building Regulations that must be considered. These Approved Documents are not mandatory, they are only guidance; however, they are considered to be the usual means of proving compliance with the Building Regulations:

Fire and Smoke Containment:

The requirements for fire and smoke containment with respect to “means of escape” are contained in Approved Document B to the Building Regulations (England and Wales), Section 2 of the Scottish Technical Handbooks and Technical Booklet E to the Building Regulations (Northern Ireland).

Acoustic Containment:

Approved Document E to the Building Regulations (England and Wales) now gives specific acoustic performance requirements for door assemblies in a number of situations. Acoustic containment is also covered in Section 5 of the Scottish Technical Handbooks and Technical Booklets G and G1 to the Building Regulations (Northern Ireland).

Accessibility:

Approved Document M to the Building Regulations (England and Wales), section 4 of the Scottish Guidance Documents, and Technical Booklet R to the Building Regulations (Northern Ireland) relate to accessibility for all persons entering and using buildings. These Documents specify the size and location for glazed panels in doors in various situations, in order to promote safety and accessibility. Visual contrast on the leading edge of doors is also included, as are opening and closing forces for ease of door operation, threshold height and door width requirements.

Product Illustrations

All dimensions in this brochure are in millimetres.
Technical References
BS EN ISO 9001:2008
Certificate No. Q6104
Lorient is quality assured under the disciplines of BS EN ISO 9001:2008.
Accreditation to this standard is effectively a guarantee of Lorient’s ability to conduct its business to the complete satisfaction of the customer in terms of design solutions, manufacturing consistency and management procedures.
The status of this internationally recognised accreditation generates customer confidence and eliminates the risk of poor performance. Regular audits of the company procedures are carried out by qualified BSI staff to ensure continuing compliance with all aspects of the Standard.

Technical Services and Support
Lorient is always happy to provide specialist advice on fire, smoke and acoustic protection, for both refurbishment and new build projects. We offer:
- a telephone help line
- site visits
- copies of relevant test reports
- samples
- technical and performance specifications
- help and advice on meeting Building Regulations and Standards
- technical presentations and accredited seminars, please ask for details

Web
Lorient has an exciting website which features up-to-date information including:
- CAD drawings
- product information
- help and advice on meeting Building Regulations and Standards
Access the Lorient web site on
www.lorientgroup.com
e-mail us on mktg@lorientuk.com

Please Note: Recommendations as to methods, use of materials and construction details are based on the experience and knowledge of Lorient and are given in good faith as a general guide and a service to designers, contractors and manufacturers.

New and Custom Made Products
Adopting a policy of ongoing innovation, Lorient is continually adding to its range of products. If you do not find your exact requirement in this brochure please call us on +44 (0) 1626 834252.
We may well be able to supply an existing non-standard item or develop a customised solution for you.

Trade Associations
Lorient is a member of the Glass and Glazing Federation Fire Resistant Glazing Group (GGF) and is a founder member of the Intumescent Fire Seals Association (IFSA).
Lorient is also an associate member of the British Woodworking Federation (BWF), the Architectural and Specialist Door Manufacturers Association (ASDMA), the Guild of Architectural Ironmongers (GAI) and is also an Approved Supplier to the BWF CERTIFIRE Fire Door and Doorset scheme.

Prices and Conditions of Sale
A price list for all Lorient products is available on request. The Lorient policy of continuing development means that the products supplied may differ slightly from those described in this brochure. All products are sold subject to Lorient’s terms and conditions of sale which are available on request.

Ordering, Supply and Delivery
All Lorient products are generally available from stock: they may be ordered by post, telephone or fax.

Orders should be sent to:-
Lorient Polyproducts Ltd.
Endeavour House, Fairfax Road,
Heathfield Industrial Estate,
Newton Abbot,
Devon, TQ12 6UD,
United Kingdom.
Telephone: +44 (0) 1626 834252
Fax: +44 (0) 1626 833166
Email: orders@lorientuk.com
Extruded Elastomeric Seals 1000 Series

- IS1206 Single Batwing®
- IS1507 Single Batwing®
- IS1010 Batwing®
- IS1212 Batwing®
- IS1515 Batwing®
- IS1212K Batwing®-on-a-Stick
- IS1511 Firtree™
- IS1606
- IS1020
- IS1025
- IS1030
- IS1040
- IS1045
- IS1008 si

Perimeter Seals 7000 Series

- IS7010 si
- IS7020 si
- IS7025 si
- IS7030S si
- IS7040S si
- IS7061
- IS7090 si
- IS7100 si
- IS7110 si
- IS7120 si
- IS7130 si

Sweep Action Brushes 5000 Series

- IS5020
- IS5035
- IS5060H
- IS5075A
- IS8005 si
- IS8010 si
- IS8020 si
- IS8035 si

Threshold Plates and Ramps 4000 Series

- IS4010
- IS4015
- IS4020
- IS4025
- IS4050S
- IS4055S
- IS4060S
- IS4065S
Threshold (Door Bottom) Seals 3000 Series

Magnetic Seals 6000 Series

Automatic Threshold (Door Bottom) Seals 8000 Series

Speciality Seals 9000 Series

Drawings shown at 48% actual size. Product dimensions are in mm.
**IS1010, IS1212, IS1515, IS1212K, IS1206 and IS1507 Batwing® Seals**

Medium Duty

Primarily designed for upgrading existing fire resistant doors to provide additional protection against smoke up to 200°C. Can be fitted with minimal disruption to the door assembly. The Batwing® seal is also a highly effective acoustic seal when tested in accordance with BS EN ISO 140-3:1995. See separate manual for further details.

### Key Benefits
- Curved fin shape minimises open/closing resistance. Flexible elastomeric fins ensure the original shape is maintained, providing ongoing performance and durability in service.
- Symmetrical design ensures fins are always in contact with two surfaces of door leaf, creating an air chamber to provide excellent acoustic performance.
- Tested in accordance with BS EN ISO 140-3: 1995.
- Effective smoke seal up to 200°C.
- Variety of standard colours to blend with door designs.
- Fully tested for performance and durability under the third party certification schemes CERTIFIRE (CF136) and British Board of Agrément.

### Location
- Head and jambs of single and double leaf doors.

### Use with
- Practically any threshold (door bottom) seal (3000 and 8000 series). IS8010 si or IS8005 si automatic threshold (door bottom) seals are recommended for optimum acoustic containment.

### Min/max gap size
- 3mm/4mm.

### Seal material
- Co-extruded rigid back with flexible fins.

### Standard lengths
- 1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

### Fixing
- Supplied with strong self-adhesive tape, tested on many surfaces, including MDF. Groove size for IS1212K is 9mm x 3mm.

### Colours
- Black, white, dark brown, light brown, grey, silver and cream.

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**Acoustic performance**

- Weighted Sound Reduction (Rw): 31dB
- Sound Transmission Class (STC): 31dB

**Standard Architectural Solid Core Door**

Shown with automatic threshold (door bottom) seal IS8010 si and LP1004 fireseal.
**IS1020, IS1030 and IS1040**  Extruded Elastomeric Seals

**Light Duty**

Three superior quality, self adhesive door and window frame weatherstrips, which provide a compression seal.

- **Location**
  Mounted on the doorstop for single swing doors.

- **Min/max gap size**
  IS1020 - 3mm/4mm.
  IS1030 - 2mm/3.5mm.
  IS1040 - 2mm/3mm.

- **Seal material**
  IS1030 and IS1040 – soft EPDM foam.
  IS1020 – soft PVC foam.

- **Standard lengths**
  IS1020 – 6m and 100m rolls.
  IS1030 – 6m and 100m rolls.
  IS1040 – 6m rolls.

- **Fixing**
  Self-adhesive tape.
  *Note: contact surfaces must be clean, smooth and, if painted, well cured.*

- **Colours**
  White or brown.
**IS1025 and IS1045 si**  Extruded Elastomeric Seals

**Light Duty**

Two superior quality, self-adhesive profiles for doors and window frames, which provide a compression seal.

- **Location**
  - IS1025 – mounted on doorstop or can be recessed by up to 2mm on single swing doors.
  - IS1045 si – mounted on doorstop for single swing doors.

- **Min/max gap size**
  - IS1025 – 3mm/4mm (rebated).
  - IS1025 – 3mm/5.5mm (non-rebated).
  - IS1045 si – 3mm/5mm.

- **Seal material**
  - IS1025 – co-extruded elastomeric bulb with PVC spine.
  - IS1045 si – silicone.

- **Standard lengths**
  - IS1025 – 1m and 2.1m lengths.
  - IS1045 si – 50m reels.

- **Fixing**
  - Self-adhesive tape. *Note: contact surfaces must be clean, smooth and, if painted, well cured.*

- **Colours**
  - IS1025 – White or brown.
  - IS1045 si – Black, white or brown.

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**IS1008 si**  Bulb Seal

- **Key Benefits**
  - Durable, silicone bulb seal for acoustic performance and smoke containment. Push fits quickly and easily into a 2mm wide x 3mm deep groove.

- **Location**
  - Head and jambs of single swing doors.

- **Use with**
  - Practically any threshold (door bottom) seal (3000 series and 8000 series).

- **Min/max gap size**
  - 3mm/6mm.

- **Seal material**
  - Flexible silicone rubber.

- **Standard lengths**
  - 100m reels.

- **Fixing**
  - Interference fit into a kerf 2mm wide and minimum 3mm deep.

- **Colours**
  - Black. Other colours to order.
**IS1511 Firtree™ Seal**

A highly effective acoustic seal with smoke barrier performance up to 200°C.

- **Location**
  Head and jambs of single and double leaf doors.

- **Use with**
  Practically any threshold (door bottom) seal (3000 and 8000 series). IS8010 is recommended for optimum acoustic performance.

- **Min/max gap size**
  3mm/4mm. 6mm finned version available.

- **Seal material**
  Co-extruded rigid back with flexible fins.

- **Standard lengths**
  1m and 2.1m. Other lengths to special order.

- **Fixing**
  Interference fit into a kerf 3mm wide and minimum 4mm deep.

- **Colours**
  Black or white.

**IS1606 Bulb Seal**

A bulb type buffer seal with a semi-rigid spine for kerf fitting.

- **Location**
  Head and jambs of single swing doors.

- **Use with**
  Practically any threshold (door bottom) seal (3000 and 8000 series).

- **Min/max gap size**
  3mm/6mm.

- **Seal material**
  Co-extruded elastomeric bulb with PVC spine.

- **Standard lengths**
  5m and 10m rolls.

- **Fixing**
  Interference fit into a kerf 2mm wide and minimum 5mm deep.

- **Colours**
  Black, white, brown or silver grey.
**3000 Series**

**INTEGRITY ARCHITECTURAL SEALS**

**IS3015 si and IS3016 si**

Threshold (Door Bottom) Seals

Medium Duty


- **Location**
  Single and double swing doors.

- **Use with**
  Practically any threshold plate (4000 series).

- **Min/max gap size**
  IS3015 – 5mm/8mm.
  IS3016 – 7mm/10mm.

- **Seal material**
  Flexible silicone rubber.

- **Standard lengths**
  1m and 2.1m. Other lengths to special order.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled. Once the aluminium carrier is fixed, the rubber gasket can be snapped easily into place, due to its unique ‘push fit’ design. **Note:** these seals cannot be adjusted once fitted.

- **Finish**
  Silver anodised aluminium with black flexible insert.

- **Acoustic performance**
  Weighted Sound Reduction (Rw): 35dB.
  Sound Transmission Class (STC): 35dB.

---

**High Performance Acoustic Door Construction**

- Improvement using IS7020 sl, IS7061 & IS3015 si
- Fully caulked door representing theoretical maximum performance
- Unsealed door

Both seals shown with threshold plate IS4010.
IS3020 si and IS3021 si  Threshold (Door Bottom) Seals
Heavy Duty

- **Location**
  Single and double swing doors.

- **Use with**
  Practically any threshold plate (4000 series).

- **Min/max gap size**
  IS3020 si – 13mm/19mm.
  IS3021 si – 16mm/24mm.

- **Seal material**
  Flexible silicone rubber.

- **Standard lengths**
  1m and 2.1m. Other lengths to special order.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled. Once the aluminium carrier is fixed, the rubber gasket can be snapped easily into place, due to its unique ‘push fit’ design.
  *Note: these seals cannot be adjusted once fitted.*

- **Finish**
  Silver anodised aluminium with black silicone rubber gasket.

Both seals shown with threshold plate IS4015.
IS3050S si Threshold (Door Bottom) Seal
Heavy Duty

A low maintenance seal, extremely resistant to weathering or aggressive commercial environments. Impervious to most chemicals, solvents, cleaning fluids and disinfectants.

- **Location**
  - Single and double leaf doors.
  - Up and over garage doors.
  - Roller shutter doors.

- **Use with**
  - Any stainless steel threshold plate (4000 series).

- **Min/max gap size**
  - 5mm/10mm.

- **Seal material**
  - Silicone rubber blade.

- **Standard lengths**
  - 1m and 2.1m. Other lengths to special order.

- **Fixing**
  - Fixing screws are supplied, fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.

- **Finish**
  - Grade 304 stainless steel with grey silicone rubber.

Shown with threshold plate IS4050S.
**IS3070 si** Threshold (Door Bottom) Seal

**Heavy Duty**

A weather proof seal which can be fitted without removing the door, and can be used with a choice of threshold plates.

- **Location**
  - Single and double leaf doors.
  - Roller shutter doors.
  - Up and over doors.

- **Use with**
  - Practically any threshold plate (4000 series).

- **Min/max gap size**
  - 12mm/14mm.

- **Seal material**
  - Flexible silicone rubber.

- **Standard lengths**
  - 1m and 2.1m. Other lengths to special order.

- **Fixing**
  - Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately. A PVC cover strip to conceal fixings is supplied.

- **Finish**
  - Silver anodised aluminium with grey cover strip and grey silicone rubber gasket.

Shown with threshold plate IS4130.
IS3080 si Threshold (Door Bottom) Seal

Heavy Duty

A heavy duty sweep action door bottom seal.

- **Key Benefits**
  - Hard wearing and durable seal.
  - Slim-line, aesthetic design.
  - Seal screw-fixed without self-adhesive.

- **Location**
  - Single and double leaf doors.
  - Up and over garage doors.
  - Roller shutter doors.

- **Use with**
  - Practically any threshold plate (4000 series).

- **Min/max gap size**
  - 10mm/22mm.

- **Seal material**
  - Flexible silicone rubber.

- **Standard lengths**
  - 1m and 2.1m. Other lengths to special order.

- **Fixing**
  - Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.

- **Finish**
  - Silver anodised aluminium with grey cover strip and black silicone rubber gasket. Special colours can be supplied when ordering the snap-on PVC cover plate (IS3081 si).

Shown with threshold plate IS4010.
**IS3100 si** Threshold (Door Bottom) Seal with Threshold Plate

**Medium Duty**

A storm-proof seal consisting of the IS3070 si threshold seal and IS4100 threshold plate. The plate may be filled with slurry to help keep it in position when crossed by heavy industrial traffic.

- **Key Benefits**
  - Storm-proof, multi-blade seal to deflect water.
  - Flexible bedding gasket on plate to eliminate vibration and noise and provide cushioning on uneven surfaces.
  - Can be fitted without removing the door.
  - Concealed fixings, pre-drilled and slotted holes on IS3070 si for easy adjustment.
  - Durable, anodised aesthetic finish.

- **Location**
  - Single swing doors.
  - Roller shutter doors.
  - Up and over doors.

- **Min/max gap size**
  - 22mm/24mm.

- **Seal material**
  - IS3070 si – Flexible silicone rubber.
  - IS4100 – Extruded aluminium with flexible bedding gasket.

- **Standard lengths**
  - 1m and 2.1m. Other lengths to special order.

- **Fixing**
  - IS3070 si – Wood screws are supplied (self-tapping screws for metal frames are available on request.)
  - Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.
  - A PVC cover strip to conceal fixings is supplied.
  - IS4100 – Fixing screws are supplied. An aluminium cover strip to conceal fixings is supplied.

- **Finishes**
  - IS3070 si – Silver anodised aluminium with grey cover strip and grey silicone rubber gasket or bronze anodised aluminium with black cover strip and black silicone rubber gasket.
  - IS4100 – Silver anodised aluminium with grey flexible bedding gasket or bronze anodised aluminium with black flexible bedding gasket.
Low profile threshold plates, only 6mm high, with vinyl feet to provide cushioning and levelling on uneven surfaces. These seals, when used in conjunction with threshold (door bottom) seals prevent rain, draught, and smoke penetration.

- **Location**
  Single and double swing doors.

- **Use with**
  Practically any threshold (door bottom) seal (3000 and 8000 series).

- **Material**
  Extruded aluminium with flexible bedding gaskets.

- **Standard Lengths**
  1m and 2.1m. Other lengths to special order.

- **Fixing**
  Fixing screws are supplied.

- **Finishes**
  Silver anodised aluminium with grey flexible bedding gaskets.
  Bronze anodised aluminium available to special order.
IS4050S, IS4055S, IS4060S and IS4065S Stainless Steel Threshold Plates
Heavy Duty

Stainless steel threshold plates, when used in conjunction with threshold (door bottom) seals prevent rain, draught and smoke penetration. Impervious to most chemicals, solvents, cleaning fluids and disinfectants.

- **Location**
  Single and double swing doors.

- **Use with**
  Practically any threshold (door bottom) seal (3000 and 8000 series).

- **Material**
  Grade 304 stainless steel.

- **Standard lengths**
  1m and 2.1m. Other lengths to special order.

- **Fixing**
  Stainless steel fixing screws are supplied, fixing holes are pre-drilled.

- **Finish**
  Grade 304 stainless steel.
IS4070, IS4075 and IS4077 Threshold Ramps
Medium Duty

Threshold ramps for use in buildings where wheelchairs and trolleys are used or to compensate for uneven floors. Suitable for use with pivot and butt hinged doors. IS4070 and IS4077 provide a 1:8 gradient and IS4075 provides a gentle 1:12 gradient.

Key Benefits
- Ramp style provides gentle sloping gradient for wheelchair friendly access.
- Flexible bedding gaskets to eliminate vibration and noise and provide cushioning on uneven surfaces.
- Durable anodised aesthetic finish.

Location
- Single and double swing doors.
- Roller shutter doors.
- Up and over doors.
- Uneven floor surfaces.

Use with
- Practically any threshold (door bottom) seal (3000 and 8000 series).

Material
- Extruded aluminium with flexible bedding gaskets.

Standard lengths
- 1m and 2.1m. Other lengths to special order.

Fixing
- Fixing screws are supplied.

Finishess
- Silver anodised aluminium, with grey flexible bedding gaskets.
IS4100 Threshold Plate
Medium Duty

A threshold plate used in conjunction with a threshold (door bottom) seal to prevent rain, draught and smoke penetration.

- **Key Benefits**
  - Flexible bedding gasket to eliminate vibration and noise and provide cushioning on uneven surfaces.
  - Concealed fixings.
  - Durable, anodised aesthetic finish.

- **Location**
  - Single and double swing doors.

- **Use with**
  - Practically any threshold (door bottom) seal (3000 and 8000 series).

- **Material**
  - Extruded aluminium with flexible bedding gasket.

- **Standard lengths**
  - 1m and 2.1m. Other lengths to special order.

- **Fixing**
  - Fixing screws are supplied. An aluminium cover strip to conceal fixings is supplied.

- **Finishes**
  - Silver anodised aluminium with grey flexible bedding gasket.
  - Bronze anodised aluminium available to special order.
**IS4110 and IS4120** Threshold Plates

Medium Duty

These seals, when used in conjunction with threshold (door bottom) seals prevent rain, draught, and smoke penetration.

- **Location**
  - Single and double swing doors.

- **Use with**
  - Practically any threshold (door bottom) seal (3000 and 8000 series).

- **Material**
  - Extruded aluminium.

- **Standard Lengths**
  - 1m and 2.1m. Other lengths to special order.

- **Fixing**
  - Fixing screws are supplied.

- **Finishes**
  - Silver or bronze anodised aluminium. Special colours can be supplied using a powder coated finish for additional aesthetics.
**IS4130 and IS4140** Threshold Plates  
Medium Duty

These seals, when used in conjunction with a threshold (door bottom) seal prevent rain, draught, and smoke penetration.

- **Location**  
  Single and double swing doors.

- **Use with**  
  Practically any threshold (door bottom) seal (3000 and 8000 series).

- **Material**  
  Extruded aluminium.

- **Standard Lengths**  
  1m and 2.1m. Other lengths to special order.

- **Fixing**  
  Fixing screws are supplied.

- **Finishes**  
  Silver or bronze anodised aluminium.
IS4220 si  Threshold Plate
Heavy Duty

Suitable for outward opening doors to prevent rain, draught, light and noise penetration.

- **Key Benefits**
  - Flexible bedding gaskets eliminate vibration and noise and provide cushioning on uneven surfaces.
  - Durable anodised aesthetic finish.
  - High performance silicone compression seal helps resist rain, light, dust and noise penetration.

- **Location**
  - Single and double leaf outward opening doors.

- **Use with**
  - Practically any threshold (door bottom) seal (3000 series and 8000 series) and in conjunction with any perimeter seal (7000 series) to provide a total door sealing solution.

- **Material**
  - Extruded aluminium, silicone gasket and flexible bedding gaskets.

- **Standard lengths**
  - 1m and 2.1m. Other lengths to special order.

- **Fixing**
  - Fixing screws are supplied.

- **Finishes**
  - Silver anodised aluminium with grey silicone rubber gasket and grey flexible bedding gaskets.
  - Bronze anodised aluminium with black silicone rubber gasket and black flexible bedding gaskets.
IS5010, IS5015, IS5020, IS5025 and IS5030 Sweep Action Brushes

Medium Duty

- **Location**
  Head, jambs, threshold and meeting stiles of single and double swing doors, and sliding doors.
  Head, jambs and threshold of revolving doors, up and over doors, and roller shutter doors.

- **Use with**
  Any threshold plate (4000 series).

- **Min/max gap size**
  IS5010: 10mm/13mm.
  IS5015: 13mm/19mm.
  IS5020: 19mm/25mm.
  IS5025: 25mm/35mm.
  IS5030: 35mm/45mm.

- **Seal material**
  Nylon brush filaments, UV stabilised.

- **Standard lengths**
  1m, 2.1m and 3m. Other lengths to special order.

- **Fixing**
  Heavy duty self-adhesive tape.

- **Finishes**
  Silver or bronze anodised aluminium with black brush filaments.

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Note:
For information on brush only products, please refer to the Gasket, Brush and Seal Components section.
IS5035, IS5040, IS5045, IS5050 and IS5055 Sweep Action Brushes

Heavy Duty

- **Location**
  Head, jambs, threshold and meeting stiles of single and double swing doors, and sliding doors.
  Head, jambs and threshold of revolving doors, up and over doors, and roller shutter doors.

- **Use with**
  Any threshold plate (4000 series).

- **Min/max gap size**
  IS5035: 20mm/40mm.  IS5040: 40mm/60mm.
  IS5045: 60mm/80mm.  IS5050: 80mm/120mm.
  IS5055: 120mm/150mm.

- **Seal material**
  Nylon brush filaments, UV stabilised.

- **Standard lengths**
  1m, 2.1m and 3m. Other lengths to special order.

- **Fixing**
  Heavy duty self-adhesive tape.
  Screw fixing recommended: screws not supplied.

- **Finishes**
  Silver anodised aluminium with black brush filaments.
  Bronze anodised available to special order.

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**Note:**
For information on brush only products, please refer to the Gasket, Brush and Seal Components section.
IS5060H, IS5065H and IS5070H Sweep Action Brushes

Medium Duty

- **Location**
  Sliding doors.

- **Min/max gap size**
  IS5060H: 24mm/30mm.
  IS5065H: 32mm/40mm.
  IS5070H: 39mm/50mm.

- **Seal material**
  Nylon brush filaments, UV stabilised.

- **Standard lengths**
  1m, 2.1m and 3m. Other lengths to special order.

- **Fixing**
  Heavy duty self-adhesive tape.

- **Finishes**
  Silver or bronze anodised aluminium with black brush filaments.

**Note:**
For information on brush only products, please refer to the Gasket, Brush and Seal Components section.
IS5075A, IS5080A and IS5085A Sweep Action Brushes

Medium Duty

- **Location**
  A variety of industrial door applications requiring angled brushes.

- **Min/max gap size**
  IS5075A: 19mm/25mm.
  IS5080A: 25mm/35mm.
  IS5085A: 35mm/45mm.

- **Seal material**
  Nylon brush filaments, UV stabilised.

- **Standard lengths**
  1m, 2.1m and 3m. Other lengths to special order.

- **Fixing**
  Heavy duty self-adhesive tape.

- **Finishes**
  Silver or bronze anodised aluminium with black brush filaments.

*Note:*
*For information on brush only products, please refer to the Gasket, Brush and Seal Components section.*
IS6015 Magnetic Perimeter Seal  
Medium Duty

Refrigeration-type vinyl magnetic strip in anodised aluminium housing. The strip holds the door closed so latches are not always required. This seal has proved to be an effective acoustic seal when tested in accordance with BS EN ISO 140-3: 1995. See Acoustic Sealing Systems for Door Assemblies manual for further details.

- **Key Benefits**
  - Concealed fixings, pre-drilled and slotted holes for easy adjustment.
  - Easily installed without removing the door.
  - Can be used as a stop.
  - Can be supplied with magnetic keeper strip, IS6100 which has an aggressive self-adhesive backing for fixing to timber doors.

- **Location**
  - Head and jambs of single swing steel clad doors and timber doors with IS6100 insert.

- **Seal material**
  - IS6015 – flexible vinyl with magnetic core.
  - IS6100 – PVC sleeve with magnetic insert.

- **Standard lengths**
  - 1m and 2.1m. Other lengths and single doorset packs consisting of 1 x 1m and 2 x 2.1m available to special order.

- **Fixing**
  - Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately. A PVC cover strip to conceal fixings is supplied.
  - Note: order IS6100 magnetic keeper strip for use with timber doors. Supplied with self-adhesive backing as standard.

- **Finish**
  - IS6015 – silver anodised aluminium with grey insert or bronze anodised aluminium with black insert.
  - IS6100 – brown, cream or maple PVC sleeve. Other colours, including woodgrain finishes, to special order.

- **Acoustic Performance**
  - Weighted Sound Reduction Index (Rw): 33dB.
  - Sound Transmission Class (STC): 33dB.
**IS6020 Magnetic Seal for Meeting Stiles**
Medium Duty

This seal is an effective acoustic seal when tested in accordance with BS EN ISO 140-3: 1995. See Acoustic Sealing Systems for Door Assemblies manual for further details.

- **Location**
  - Rebated meeting stiles of double leaf doors.
  - Sliding doors.

- **Seal material**
  - Grey silicone rubber. Black insert to special order.

- **Standard lengths**
  - 2.1m. Other lengths to special order.

- **Fixing**
  - The aluminium trough is toothed to lock into a 16mm x 12mm groove. The magnetic seals are also ‘locked’ in to prevent creeping.

- **Finish**
  - Silver anodised aluminium with grey insert. Black insert to special order.
  - Note: not suitable where centre latching is required.

- **Acoustic performance**
  - Weighted Sound Reduction (Rw): 30dB
  - Sound Transmission Class (STC): 30dB

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**Standard Architectural Solid Core Door**

![Graph showing sound reduction index (dB) vs. third octave band centre frequency (Hz)]
**IS6030 Magnetic Perimeter Seal**

Medium Duty

Refrigeration-type vinyl magnetic strip in anodised aluminium housing. The strip holds the door closed so latches are not always required. This seal has proved to be an effective acoustic seal when tested in accordance with BS EN ISO 140-3: 1995. See Acoustic Sealing Systems for Door Assemblies manual for further details.

- **Key Benefits**
  - Durable anodised aesthetic finish.
  - Concealed fixings, pre-drilled and slotted holes for easy adjustment.
  - Easily installed without removing the door.
  - Can be supplied with magnetic keeper strip, IS6100 which has an aggressive self-adhesive backing for fixing to timber doors.

- **Location**
  - Head and jambs of single swing steel clad doors and timber doors with IS6100 insert.

- **Seal material**
  - IS6030 – flexible vinyl with magnetic core.
  - IS6100 – PVC sleeve with magnetic insert.

- **Standard lengths**
  - 1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  - Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately. A PVC cover strip to conceal fixings is supplied.
  - Note: order IS6100 magnetic keeper strip for use with timber doors. Supplied with self-adhesive backing as standard.

- **Finish**
  - IS6030 – silver anodised aluminium with grey insert or bronze anodised aluminium with black insert.
  - IS6100 – brown, cream or maple PVC sleeve. Other colours, including woodgrain finishes, to special order.

**Acoustic Performance**

Weighted Sound Reduction Index (Rw): 33dB.
Sound Transmission Class (STC): 33dB.
IS7010 si and IS7020 si Perimeter Seals
Medium Duty

Tamper-proof seals supplied with neat snap-on cover plates to conceal fixing screws, presenting exceptionally smooth external aspects. Tested in accordance with BS EN ISO 140-3:1995. See Acoustic Sealing Systems for Door Assemblies manual for further details.

CERTIFIRE approved, certificate no. CF136.

- **Location**
  Head and jambs of single swing doors.

- **Seal material**
  Flexible silicone rubber.

- **Standard lengths**
  1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.

- **Finishes**
  Silver or bronze anodised aluminium with black silicone rubber gasket. A grey silicone gasket is available on request. Special colours can be supplied using a powder coated finish on the cover plate.

- **Acoustic Performance**
  Weighted Sound Reduction Index (Rw): 33dB.
  Sound Transmission Class (STC): 33dB.
IS7025 si and IS7110 si Perimeter Seals
Medium Duty

Two acoustic seals designed to be fitted to existing door stops. Tested in accordance with BS EN ISO 140-3: 1995. See Acoustic Sealing Systems for Door Assemblies manual for further details. Both seals meet the smoke leakage performance requirements of BS 5588 when tested in accordance with BS 476 Pt 31.1. IS7025 si and IS7026 si are CERTIFIRE approved, certificate no. CF136.

- **Location**
  Head and jambs of single swing doors.

- **Seal material**
  Flexible silicone rubber.

- **Standard lengths**
  1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately. A PVC cover strip to conceal fixings is supplied.

- **Finishes**
  Silver or bronze anodised aluminium with black silicone rubber gasket. A grey silicone gasket is available on request. Special colours can be supplied when ordering the snap-on cover plate (products IS7026 si and IS7111 si).

- **Acoustic performance**
  Weighted Sound Reduction Index (Rw): 31dB.
  Sound Transmission Class (STC): 31dB.

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IS7025 si

- Weighted Sound Reduction Index (Rw): 31dB.
- Sound Transmission Class (STC): 31dB.

IS7026 si

- Weighted Sound Reduction Index (Rw): 31dB.
- Sound Transmission Class (STC): 31dB.

IS7110 si

- Weighted Sound Reduction Index (Rw): 31dB.
- Sound Transmission Class (STC): 31dB.

IS7111 si

- Weighted Sound Reduction Index (Rw): 31dB.
- Sound Transmission Class (STC): 31dB.
**IS7030S si** Stainless Steel Perimeter Seal
Medium Duty

- **Location**
  Head and jambs of single swing doors.
- **Seal material**
  Foamed silicone rubber.
- **Standard lengths**
  1m and 2.1m. Other lengths to special order.
- **Fixing**
  Stainless steel fixing screws are supplied, fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.
- **Finish**
  Grade 304 stainless steel with grey silicone rubber insert.

**IS7040S si** Stainless Steel Perimeter Seal
Heavy Duty

- **Location**
  Head and jambs of single swing doors
  - Heavy duty hinged doors.
- **Seal material**
  Foamed silicone rubber.
- **Standard lengths**
  1m and 2.1m. Other lengths to special order.
- **Fixing**
  Stainless steel fixing screws are supplied, fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.
- **Finish**
  Grade 304 stainless steel with grey silicone rubber insert.
**IS7061 Perimeter Seal**
Medium Duty

Suitable for use on either plain or rebated meeting stiles. The leg can be cut out to make way for locks and latches. It can be rebated or face fixed. Tested in accordance with BS EN ISO 140-3: 1995. See Acoustic Sealing Systems for Door Assemblies manual for further details.

- **Location**
  Meeting stiles of single swing doors.

- **Seal material**
  Extruded elastomeric rubber.

- **Standard lengths**
  1m and 2.1m.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and countersunk. Once the aluminium carrier is fixed, the seal component can be snapped easily into place, due to its unique, ‘push-fit’ design.
  
  *Note: A door selector should be considered unless one leaf is intended to be fixed.*

- **Finishes**
  Silver or bronze anodised aluminium with black, white, dark brown, light brown, grey, silver and cream Batwing® insert.

- **Acoustic performance**
  Weighted Sound Reduction Index (Rw): 33dB.
  Sound Transmission Class (STC): 33dB.

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**Standard Architectural Solid Core Door**

![Graph showing improvement using IS7061, IS1212 Batwing®, IS7061 & IS8016 & IS4015.]

**High Performance Acoustic Door Construction**

![Graph showing improvement using IS7061 & IS7120 & IS8010.]

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**Architectural Seals**
IS7070 Perimeter Seal
Medium Duty

Designed for timber doors with plain or rebated meeting stiles and where a centre latch is required. The leg of this seal can be cut out to accommodate the latch plate.

■ Location
  Meeting stiles of single and double swing doors.
  Sliding doors.
  Revolving doors.

■ Seal material
  Choose from:
  (i) 4mm projection brush pile
  (ii) 6mm projection brush pile with central fin
  (iii) 4mm projection twin elastomeric fins
  (iv) 6mm projection twin elastomeric fins
  Note: twin elastomeric fins will provide optimum acoustic performance.

■ Standard lengths
  1m and 2.1m. Other lengths to special order.

■ Fixing
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and countersunk. A PVC cover strip to conceal fixings is supplied.

■ Finishes
  Silver anodised aluminium with grey cover strip and black brush pile or twin seal insert.
  Bronze anodised aluminium with black cover strip and black brush pile or twin seal insert.
**IS7080 si Perimeter Seals**

Medium Duty

A neat, compact perimeter seal which has been proved to be an effective acoustic seal when tested in accordance with BS EN ISO 140-3: 1995. See Acoustic Sealing Systems for Door Assemblies manual for further details. This seal can be used to replace the stop on steel or timber framed doors.

- **Location**
  Head and jambs of single swing doors.

- **Seal material**
  Flexible silicone rubber.

- **Standard lengths**
  1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately. A PVC cover strip to conceal fixings is supplied.

- **Finishes**
  Silver anodised aluminium with grey cover strip and black silicone rubber gasket.
  Bronze anodised aluminium with black cover strip and black silicone rubber gasket.
  A grey silicone gasket is available on request.

- **Acoustic performance**
  Weighted Sound Reduction Index (Rw): 33dB.
  Sound Transmission Class (STC): 33dB.

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**Standard Architectural Solid Core Door**

![Graph showing sound reduction index improvement using IS7080 si & IS8010 si, fully sealed door representing theoretical maximum performance, and unsealed door.]
IS7085 si Perimeter Seal
Medium Duty

A neat, compact perimeter seal which can be used to replace the stop on steel or timber framed doors. Supplied as standard with a high resilience, silicone rubber seal element.

- **Location**
  Head and jambs of single swing doors.

- **Seal material**
  Black or grey silicone rubber.

- **Standard lengths**
  1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately. A PVC cover strip to conceal fixings is supplied.

- **Finishes**
  Silver anodised aluminium, grey cover strip, grey silicone rubber gasket.
  Bronze anodised aluminium, black cover strip, black silicone rubber gasket.
IS7090 si  Perimeter Seal
Heavy Duty

A tamper-proof seal with a neat, snap-on cover plate to conceal fixing screws, presents an exceptionally smooth external aspect. Unique spring-loaded mechanism, automatically self-adjusts to cater for movement or uneven doors.
Tested in accordance with BS EN ISO 140-3:1995. See Acoustic Sealing Systems for Door Assemblies manual for further details.
Meets the smoke leakage performance requirements of BS5588 when tested in accordance with BS 476 Pt 31.1.

- **Location**
  Single swing doors.

- **Min/max gap size**
  3mm/8mm.

- **Seal material**
  Silicone rubber.

- **Standard lengths**
  1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled.

- **Finish**
  Silver anodised aluminium with grey silicone rubber gasket or bronze anodised aluminium with black silicone rubber gasket. Special colours can be supplied using a powder coated finish for additional aesthetics.

- **Acoustic performance**
  Weighted Sound Reduction Index (Rw): 31dB.
  Sound Transmission Class (STC): 31dB.
IS7100 si Perimeter Seal
Medium Duty

A high resilience compression seal for the head and jambs of doors, with excellent tolerance of imperfect fit or uneven clearances.

- **Location**
  Head and jambs of single swing doors.

- **Seal material**
  Flexible silicone rubber.

- **Standard lengths**
  1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately. A PVC cover strip to conceal fixings is supplied.

- **Finishes**
  Silver anodised aluminium, grey cover strip, black silicone rubber gasket.
  Bronze anodised aluminium, black cover strip, black silicone rubber gasket.
  Special colours can be supplied when ordering product IS7101 si with the snap-on PVC cover plate.
**IS7120 si Perimeter Seal**

**Medium Duty**

The seal is squeezed between the door and the stop when the door is closed, thus compensating for warped or unevenly hung doors. Tested in accordance with BS EN ISO 140-3: 1995. See Acoustic Sealing Systems for Door Assemblies manual for further details.

- **Location**
  - Head and jambs of single swing doors.

- **Seal material**
  - Flexible silicone rubber.

- **Standard lengths**
  - 1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  - Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately. A PVC cover strip to conceal fixings is supplied.

- **Finishes**
  - Silver anodised aluminium with grey cover strip and black silicone rubber gasket.
  - Bronze anodised aluminium with black cover strip and black silicone rubber gasket.
  - Special colours can be supplied when ordering the snap-on PVC cover plate – IS7121 si.

- **Acoustic performance**
  - Weighted Sound Reduction Index (Rw): 33dB.
  - Sound Transmission Class (STC): 33dB.
**IS7130 si Perimeter Seal**

**Heavy Duty**

An acoustic seal suitable for fitting to door stops of sufficient depth. Tested in accordance with BS EN ISO 140-3:1995. See Acoustic Sealing Systems for Door Assemblies manual for further details.

- **Location**
  - Head and jambs of single swing doors.

- **Seal material**
  - Flexible silicone rubber.

- **Standard lengths**
  - 1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  - Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled.
  - *Note: this seal cannot be adjusted once fitted.*

- **Finish**
  - Silver anodised aluminium with grey silicone gaskets.

- **Acoustic performance**
  - Weighted Sound Reduction Index (Rw): 31dB.
  - Sound Transmission Class (STC): 31dB.
IS7190 si Perimeter Seal
Heavy Duty

A rugged, tamper-proof seal designed to replace the conventional doorstop. Flexible backing feet enable an impermeable cushion fit to the frame which, together with the silicone rubber gasket, provides a durable, acoustic seal combination.

Meets the smoke leakage performance requirements of BS5588 when tested in accordance with BS 476 Pt 31.1.

- **Location**
  Head and jambs of single swing doors.

- **Seal material**
  Black or grey silicone rubber.

- **Standard lengths**
  1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.

- **Finishes**
  Silver anodised aluminium, grey silicone rubber gasket.
  Bronze anodised aluminium, black silicone rubber gasket.
  Special colours can be supplied using a powder coated finish on the cover plate for additional aesthetics.
**IS7310 si and IS7320 si Perimeter Seals**

**Medium Duty**

These seals are designed for 12mm and 15mm frameless glass doors.

- **Key Benefits**
  - Aesthetic anodised aluminium finish to provide a contrast with the glass door, in accordance with Building Regulations, Document M.
  - Silicone bulbs provide durability and noise reduction
  - Aggressive self-adhesive fixing.

- **Location**
  - Edges of frameless sliding glass door leaves.

- **Seal material**
  - Grey silicone rubber. Black to special order.

- **Standard lengths**
  - 1m and 2.1m.

- **Fixing**
  - Self-adhesive tape.

- **Finishes**
  - Silver anodised aluminium with grey silicone rubber.
IS8005 si Automatic Threshold (Door Bottom) Seal
Medium Duty

A slim-line, concealed automatic threshold (door bottom) seal featuring a high efficiency mechanism. The seal is lifted clear of the floor as soon as the door is opened by a few millimetres – resulting in exceptionally low door operating forces. It requires no power connection.

CERTIFIRE approved, certificate no. CF136.

- **Key Benefits**
  - Internal fins provide superior acoustic properties – tested in accordance with BS EN ISO 140-3: 1995.
  - Meets the smoke leakage performance requirements of BS 5588 when tested in accordance with BS 476: Pt.31.1:1983.
  - Tested for up to 60 minutes under the conditions of BS476: Pt.20/22: 1987 without compromising fire performance.
  - Highly durable – has achieved over 1,000,000 cycles on a full size door assembly.
  - Can be fitted to aluminium doors by door fabricators.

- **Location**
  - Single swing doors.

- **Use with**
  - Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  - 1mm/10mm.

- **Seal material**
  - Grey silicone rubber.

- **Acoustic performance**
  - Weighted Sound Reduction Index (Rw): 37dB.
  - Sound Transmission Class (STC): 37dB.

- **Lengths**
  - 335mm, 435mm, 535mm, 635mm, 735mm, 835mm, 935mm, 1035mm and 1135mm.
  - Note: Each length can be cut to the next size down. The 335mm can be cut back to 255mm.

- **Fixing**
  - This seal is mortised, and screw fixed. Fixing screws are supplied; fixing holes are pre-drilled and countersunk.

- **Adjustment**
  - Self-levelling on uneven surfaces. Seal height can be adjusted independently of the fixing screws.

- **Finishes**
  - Silver anodised aluminium, with grey end plates. Grey silicone rubber.
**IS8010 si** Automatic Threshold (Door Bottom) Seal
Medium Duty

An automatic threshold (door bottom) seal with a high efficiency mechanism which lifts the seal clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. Tested for reliability, the seal completed 1,000,000 cycles without failure. Tested for up to 60 minutes under the conditions of BS 476: Pt.20/22: 1987 without compromising fire resistance. Also tested under the conditions of BS EN 1634-1: 2000. It also meets the smoke leakage performance requirements of BS 5588 when tested in accordance with BS 476 Pt 31.1 and AS 1530.7. Tested for acoustic performance in accordance with BS EN ISO 140-3: 1995. See Acoustic Sealing Systems for Door Assemblies manual for details.

- **Location**
  Single swing doors.

- **Use with**
  Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  1mm/13mm.

- **Seal material**
  Black or grey silicone rubber.

- **Acoustic performance**
  Weighted Sound Reduction Index (Rw): 37dB.
  Sound Transmission Class (STC): 37dB.

- **Standard lengths**
  335mm, 435mm, 535mm, 635mm, 735mm, 835mm, 935mm, 1035mm and 1135mm.
  *Note: Each length can be cut to the next size down.*
  The 335mm can be cut back to 255mm.

- **Fixing**
  Fixing screws are supplied. Striker button which locates in the door jamb, is supplied. This seal is mortised. Pre-drilled radiused end plates are supplied (measuring 21mm x 61mm) which also hold the product in place.

- **Adjustment**
  Self-levelling on uneven surfaces. Can be adjusted independently of the fixing screws.

- **Finishes**
  Silver anodised aluminium with silver end plates, and grey silicone rubber gasket.
  Bronze anodised aluminium with bronze end plates, and black silicone rubber gasket.
**IS8020 si** Automatic Threshold (Door Bottom) Seal

Heavy Duty

An automatic threshold (door bottom) seal which is spring-loaded to lift clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. It can be semi-mortised or face fixed and has an aluminium top cover plate which conceals fixing screws and presents an exceptionally smooth external aspect. Plastic end plates are supplied for the face-fixed version. Completed over 1,000,000 operating cycles without failure. Tested for acoustic performance in accordance with BS EN ISO 140-3: 1995.

- **Location**
  - Single swing doors.

- **Use with**
  - Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  - 1mm/15mm.

- **Seal material**
  - Black or grey silicone rubber.

- **Standard lengths**
  - 335mm, 435mm, 535mm, 635mm, 735mm, 835mm, 935mm, 1035mm and 1135mm.
  - *Note: Each length can be cut to the next size down. The 335mm can be cut back to 255mm.*

- **Acoustic performance**
  - Weighted Sound Reduction Index (Rw): 35dB.
  - Sound Transmission Class (STC): 35dB.

- **Fixing**
  - Fixing screws are supplied, holes should be drilled at time of fixing.

- **Adjustment**
  - Self-levelling on uneven surfaces – can be adjusted independently of the fixing screws.

- **Finishes**
  - Silver anodised aluminium, grey silicone rubber gasket, grey end caps.
  - Bronze anodised aluminium, black silicone rubber gasket, black end caps.
IS8035 si and IS8036 si Automatic Threshold (Door Bottom) Seals – Medium Duty

IS8035 si is a face-fixed or semi-mortised automatic threshold (door bottom) seal with a high efficiency mechanism which lifts the seal clear of the floor as soon as the door is opened by a few millimetres; resulting in lower door operating forces. It requires no power connection. Surface mounted application suitable for upgrading existing doors. Durable flexible elastomeric fin elements are incorporated with the housing to provide acoustic and smoke properties. Tested for reliability, the seal completed 1,000,000 cycles without failure. Tested for up to 60 minutes under conditions of BS 476: Pt.20/22: 1987 without compromising fire resistance; also tested under conditions of BS EN 1634-1:2000. It also meets the smoke leakage performance requirements of BS 5588 when tested in accordance with BS 476 Pt 31.1 and AS 1530.7. Tested for acoustic performance with BS EN ISO 140-3: 1995. Choose IS8036 si with a curved cover plate for enhanced aesthetics: surface mounted only.

CERTIFIRE approved, certificate no. CF136.

- **Location**
  Single swing doors.

- **Use with**
  Any perimeter seal (6000 or 7000 series).
  Any threshold plate (4000 series).

- **Min/max gap size**
  1mm/10mm

- **Seal material**
  Grey silicone rubber.

- **Standard lengths**
  335mm, 435mm, 535mm, 635mm, 735mm, 835mm, 935mm, 1035mm and 1135mm.
  *Note: each length can be cut to the next size down. The 335mm can be cut back to 255mm.*

- **Fixing**
  IS8035 si is face-fixed or semi-mortised onto the door bottom. Fixing holes are pre-drilled and screws are supplied. IS8036 si: face-fixed only.

- **Adjustment**
  Self-levelling on uneven surfaces. Can be adjusted independently of the fixing screws.

- **Finishes**
  Silver anodised aluminium with grey plastic end plates. Grey silicone rubber.

**Acoustic Performance**

Weighted Sound Reduction Index (Rw): 31dB.
Sound Transmission Class (STC): 31dB.
IS8040  Automatic Threshold (Door Bottom) Seal  
Medium Duty

An automatic threshold (door bottom) seal designed to lift clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. The unique double activated mechanism has an adjustable brass striker button at the hinge side and a nylon striker at the latch side. The mechanism also contains additional internal seals and a double compression facility to provide exceptional acoustic performance with minimal opening and closing resistance. Tested in accordance with BS EN ISO 140-3:1995. See Acoustic Sealing Systems for Door Assemblies manual for further details.

- **Location**
  Single leaf, single swing doors.

- **Use with**
  Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  3mm/14mm.

- **Seal material**
  Flexible elastomeric seals and internal fins.

- **Standard lengths**
  335mm, 435mm, 535mm, 635mm, 735mm, 835mm, 935mm, 1035mm and 1135mm.
  **Note:** each size cuts back by 70mm.

- **Acoustic performance**
  Weighted Sound Reduction Index (Rw): 35dB. Sound Transmission Class (STC): 35dB.

- **Fixing**
  Appropriate fixing screws are supplied, fixing holes are pre-drilled. Striker plates, which are located in the door jambs are supplied. This seal must be mortised.

- **Adjustment**
  Self-levelling on uneven surfaces - can be adjusted independently of fixing screws.

- **Finishes**
  Silver anodised aluminium with black flexible insert.
IS8060S Stainless Steel Automatic Threshold (Door Bottom) Seal
Medium Duty

A stainless steel medium duty automatic threshold (door bottom) seal which is spring-loaded to lift clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. The internal mechanism is extremely light to operate with minimal opening and closing resistance.

- **Location**
  Single swing doors.

- **Use with**
  Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  3mm/13mm.

- **Seal material**
  EPDM.

- **Lengths**
  725mm, 825mm, 925mm and 1025mm.
  *Note: each length can be reduced for an exact fit by up to 110mm.*

- **Fixing**
  Fixing screws are supplied, fixing holes are pre-drilled. Striker button, which locates in the door jamb, is supplied. End plates not supplied.

- **Adjustment**
  Self-levelling on uneven surfaces. Adjustment can be carried out independently of the fixing screws.

- **Finish**
  Grade 304 stainless steel with black EPDM insert.
IS8070S si  Stainless Steel Automatic Threshold (Door Bottom) Seal

Heavy Duty

A stainless steel heavy duty automatic threshold (door bottom) seal which is spring-loaded to lift clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. Impervious to most chemicals, solvents, cleaning fluids and disinfectants.

- **Location**
  - Single swing doors.

- **Use with**
  - Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  - 1mm/25mm.

- **Seal material**
  - Foamed silicone rubber.

- **Standard lengths**
  - 610mm, 710mm, 815mm, 915mm, 1015mm, 1120mm and 1220mm.
  - Note: 610mm and 710mm length can be cut back by 80mm. Other lengths can be cut back by 100mm.

- **Fixing**
  - Fixing screws are supplied, fixing holes are pre-drilled. Striker button, which locates in the door stop, is supplied. End plates are supplied.

- **Adjustment**
  - Self-levelling on uneven surfaces. Adjustment can be carried out independently of fixing screws.

- **Finish**
  - Grade 304 stainless steel with grey silicone rubber insert.
**IS8080 si** Automatic Threshold (Door Bottom) Seal
Light to Medium Duty

An automatic door bottom seal which is face-fixed to the bottom edge of single action doors. It operates automatically by a spring loaded mechanism which lifts the seal clear of the floor as soon as the door is opened. It also meets the smoke leakage performance requirements of BS 5588 when tested in accordance with BS 476 Pt.31.1 and AS 1530.7.

- **Location**
  Single swing doors.

- **Use with**
  Any perimeter seal and threshold plate (7000 and 4000 series).

- **Min/max gap size**
  1mm/12mm.

- **Seal material**
  Flexible silicone rubber.

- **Standard lengths**
  915mm, 1220mm
  
  *Note: Seals can be cut on-site for an exact fit.*
  *Minimum length 450mm.*

- **Fixing**
  Fixing screws are supplied, fixing holes are pre-drilled. Striker button, which locates in the door stop, is supplied.

- **Adjustment**
  Self-levelling on uneven surfaces. Adjustment can be carried out without removing the product from the door.

- **Finish**
  Silver anodised aluminium with grey cover strip. High performance grey silicone rubber gasket supplied as standard.
**IS8090 si** Automatic Threshold (Door Bottom) Seal

**Heavy Duty**

An acoustic automatic threshold (door bottom) seal which is spring-loaded to lift clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. It is face fixed or can be semi-mortised and end plates are supplied. Tested for reliability, the seal completed 1,000,000 cycles without failure. Tested in accordance with BS EN ISO 140-3:1995. See Acoustic Sealing Systems for Door Assemblies manual for further details. It also meets the smoke leakage performance requirements of BS 5588 when tested in accordance with BS 476 Pt 31.1 and AS 1530.7.

- **Location**
  Single swing doors.

- **Use with**
  Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  1mm/15mm.

- **Seal material**
  Black or grey silicone rubber.

- **Standard lengths**
  335mm, 435mm, 535mm, 635mm, 735mm, 835mm, 935mm, 1035mm and 1135mm.
  *Note: Each length can be cut to the next size down. The 335mm can be cut back to 255mm.*

- **Fixing**
  Fixing screws are supplied, fixing holes are pre-drilled (plastic end plates are supplied).

- **Adjustment**
  Self-levelling on uneven surfaces – can be adjusted independently of the fixing screws.

- **Acoustic performance**
  Weighted Sound Reduction Index (Rw): 29dB.
  Sound Transmission Class (STC): 28dB.

**Finish**

Silver anodised aluminium with grey silicone rubber gasket, grey end caps.
Bronze anodised aluminium with black silicone rubber gasket, black end caps.
**IS8091 si** Automatic Threshold (Door Bottom) Seal Heavy Duty

An automatic threshold (door bottom) seal which is spring-loaded to lift clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. It is face-fixed and has an aluminium cover plate to conceal fixing screws and presents an exceptionally smooth external aspect. Plastic end plates are supplied. Completed over 1,000,000 operating cycles without failure. Tested for acoustic performance in accordance with BS EN ISO 140-3: 1995. It also meets the smoke leakage performance requirements of BS 5588 when tested in accordance with BS 476 Pt 31.1 and AS 1530.7.

- **Location**  
  Single swing doors.

- **Use with**  
  Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**  
  1mm/15mm.

- **Seal material**  
  Black or grey silicone rubber.

- **Standard lengths**  
  335mm, 435mm, 535mm, 635mm, 735mm, 835mm, 935mm, 1035mm and 1135mm.  
  Each length can be cut to the next size down.  
  The 335mm can be cut back to 255mm.

- **Acoustic performance**  
  Weighted Sound Reduction Index (Rw): 35dB.  
  Sound Transmission Class (STC): 35dB.

- **Fixing**  
  Fixing screws are supplied, fixing holes are pre-drilled.

- **Adjustment**  
  Self-levelling on uneven surfaces – can be adjusted independently of the fixing screws.

- **Finishes**  
  Silver anodised aluminium, grey silicone rubber gasket, grey end caps.  
  Bronze anodised aluminium, black silicone rubber gasket, black end caps.  
  Special colours can be supplied using a powder coated finish for additional aesthetics.
**IS8100 si** Automatic Threshold (Door Bottom) Seal

**Heavy Duty**

An automatic threshold (door bottom) seal which is spring-loaded to lift clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. Plastic end plates are supplied. Completed over 1,000,000 operating cycles without failure. This is a fully mortised version of IS8090 si. Tested for acoustic performance in accordance with BS EN ISO 140-3: 1995. It also meets the smoke leakage performance requirements of BS 5588 when tested in accordance with BS 476 Pt 31.1 and AS 1530.7.

- **Location**
  Single swing doors.

- **Use with**
  Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  3mm/15mm.

- **Seal material**
  Black or grey silicone rubber.

- **Standard lengths**
  335mm, 435mm, 535mm, 635mm, 735mm, 835mm, 935mm, 1035mm and 1135mm.  
  *Note: Each length can be cut to the next size down. The 335mm can be cut back to 255mm.*

- **Acoustic performance**
  Weighted Sound Reduction Index (Rw): 36dB.  
  Sound Transmission Class (STC): 36dB.

### High Performance Acoustic Door Construction

- **Fixing**
  Fixing screws are supplied, fixing holes are pre-drilled.

- **Adjustment**
  Self-levelling on uneven surfaces - can be adjusted independently of the fixing screws.

- **Finishes**
  Silver anodised aluminium, grey silicone rubber gasket, grey end caps.  
  Bronze anodised aluminium, black silicone rubber gasket, black end caps.
IS8110 Automatic Threshold (Door Bottom) Seal
Heavy Duty

- **Key Benefits**
  - Mortised, automatic ‘flat back’ seal to suit installation to aluminium door rails.
  - Spring-loaded mechanism lifts the seal clear of the floor as soon as the door is opened by a few millimetres.
  - Requires no power connection.
  - Self-leveling on uneven floors, seal height can be adjusted independently of fixing screws.
  - Tested for reliability, the seal has completed 1 million cycles without failure.

- **Location**
  - Single swing doors.

- **Use with**
  - Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  - 1mm/12mm.

- **Seal material**
  - Black Santoprene gasket.

- **Standard lengths**
  - 335mm, 435mm, 535mm, 635mm, 735mm, 835mm, 935mm, 1035mm and 1135mm.
  - *Note: Each length can be cut to the next size down.*
  - The 335mm can be cut back to 255mm.

- **Fixing**
  - Fixing screws are supplied, fixing holes are pre-drilled.

- **Adjustment**
  - Self-levelling on uneven surfaces.

- **Finishes**
  - Silver anodised aluminium.
IS8210 si  Automatic Threshold (Door Bottom) Seal
Medium Duty

A rebated automatic threshold (door bottom) seal which is spring-loaded to swing clear of the floor as soon as the door is opened by a few millimetres.

- **Key Benefits**
  - ‘Swing seal’ design with the seal mounted under the base of the door.
  - Requires no power connection.
  - Seal height can be adjusted independently of the fixing screws.
  - High performance silicone fin seal supplied as standard.

- **Location**
  - Single swing doors.

- **Use with**
  - Any perimeter seal (6000 or 7000 series).
  - Any threshold plate (4000 series).

- **Min/Max gap size**
  - 5mm/20mm.

- **Seal Material**
  - Grey silicone fin.

- **Standard lengths**
  - 635mm, 735mm, 835mm, 935mm, 1035mm, 1135mm.
  - *Note: Each length can be cut to the next size down. The 635mm can be cut back to 300mm.*

- **Fixing**
  - Fixing screws are supplied, fixing holes are pre-drilled.

- **Adjustment**
  - Self-levelling on uneven surfaces. Can be adjusted independently of the fixing screws.

- **Finishes**
  - Silver anodised aluminium, grey silicone fin.
IS9010 Rain Guard
Heavy Duty

An overhead drip guard designed to channel rain water away from exposed doors, particularly those which open outward.

- **Key Benefits**
  - Aesthetic anodised aluminium finish.
  - Easy to fit.
  - Concealed fixings.

- **Location**
  - Single and double leaf doors.
  - Sliding doors.
  - Roller shutter doors.
  - Up and over doors.

- **Seal material**
  - Extruded aluminium.

- **Standard lengths**
  - 1m and 2.1m.

- **Fixing**
  - Stainless steel screws are supplied. A PVC cover strip conceals the fixings. Allow an overlap of 50mm on each side of door opening.

- **Finishes**
  - Silver anodised aluminium.
**IS9050 and IS9070 Finger Guard Seals**

Medium Duty

Trapping fingers in hinged doors can cause horrendous injuries. The risk is especially high in locations where young children are present. The finger guard seals provide the shield. Provides protection on both sides of the door by using the IS9050 on the hinge knuckle side and the IS9070 on the hinge cavity side. IS9070 includes a unique, integral smoke and acoustic seal. It can be used in conjunction with the IS7025 si acoustic seal around the remainder of the door perimeter for a comprehensive sealing and finger protection system. Tested over 200,000 opening and closing cycles without any sign of degradation.

- **Location**
  Jambs of hinged doors. IS9070 can be used on doors with an opening of 180°.

- **Use with**
  IS7025 si acoustic perimeter seal and IS8010 si automatic threshold seal (fully mortised).

- **Seal material**
  Santoprene rubber.

- **Standard lengths**
  2.1m. Other lengths to special order. Single doorset packs are available containing 1 x 2.1m IS9050 and 1 x 2.1m IS9070.

- **Fixing**
  Wood screws are supplied (self-tapping screws for metal frames are available on request). Fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately. A PVC cover strip to conceal fixings is supplied.

- **Finishes**
  Silver or bronze anodised aluminium with black cover strip and black flexible insert. Cream, brown and grey flexible inserts with matching cover strips are available on request. Special colours can be supplied when ordering the snap-on PVC cover plate (products IS9051 and IS9071).

UK and overseas patents apply.
IS3050S si Threshold (Door Bottom) Seal

Heavy Duty

A low maintenance seal, extremely resistant to weathering or aggressive commercial environments. Impervious to most chemicals, solvents, cleaning fluids and disinfectants.

- **Location**
  - Single and double leaf doors.
  - Up and over garage doors.
  - Roller shutter doors.

- **Use with**
  - Any stainless steel threshold plate (4000 series).

- **Min/max gap size**
  - 5mm/10mm.

- **Seal material**
  - Silicone rubber blade.

- **Standard lengths**
  - 1m and 2.1m. Other lengths to special order.

- **Fixing**
  - Fixing screws are supplied, fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.

- **Finish**
  - Grade 304 stainless steel with grey silicone rubber.

Shown with threshold plate IS4050S.
IS4050S, IS4055S, IS4060S and IS4065S Stainless Steel Threshold Plates
Heavy Duty

Stainless steel threshold plates, when used in conjunction with threshold (door bottom) seals prevent rain, draught and smoke penetration. Impervious to most chemicals, solvents, cleaning fluids and disinfectants.

- **Location**
  - Single and double swing doors.

- **Use with**
  - Practically any threshold (door bottom) seal (3000 and 8000 series).

- **Material**
  - Grade 304 stainless steel.

- **Standard lengths**
  - 1m and 2.1m. Other lengths to special order.

- **Fixing**
  - Stainless steel fixing screws are supplied, fixing holes are pre-drilled.

- **Finish**
  - Grade 304 stainless steel.
**IS7030S si** Stainless Steel Perimeter Seal
Medium Duty

- **Location**
  Head and jambs of single swing doors.

- **Seal material**
  Foamed silicone rubber.

- **Standard lengths**
  1m and 2.1m. Other lengths to special order.

- **Fixing**
  Stainless steel fixing screws are supplied, fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.

- **Finish**
  Grade 304 stainless steel with grey silicone rubber insert.

**IS7040S si** Stainless Steel Perimeter Seal
Heavy Duty

- **Location**
  Head and jambs of single swing doors. Heavy duty hinged doors.

- **Seal material**
  Foamed silicone rubber.

- **Standard lengths**
  1m and 2.1m. Other lengths to special order.

- **Fixing**
  Stainless steel fixing screws are supplied, fixing holes are pre-drilled and slotted to allow the seals to be adjusted and positioned accurately.

- **Finish**
  Grade 304 stainless steel with grey silicone rubber insert.
**IS8060S** Stainless Steel Automatic Threshold (Door Bottom) Seal

**Medium Duty**

A stainless steel medium duty automatic threshold (door bottom) seal which is spring-loaded to lift clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. The internal mechanism is extremely light to operate with minimal opening and closing resistance.

- **Location**
  - Single swing doors.

- **Use with**
  - Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  - 3mm/13mm.

- **Seal material**
  - EPDM.

- **Lengths**
  - 725mm, 825mm, 925mm and 1025mm.
  - *Note: each length can be reduced for an exact fit by up to 110mm.*

- **Fixing**
  - Fixing screws are supplied, fixing holes are pre-drilled. Striker button, which locates in the door jamb, is supplied. End plates not supplied.

- **Adjustment**
  - Self-levelling on uneven surfaces. Adjustment can be carried out independently of the fixing screws.

- **Finish**
  - Grade 304 stainless steel with black EPDM insert.
**IS8070S si Stainless Steel Automatic Threshold (Door Bottom) Seal**

**Heavy Duty**

A stainless steel heavy duty automatic threshold (door bottom) seal which is spring-loaded to lift clear of the floor as soon as the door is opened by a few millimetres. It requires no power connection. Impervious to most chemicals, solvents, cleaning fluids and disinfectants.

- **Location**
  - Single swing doors.

- **Use with**
  - Any perimeter seal (6000 or 7000 series).

- **Min/max gap size**
  - 1mm/25mm.

- **Seal material**
  - Foamed silicone rubber.

- **Standard lengths**
  - 610mm, 710mm, 815mm, 915mm, 1015mm, 1120mm and 1220mm.
  
  *Note: 610mm and 710mm length can be cut back by 80mm. Other lengths can be cut back by 100mm."

- **Fixing**
  - Fixing screws are supplied, fixing holes are pre-drilled.
  
  Striker button, which locates in the door stop, is supplied. End plates are supplied.

- **Adjustment**
  - Self-levelling on uneven surfaces. Adjustment can be carried out independently of fixing screws.

- **Finish**
  - Grade 304 stainless steel with grey silicone rubber insert.
## GASKET, BRUSH AND SEAL COMPONENTS

### Gaskets

Available in lengths to match seal types

<table>
<thead>
<tr>
<th>Codes:</th>
<th>ISRG 3015 si</th>
<th>ISRG 3016 si</th>
<th>ISRG 3020 si</th>
<th>ISRG 3021 si</th>
<th>ISRG 3070 si</th>
<th>ISRG 3080 si</th>
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<tbody>
<tr>
<td>Use with:</td>
<td>IS3015 si</td>
<td>IS3016 si</td>
<td>IS3020 si</td>
<td>IS3021 si</td>
<td>IS3070 si</td>
<td>IS3080 si</td>
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<table>
<thead>
<tr>
<th>Codes:</th>
<th>ISRG 7025 si</th>
<th>IS1212K</th>
<th>ISRG 7070T4</th>
<th>ISRG 7070T6</th>
<th>ISRG 7080 si</th>
<th>ISRG 7085 si</th>
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<tbody>
<tr>
<td>Use with:</td>
<td>IS7010 si</td>
<td>IS7020 si</td>
<td>IS7025 si</td>
<td>IS7026 si</td>
<td>IS7080 si</td>
<td>IS7085 si</td>
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Available in black or grey

<table>
<thead>
<tr>
<th>Codes:</th>
<th>ISRG 7090 si</th>
<th>ISRG 7100 si</th>
<th>ISRG 7110 si</th>
<th>ISRG 7120 si</th>
<th>ISRG 7130 si</th>
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<tbody>
<tr>
<td>Use with:</td>
<td>IS7090 si</td>
<td>IS7100 si</td>
<td>IS7110 si</td>
<td>IS7120 si</td>
<td>IS7130 si</td>
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Available in black or grey

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<tr>
<th>Codes:</th>
<th>ISRG 7310 si</th>
<th>ISRG 7320 si</th>
<th>ISRG 8010 si</th>
<th>ISRG 8060 si</th>
<th>ISRG 8080 si</th>
<th>ISRG 8110 si</th>
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<tr>
<td>Use with:</td>
<td>IS7310 si</td>
<td>IS7320 si</td>
<td>IS8010 si</td>
<td>IS8060 si</td>
<td>IS8080 si</td>
<td>IS8110 si</td>
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Available in black or grey

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<tr>
<th>Codes:</th>
<th>ISRG 9050</th>
<th>ISRG 9070</th>
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<tbody>
<tr>
<td>Use with:</td>
<td>IS9050</td>
<td>IS9070</td>
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</table>

Available in black, cream, brown and grey

All cross sections are 3/4 size.
### Gaskets (Vinyl Feet)

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<thead>
<tr>
<th>Codes</th>
<th>ISRG 4010</th>
<th>ISRG 4030</th>
<th>ISRG 4070 A</th>
<th>ISRG 4070 B</th>
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<td>IS4070</td>
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<td>IS4220 A</td>
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### Brushes

Available in lengths 1m & 2.1m

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<tr>
<th>Codes</th>
<th>ISRB MD15</th>
<th>ISRB MD21</th>
<th>ISRB MD27</th>
<th>ISRB MD37</th>
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<td>IS5075A</td>
<td>IS5080A</td>
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Available in lengths 1m & 2.1m

### Available in lengths to match seal types.

<table>
<thead>
<tr>
<th>Codes</th>
<th>ISRB HD42</th>
<th>ISRB HD62</th>
<th>ISRB HD82</th>
<th>ISRB HD122</th>
<th>ISRB HD152</th>
<th>ISRB 7070SS</th>
<th>ISRB 7070FS</th>
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<tbody>
<tr>
<td>Use with:</td>
<td>IS5035</td>
<td>IS5040</td>
<td>IS5045</td>
<td>IS5050</td>
<td>IS5055</td>
<td>IS7070SS</td>
<td>IS7070FS</td>
</tr>
</tbody>
</table>

All cross sections are 3/4 size.
Seal Components (Cover Strips)
Available in lengths to match seal types

Codes:
- ISRC
  - Available in black, cream, brown and grey.
  - Use with: IS3070 si, IS3080 si, IS3100 si, IS6015, IS6030, IS7025 si, IS7080 si, IS7085 si, IS7110 si, IS7120 si, IS8080 si, IS9010, IS9050, IS9070
- ISRC WMR
- ISRC 7010
- ISRC 7020
- ISRC 7070
- ISRC 7090
- ISRC 8020
- ISRC 8091

Seal Components (End Plates)

Codes:
- ISEP 8005R
  - Use with: IS8005 si
- ISEP 8010R
  - Use with: IS8010 si
- ISEP 8010
  - Use with: IS8010 si
- ISEP 8020
  - Use with: IS8020 si
- ISEP 8035
  - Use with: IS8035 si
- ISEP 8036
  - Use with: IS8036 si

Codes:
- ISEP 8070S
  - Use with: IS8070 si
- ISEP 8090
  - Use with: IS8090 si
- ISEP 8091
  - Use with: IS8091 si
- ISEP 8100
  - Use with: IS8100 si