

IS1212 Curved Batwing® Seal

Medium Duty



The NEW curved Batwing® seal minimizes the opening and closing resistance of the door leaf without losing any of the benefit of smoke and acoustic protection.

Key Benefits

- New shape minimizes open/closing resistance.
- Flexible fin material springs back to original shape to provide 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 properties.
- Tested in accordance with BS EN ISO 140-3: 1995.
- Effective smoke seal up to 200°C.
- Aggressive self-adhesive backing tested on many surfaces, including MDF.
- Variety of colours to blend with door designs.
- Fully tested for performance and durability under the third party certification schemes CERTIFIRE 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 automatic seal is recommended for optimum acoustic properties.

Min/max gap size

3mm/4mm.

Seal material

Co-extruded rigid back with flexible fins.

Standard lengths

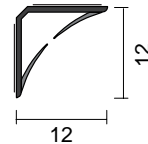
1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order.

Fixing

Self-adhesive backing.

Colours

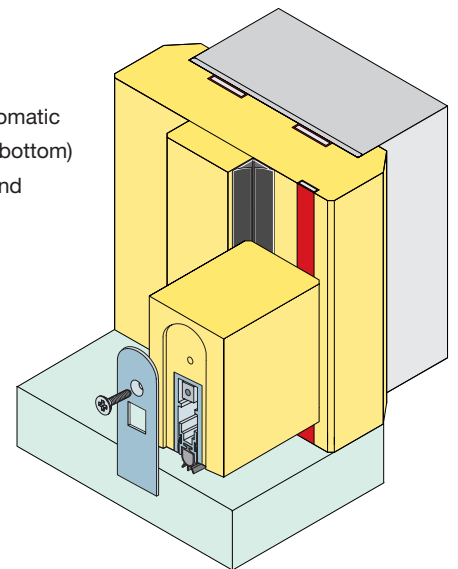
Black, white, brown or silver grey. Other colours to order.



IS1212
Curved Batwing®

Batwing products also available in 10x10mm and 15x15mm sizes; 12x12mm kerf fitting product; and Single Batwing versions.

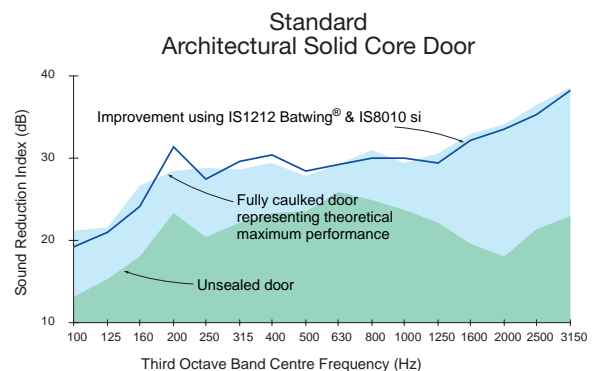
Shown with automatic threshold (door bottom) seal IS8010 si and LP1004 fireseal.



Acoustic performance

Weighted Sound Reduction (Rw): 31dB

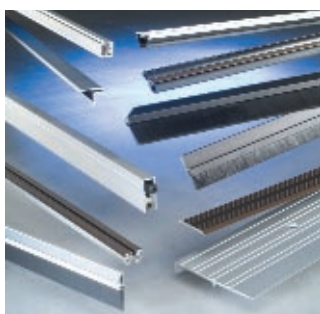
Sound Transmission Class (STC): 31dB



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.

Another innovation of the Integrity™ range is the unique Non-Slip Safety Surface which can be specified on threshold plates and ramps.

■ 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.

■ Perimeter Seals

These products seal the gap between the door and frame or on meeting stiles of double doors.

■ Automatic Threshold (Door Bottom) Seals

A spring-loaded mechanism ensures easy door operation and effective sealing, when closed.

■ Finishes

The range offers today's specifier the widest choice of finishes available, including stainless steel, silver anodized aluminium, bronze anodized aluminium and solid brass - 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 anodizing 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

■ Acoustic Results

The acoustic results are given as an Rw/dB 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.

■ Product Illustrations

All dimensions given are in millimetres.

■ Technical References**BS EN ISO 9000:2000**

Certificate No. Q6104

Lorient is quality assured under the disciplines of BS EN ISO 9000:2000.



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 web site 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 an innovative approach, 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 an associate member of the Architectural and Specialist Door Manufacturers Association (ASDMA), and the British Woodworking Federation (BWF), 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.
Fairfax Road,
Heathfield Industrial Estate,
Newton Abbot,
Devon, TQ12 6UD,
United Kingdom.

Telephone: +44 (0) 1626 834252

Fax: +44 (0) 1626 833166