

Seals: Intumescent, Acoustic & Weather

Intumescent Materials

Exfoliating Graphite based Intumescent fire door seals
 Self adhesive strip material for fixing in fire doors or frames 2.1m lengths
 Included in successful fire tests to BS476 pt 22.7 Part23.6
 Smoke seals tested to BS476part 31.1
 Certifire approved: CF 846
 Suitable for latched & un-latched doors

Fire only



Size	white	Brown	
2.1mx15x4mm	SSIN 23.010.11	SSIN 23.010.16	FD30
2.1mx20x4mm	SSIN 23.010.21	SSIN 23.010.26	FD60



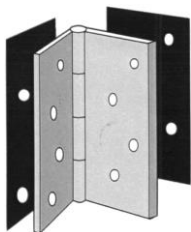
Fire and Smoke



Size	White	Brown	
2.1mx15x4mm	SSIN 23.023147.11	SSIN 23.023147.11	FD30
2.1mx20x4mm	SSIN 23.023147.21	SSIN 23.023147.26	FD60



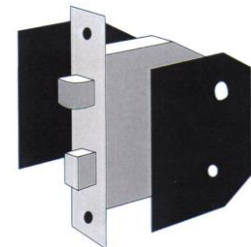
Fire tested intumescent sheet materials



SSIN131220.3

Intumescent Hinge protection

Pack of 6 hinge plates



SSIN131620.1

Intumescent lock protection

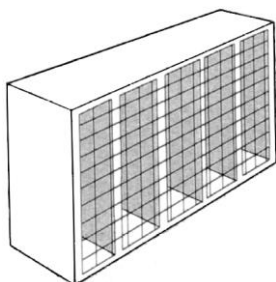
Pack of 2 lock plates for UK size locks
 Size 108x75mm

Intumescent Sheet: 300x300mm

SSIN132317.300

Intumescent Air Transfer Grill BS476

60 minute fire rating



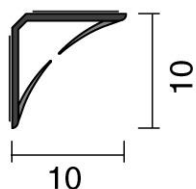
SSIN52411.075	225x 75mm
SSIN52411.150	140x210mm
SSIN52411.225	210x210mm
SSIN52411.305	275x275mm

Louvre Vents: See page 5-7

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Batwing seals



The batwing seal designed to fit into the corner between the door frame and door stop provides an effective smoke & acoustic seal. When correctly installed the elastomeric seal can provide a weighted sound reduction of 31dB (Rw) This design of seal is available in three sizes.

Size	Catalogue number	Description
2.1mx10x10mm	SSIN132310.10	Batwing seal
2.1mx12x12mm	SSIN132312.12	Batwing seal
2.1mx15x15mm	SSIN132315.15	Batwing seal

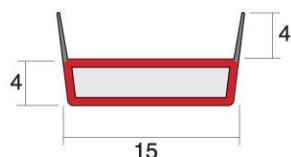
Plain intumescent strip

Sodium silicate based intumescent strip is available in various sizes

Size	Catalogue number	Description
2.1mx10x4mm	SSIN16208231.041	Intumescent strip white
2.1mx10x4mm	SSIN16208231.046	Intumescent strip brown
2.1mx15x4mm	SSIN16208231.541	Intumescent strip white
2.1mx15x4mm	SSIN16208231.546	Intumescent strip brown
2.1mx20x4mm	SSIN16208232.044	Intumescent strip white
2.1mx20x4mm	SSIN16208232.046	Intumescent strip brown

Other colours, wood grain & metallic finishes available

Double seal intumescent strip



This intumescent and double elastomeric acoustic and smoke seal when fitted into the door frame is designed to allow the seal to be fitted around the edge of hinges ensuring that at least one sealing fin remains unbroken so maintaining the seal. When correctly installed the elastomeric seal can provide a weighted sound reduction of 31dB (Rw)

Size	Catalogue number	Description
2.1mx10x4mm	SSIN162010.041	Intumescent strip white
2.1mx10x4mm	SSIN162010.046	Intumescent strip brown
2.1mx15x4mm	SSIN162015.041	Intumescent strip white
2.1mx15x4mm	SSIN162015.046	Intumescent strip brown
2.1mx20x4mm	SSIN162020.041	Intumescent strip white
2.1mx20x4mm	SSIN162020.046	Intumescent strip brown

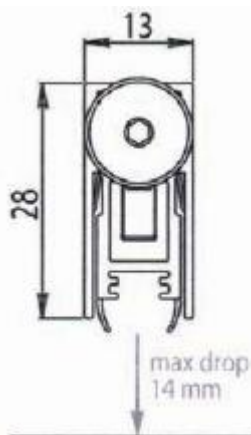
Intumescent letter plates: See page 1-13

Seals: Intumescent, Acoustic & Weather

Drop seals

We are able to offer a range of drop seals for concealed or surface mounting. The seals offer the dual purpose of significantly reducing sound transmission & stopping cold smoke transmission underneath a door set. When drop seals are used with appropriate intumescent and/or acoustic door edge seals, they contribute to the door set meeting Document E sound transmission requirements and fire safety.

Morticed drop seal to suit 44 or 54mm thick doors



Slim line automatic threshold seal with high efficiency mechanism lifts the seal clear of the floor as soon as the door is opened by a few millimetres.

Suitable for use on single swing doors.

Requires no power connection.

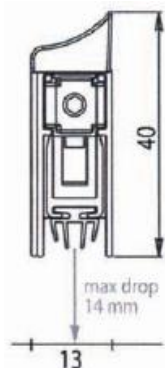
The grey silicone rubber seal is self levelling on uneven surfaces and has a seal height adjustment facility which is independent of fixing screws & has a minimum/maximum gap size range of 1 mm – 14mm

The seal has a weighted sound reduction index of (RW):37dB when used as part of a fully sealed door set.

Can be used with SSIN1620823 range intumescent seals or SSIN16201 range batwing seal to achieve sound reduction Available in a range of lengths.

	Acoustic drop seal
SSIN13238005.835	Drop seal 830mm
SSIN13238005.935	Drop seal 930mm

Morticed drop seals are also available with a 51 dB rating



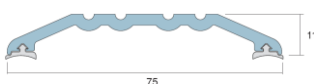
Surface Mounted Drop Seal

This seal is for face fixing offering similar properties to the 37dB rated mortice drop seal

	Acoustic drop seal
SSIN13238006.830	Drop seal 830mm
SSIN13238006.930	Drop seal 930mm

Threshold plates

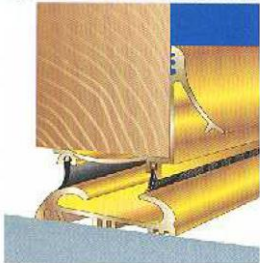
A wide range of threshold plates are available for use with drop seals
Please contact us for details.



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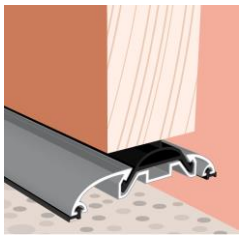
Weather seals

Easy Access Weather seal



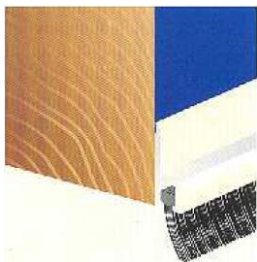
Mobility threshold providing protection from rain and wind
Aluminium threshold component 13.5mm high
Aluminium rain deflector with both internal seal and exterior draught strip
Provides easy access
Available in 838mm, 914mm, 1219mm, 1524mm, and 1828mm lengths

Compression Draft Excluder



Mobility threshold complying with Building Regulation Part M
Low profile for easy access
Aluminium with rubber seal
Provides easy access for light traffic
13mm high aluminium threshold (excluding seal)
Available in 838mm, 914mm, 1000mm, 1219mm 1800mm lengths.

Brush draught excluder



Brush draught excluders are available in various standard lengths from 914mm to 3000mm in aluminium carriers with polypropylene bushes ranging from 12mm to 50mm.
Industrial brush draught excluders are available. Please advise your requirements