

PRODUCT CODE
IS8090si

DESCRIPTION

A heavy duty automatic door bottom seal.

APPLICATION

An automatic door bottom seal that can be semi-mortised or face-fixed to the bottom edge of single action doors. It operates automatically by a spring-loaded mechanism which lifts the seal clear off the floor as soon as the door is opened.

KEY FEATURES

- High performance mechanism resulting in lower door operating forces to comply with AS1428/1 (Design for access and mobility).
- Multi-chambered silicone gasket is supplied standard providing the highest acoustic, fire and smoke performance.
- Durable elastomer fins are incorporated within the gasket housing to provide additional smoke and acoustic sealing properties.
- Aesthetic slim-line, moulded plastic “clip-on” end plates ensure longevity of the seal mechanism, avoiding dust build-up and foreign matters entering the mechanism housing.
- Tested for reliability, completing over 1,000,000 open and close cycles.
- Requires no power connection.
- Self-levelling seal on uneven surfaces.
- Seal height can be adjusted independently of the fixing screws.
- Can be fitted to aluminium doors by door fabricators.
- Seal is adjustable for left and right handed operation.
- May be face-fixed or semi-mortised.

USE WITH

Used in conjunction with any Lorient Integrity™ 7000 series perimeter seal and 4000 series threshold plate to provide a total door sealing solution.

MATERIALS

An extruded and anodised aluminium profile combined with a high performance silicone flexible gasket.

GAP SIZE

Minimum 0mm - Maximum 15mm

SIZES

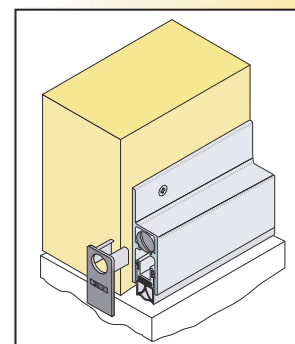
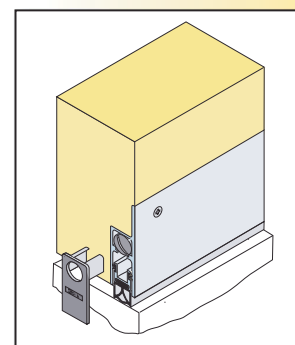
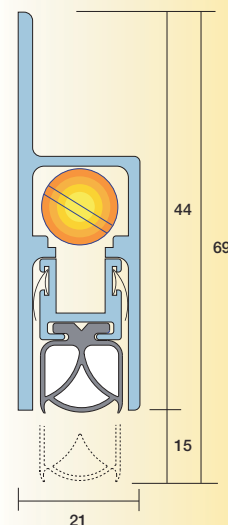
Standard Lengths 450mm, 610mm, 820mm, 920mm, 1070mm, 1220mm, 1500mm
Seals can be cut on-site for exact dimensions.

FINISH

- Silver or bronze anodised aluminium with silver or black moulded plastic “push-fit” end plates. High performance grey silicone gasket supplied standard.
Other finishes available to special order.

APPROVAL/S

- AS1530/4 fire tests with proprietary fire door assemblies.
- AS1530/7 air (smoke) leakage rates available at ambient and medium temperature at various pressures.
- Can be considered deemed to satisfy to BCA Specification C3.4 for use with smoke doors (when fitted to compliant door leaf).
- Acoustic ratings to AS1191 and AS1276 in conjunction with other Lorient Integrity™ seals.
- Independent tests have been conducted, demonstrating over 1,000,000 open and close cycles without significant wear.


FIXING

This seal is either semi-mortised into the side of the door leaf or face-fixed to the door leaf. Detailed fixing instructions are supplied with each unit.

SPECIFICATIONS

Lorient Integrity™ IS8090si fitted to the bottom of the door leaf.

Lorient reserves the right to alter published data or make products obsolete without prior notice.

Please contact our office if you require any further information

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