

**PRODUCT CODE**  
**IS8005si**

**DESCRIPTION**

Medium duty, compact automatic door bottom seal.

**APPLICATION**

A concealed automatic door bottom seal which is mortised into 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.

**KEY FEATURES**

- Compact design, mounted through flanges on underside of door.
- Durable elastomer fins are incorporated within the gasket housing to provide additional smoke and acoustic sealing properties.
- Aesthetic, injection moulded plastic, “push-fit” end plates ensure longevity of the seal mechanism, avoiding dust build-up and foreign matters entering the mechanism housing.
- High performance mechanism resulting in lower door operating forces to comply with AS1428/1 (Design for access and mobility).
- 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.

**USE WITH**

Used in conjunction with the Lorient HP2512BW perimeter seal and 4000 series threshold plate to provide a total life safety door sealing solution.

**MATERIALS**

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

**GAP SIZE**

Minimum 3mm — Maximum 10mm

**SIZES**

**Standard Lengths**      380mm, 600mm, 820mm, 920mm,  
    1070mm, 1220mm  
 Seals can be cut on-site for exact dimensions.

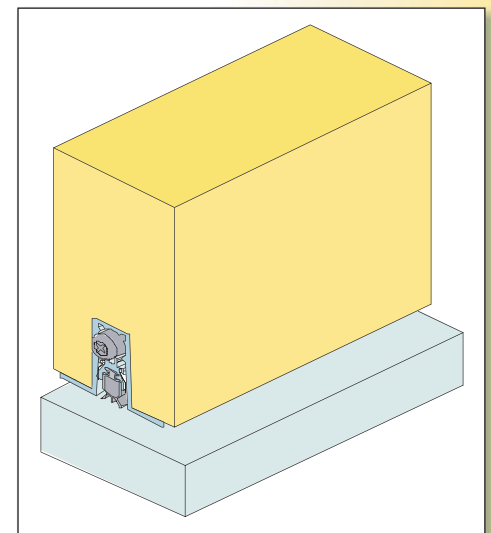
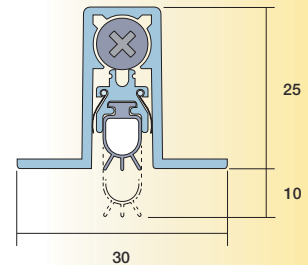
**FINISH**

- Silver anodised aluminium with injection moulded, plastic “push-fit” end plates and high performance grey silicone gasket.

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.
- Tests have been conducted, demonstrating over 1,000,000 open and close cycles without significant wear.


**FIXING**

This seal is fully-mortised into the bottom of the door leaf. Detailed fixing instructions are supplied with each unit.

**SPECIFICATIONS**

Lorient Integrity™ IS8005si fitted to the bottom of the door leaf.