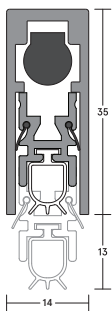


## DROP SEALS

# LAS8001 si

## HEAVY DUTY

This fully mortised aluminium automatic drop seal features a silicone rubber gasket and internal fins. It is used to close the gap under single swing doors to maintain their acoustic, smoke and energy efficiency performance. The seal incorporates a high efficiency spring loaded mechanism that extends the seal as the door swings shut and automatically retracts it as the door is opened by just a few centimetres.



LAS8001 si



DROP SEALS

LAS8001 si

## SYSTEM SPECIFICATIONS

### Key benefits

- ▶ Effective acoustic sealing solution that is fully concealed in the bottom of the door.
- ▶ Dual internal sealing fins enhance acoustic and smoke containment performance.
- ▶ Supplied with high performance fire rated silicone rubber gasket.
- ▶ Fully automatic, no power connection required.
- ▶ Simple adjustment to suit varying door gap requirements.
- ▶ Proven long term reliability.

### Gap sizes

- ▶ Accommodates & seals gaps up to 13mm.
- ▶ Greater gaps can be sealed if product is used with a threshold plate, please speak to our technical team for more info.

### Approvals

- ▶ **Fire:** Tested in accordance with AS1530.4 on proprietary AS1905.1 fire door assemblies for up to 4 hour rating.
- ▶ **Smoke:** Tested in accordance with AS1530.7 with medium temperature smoke approvals for use on AS6905 compliant smoke door assemblies. Conforms with BCA Specification C3.4 smoke sealing requirements.
- ▶ **Sound:** Acoustically tested in accordance with ISO10140-2 and AS/NZS717.1 with ratings up to 42Rw on appropriate rated assemblies.
- ▶ **Bushfire:** Approved for use on proprietary fire door assemblies for Bushfire attack levels of Flame Zone (FZ) classification or less.
- ▶ Durability: Long term mechanical test, completing 100,000 cycles without failure.

### Fixing method

- ▶ Fits into a 15mm (W) x 35mm (D) groove fixed in place with screw fixed end plates.

### Standard lengths

- ▶ 435mm (may be cut back to 335mm)
- ▶ 535mm (may be cut back to 435mm)
- ▶ 635mm (may be cut back to 535mm)
- ▶ 735mm (may be cut back to 635mm)
- ▶ 820mm (may be cut back to 735mm)
- ▶ 920mm (may be cut back to 820mm)
- ▶ 1070mm (may be cut back to 920mm)
- ▶ 1220mm (may be cut back to 1070mm)
- ▶ 1400mm\* (may be cut back to 1220mm)
- ▶ 1600mm\* (may be cut back to 1400mm)

\*Non-standard sizes do not hold test evidence for the approval for use. Speak to our Technical Team for advice.

### Finishes

- ▶ Silver anodised aluminium with stainless steel end plates and grey silicone rubber gasket.

**Also available as a hot smoke seal** (LAS8001 si HSS) please refer to