

**PRODUCT CODE**
**LP1004, LP1504, LP2004, LP2504**
**DESCRIPTION**

LP Series intumescent fire seals

**APPLICATION**

Incorporated into the perimeter of fire door assemblies. When exposed to fire conditions, these strip seals expand to many times their original volume, sealing off the door perimeter to prevent the passage of hot smoke & other toxic gases.

**KEY FEATURES**

- Proven product with over 30 years in service history.
- Rebated into the door or frame for longevity in service.
- Decorative and protective PVC outer casing.
- Available in many sizes and finishes.
- Ideal for fire engineered solutions where extra protection is necessary for life safety.

**USE WITH**

Used in conjunction with a Lorient medium temperature smoke seal such as Batwing® LE1212/LE1515 or Firtree LEO511 to maintain tenable conditions across all temperatures of smoke (ambient, medium and hot) in a typical fully developed fire scenario.

**MATERIALS**

Lorient high performance sodium silicate based intumescent core encapsulated in a rigid flame retardant PVC outer casing, complete with aggressive self-adhesive tape backing.

**GAP SIZE**

Minimum 1mm — Maximum 3mm

**The product sits flush with the edge of the door leaf or door frame edge.**
**SIZES**
**Standard lengths:** 1000mm, 2100mm, 2400mm, 2700mm, 3000mm

**FINISH**
**Standard colours:** Black, white, dark brown, grey

**FIXING**

The product fits into a groove made in the door frame or the edge of the door leaf and is secured using the self-adhesive tape backing.

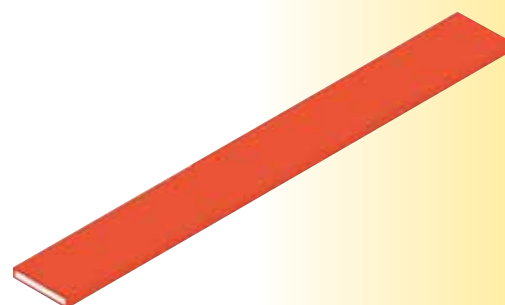
**APPROVAL/S**





- AS1530/4 fire tests with proprietary fire door assemblies for up to 2 hours fire rating.

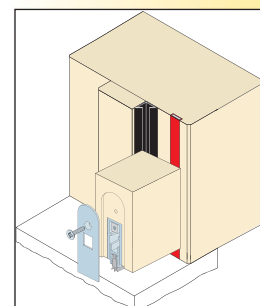
**SPECIFICATIONS**

Lorient LPXXYY intumescent seal fitted into groove in edge of the door leaf (or door frame).

Insert xx = width, yy = depth of seal required.



LP SERIES	CODE	WIDTH x DEPTH
	LP1004	10mm x 4mm
	LP1504	15mm x 4mm
	LP2004	20mm x 4mm
	LP2504	25mm x 4mm



**Right:** A typical installation for life safety incorporating an LP1004 combined with a Batwing® smoke seal (LE1212) on a timber frame and IS8010si automatic door bottom seal.

**Below:** Section showing an LP1004 in the edge of the door leaf and a Batwing® smoke seal (LE1212) on a steel frame.

