

FLUSH BOLT PROTECTION KITS

Lorient provides intumescent kits which enable flush bolts to be fitted in fire resistant door leaves.

These kits provide fire resistance of 30 minutes or 60 minutes when tested with full size door assemblies and tested in accordance with BS 476-22:1987 and BS EN 1634-1:2014+A1:2018.

FIRE RESISTANT DOOR HARDWARE



30

60



Flush bolt protection kit ▶
shown with LAS9010, which
interacts with the LAS8001 si

SYSTEM SPECIFICATIONS

Test evidence

- ▶ Fire: BS 476-22:1987.
- ▶ Fire: BS EN 1634-1:2014+A1:2018.

Performance

- ▶ Can provide up to 30 or 60 minutes fire resistance.

Location

- ▶ Back of the groove for the flush bolt.
- ▶ Under the keep.

Use with

- ▶ These kits can be used with the LAS9010 flush bolt + LAS8001 si drop seal.
- ▶ Bespoke intumescent kits can be made for a number of flush bolts, please contact us for more information.

Seal material

- ▶ Mono Ammonium Phosphate (MAP) 1mm / 2mm.
- ▶ With self-adhesive backing.

Fixing

- ▶ Affix self-adhesive intumescent cladding kit to the back of the groove or to the body of the flush bolt (kit dependant).
- ▶ Affix self-adhesive intumescent kit under the keep.

Size

- ▶ Lorient can supply bespoke intumescent protection kits for commonly specified flush bolts.

Preparation

- ▶ Prepare the substrate for receiving intumescent hardware protection by ensuring it is clean from dust and oils. We recommend the use of non-solvent based wipes, wipe with a non-lint cloth to ensure surface is completely dry before application.
- ▶ Remove self-adhesive backing and dispose of in line with local regulations.
- ▶ Apply intumescent hardware protection, ensuring any cut outs and relief section are in alignment with hardware detail. Press firmly.