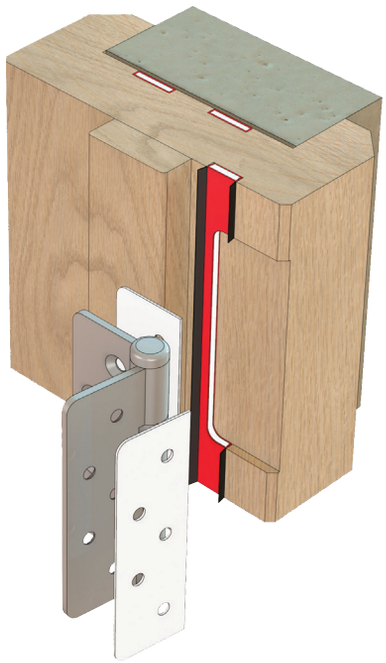
HINGE PROTECTION KITS

Lorient provides bespoke intumescent hinge kits, which provide fire resistance of 30, 60, 90 or 120 minutes when tested with full size door assemblies in accordance with BS 476-22:1987 and BS EN 1634-1:2014+A1:2018.

30 60 90 120



Hinge protection kit

SYSTEM SPECIFICATIONS

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

Performance
- Can provide up to 30, 60, 90 or 120 minutes fire resistance.

Size
- Lorient can supply bespoke intumescent protection kits for commonly specified hinges.

Location
- Underneath each hinge leaf.

Seal material
- Mono Ammonium Phosphate (MAP) 1mm / 2mm.
- With or without self-adhesive backing.

Use with
- Recommended for use with CE Marked hinges tested in accordance with BS EN 1935.

Finishes
- Square or radius profile, with or without self-adhesive backing.

Fixing
- Place the intumescent pad underneath the hinge leaf.

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.

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