

Intumescent Plugs

Recommended positions in hinges, striker plates and pivot mechanism top straps

Sealmaster Intumescent Plugs consist of an aluminium tube filled with specially formulated intumescent material. They are used to give fire protection at ironmongery points where Sealmaster Intumescent Seals are interrupted. **Fig. 1.**

FIXING

Plain holes, 7mm diameter, are drilled through the plates in addition to the existing screw holes. After fitting, drill 6mm diameter holes, 40mm into the timber, through the plain holes. Insert the plugs into these holes, flush with the plate.

HINGES

Positions of countersunk screw holes in standard 100mm butt hinges vary according to manufacture. Suggested layout patterns of plugs for three of the most common hinges are shown in **Fig. 2.**

If fitting longer hinges, extra plugs are required at the rate of two per 50mm additional length of hinge.

LOCK/LATCH STRIKER PLATE

Sealmaster Intumescent Plugs are inserted into the timber through the latch striker plate. **Fig. 3.** Gaps around mortised areas should be filled with Sealmaster fire-spread resistant Intumescent Compound or Plaster.

PIVOT MECHANISM

Fire resistant sealing around pivot doors is completed by incorporating Sealmaster Intumescent Plugs in the top strap assembly. The positioning of the plugs is governed by the shape of the strap and layout of the screw fixing holes. **Fig. 4.**

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