
Title

Field of Application for:
The Halspan® Prima 60 Range of
Doorsets.
Part 2: Steel Based Door Frames

For 60 minutes Fire Resistance

Report No.:

FEA/F96103 Part 2 Revision P

Issue Date:

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Valid Until:

23rd May 2029

Job Reference:

WF530851

Prepared for:

Halspan Limited

Regent House,
Regent Centre,
West Lothian,
EH49 7HU
United Kingdom

Written permission must be obtained from Halspan Limited in order to manufacture doorsets within the scope of this assessment.

This field of application report FEA/F96103 Part 2 Revision P is one part of the suite of (Prima 60) assessments, other parts of the suite address other doorset designs.

10.2 Intumescent to Hardware

The intumescent materials used to protect hardware that have been tested and assessed for this doorset design are detailed below. Note that any one of the product/manufacture options listed in the table may be used in the specific application noted. However, only 1No manufacturer should be considered per doorset application. For specific items of hardware, the intumescent requirements are detailed within the relevant subsection.

The door gap perimeter intumescent seal specifications are documented in conjunction with the leaf envelope size limitations in section 4.

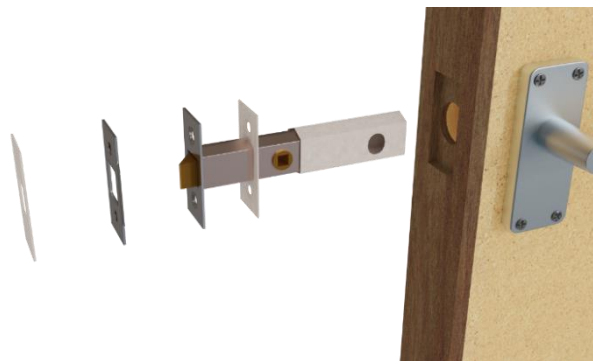
Hardware Intumescent Specification		
Item	Location	Product/Manufacturer (mm)
Butt Hinges	Fitted under each hinge blade to the leaf only.	1 (t) Halspan Limited SLS-PAD-103 graphite (WF412658) 1 (t) Interdens® (WF198681) 2 (t) Interdens® (WF508668) 1 (t) Lorient Polyproducts Ltd, MAP (RF07141) 1 (t) Sealed Tight Solutions Ltd, Graphite, (ST100 x 25) (PF15163)
Single Point Lock/latches	Under forend and encasing lock or latch body for all doorsets	1 (t) Halspan Limited SLS-PAD-109 (TA099-A) 1 (t) Interdens® (WF379041) 1 (t) Lorient Polyproducts Ltd, MAP (FRR-2008/5506) 2 (t) Lorient Polyproducts Ltd, MAP (FRR-2110/1497 A/B) 1 (t) Sealed Tight Solutions Ltd, Graphite (PF15163)
Flush bolts	Encasing the entire body of the flush bolt including the back surface of the face plate	2 (t) Halspan Limited SLS-PAD-112 (WF526042) 2 (t) FlexiFire Z1F0160G graphite (CFR1909241 B) 2 (t) Therm-A-Strip - Intumescent seals Ltd (RF13167) 2 (t) Interdens® (F14095) 2 (t) Lorient MAP (FRR-2110/1498) 1 (t) Lorient MAP (FRR-2102/4628A) 1 (t) Interdens® (F16037) 1 (t) Sealed Tight Solutions Ltd, Graphite (PF15035)

Item	Location	Product/Manufacturer (mm)
Rebated threshold drop seals (when required – see section 10.16.2)	Encasing the concealed faces of the drop seal	1(t) Eurolever MAP XX8002DDS (FRR-2010/2942) 2(t) Lorient MAP (FRR-2110/1497) 1(t) Lorient MAP (WB112-1B & 2B)

Note: Halspan intumescent protection is supplied with Halspan hardware, e.g. Halspan sashlock LCK-BSS-104 comes with SLS-PAD-109. The combined product is then referenced BOM-LCK-111.



Example of hinge protection detail



Example of lock & latch protection detail



Flush bolt installation and intumescent protection

Gaskets must be fitted where required by supporting evidence, for example, test evidence or Certifire certificates. If gaskets are not required by the supporting evidence but are within this Field of Application, the requirements of this Field of Application take precedence.

Where it is stated that intumescent is not required for a particular element of hardware, it is permitted to use up to 2mm thick MAP, Interdens or graphite-based gasket tested for the particular application as appropriate for the hardware. It is the opinion of Warringtonfire that the additional protection will not detract from the fire resistance performance under test conditions.