
Title

Field of Application Report for:
Flamebreak Doorsets
for:
30 Minutes Fire Resistance

Issue Date

2nd August 2021

Valid Until

22nd December 2025

WF Report No

FEA98164 Revision O

WF Contract Number

WF502946

Prepared for:

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The version/revision stated on the front of this Field of Application supersedes all previous versions/revisions and must be used to manufacture doorsets from the stated validity date on this front cover. Previous revisions of the Field of Application cannot be used once an updated Field of Application has been issued under a new revision.

13 Intumescent Materials

The intumescent materials tested and assessed for these doorset designs are as follows.

Application	Location	Product/Manufacturer
Edge seals	Fitted in the frame jambs or leaf edges	<ol style="list-style-type: none"> 1. PVC encapsulated Palusol 100 – Mann McGowan Ltd. 2. Pyroplex – Pyroplex Ltd. 3. Type 617 – Lorient Polyproducts Ltd. 4. ST104FO & ST154FO- Sealed Tight Solutions Ltd
Hinges	Under both blades (for leaves over 2400mm high)	<ol style="list-style-type: none"> 1. 1mm Interdens – Dufaylite Developments Ltd. 2. 1mm MAP paper – Lorient Polyproducts Ltd. 3. 1mm Pyrostrip 300 – Mann McGowan Ltd. 4. 1mm Therm-A-Strip – Intumescent Seals Ltd. 5. 1mm G30 – Sealmaster Ltd. 6. 1mm NOR910 – Norsound Ltd. 7. 1mm Graphite gasket - Sealed Tight Solutions Ltd
Lock / latches	Under forend & keep for double doorsets or if the forend or keep > 150mm (h) up to the maximum assessed	
Top pivots	Lining all sides of the mortices	<ol style="list-style-type: none"> 1. 2mm MAP paper – Lorient Polyproducts Ltd. 2. 2mm Interdens – Dufaylite Developments Ltd. 3. 2mm G30 – Sealmaster Ltd. 4. 2mm Therm-A-Strip – Intumescent Seals Ltd. 5. 2mm Therm-A-Flex – Intumescent Seals Ltd. 6. 2mm NOR920 – Norsound Ltd. 7. 1mm Graphite gasket - Sealed Tight Solutions Ltd
Flush bolts	Lining all sides of the mortices	
Cableways	Lining the base of the groove (see section 16.17)	<ol style="list-style-type: none"> 1. 2mm MAP paper – Lorient Polyproducts Ltd. 2. 2mm Interdens – Dufaylite Developments Ltd. 3. 2mm G30 – Sealmaster Ltd. 4. 2mm Therm-A-Strip – Intumescent Seals Ltd. 5. 2mm Therm-A-Flex – Intumescent Seals Ltd. 6. 2mm NOR920 – Norsound Ltd. 7. 2mm CablePro - Sealed Tight Solutions Ltd

The seal specification for each doorset configuration is contained in section 6.2.

14 Adhesives

The adhesives used in construction are as follows.

Element	Product
Core	PVA
Lipping	Urea formaldehyde, resorcinol formaldehyde, PU
Facings	Melamine or PVA