

Fire Door Applications:

Safety provisions in the event of fire are generally described by reference to National Regulations. In addition, requirements may be influenced by:

- Local Bye Laws.
- Client specifications.

NOTE: Client specifications may take into account the particular purpose of the building e.g. HTM58 for Hospitals or Building Bulletin 100 for Schools in the United Kingdom.

The applicable Regulation for England & Wales is: Building Regulations (*England & Wales*) - Approved Document 'B' - 2006 Edition incorporating 2010 & 2013 amendments.

NOTE: Similar regulations apply in Scotland, Northern Ireland and the Republic of Ireland.

Approved Document 'B' is in two parts:

- Approved Document 'B1' applies to Dwellings.**
- Approved Document 'B2' applies to Public Buildings.**

For dwellings, the door assembly designs are generally determined by the door / door set manufacturer and are normally available in 'standard' sizes (*See BS4787 Pt.1*) from Builders Merchant sources. The doors / door sets are generally manufactured for 'stock' with no particular final location in mind.

For public buildings, the design of the door assemblies may be determined by an Architect or Designer with each door assembly designed to suit a particular opening in a particular building. This may result in a wide variety of dimensional and feature requirements often with performance attributes in addition to the fire performance.

A standard (prescribed) product can be tested to the required performance standard and supplied on the basis of the base test evidence. For non standard or bespoke products it would be an impossible task to test every possible variant in size, configuration, glazing requirements and hardware variations. The method adopted in the United Kingdom is for bespoke door / door assembly suppliers to test constructions to provide for applications 'envelopes'.

NOTE: Similar methods apply in the United States of America, Commonwealth and ex Commonwealth countries and many other Middle Eastern and Far Eastern states.

An 'applications envelope' is determined by way of 'expert opinion' based upon test evidence. The base test evidence sources include testing carried out by the door core manufacturer and other door component suppliers / manufacturers. e.g. intumescent seal, glass, hardware suppliers / manufacturers. etc.

The 'owners' of the base test data make their test evidence available to a 3rd. party fire consultancy (*expert organisation*). The independent 3rd. party fire consultancies create what is generally described as a 'Global Assessment' which sets out the parameters for fire door applications related to a particular construction.

As with any expert opinion, opinions may differ according to the experiences of the particular 3rd. fire consultancy provider. This manual sets out the parameters for the application of FLAMEBREAK™ based fire performance door assemblies under the 'Q-Mark' scheme that is owned and operated by Exova BM TRADA. To maintain the 'Q-Mark' certification the door assembly manufacturer using FLAMEBREAK™ must also be a member of the 'Q-Mark' certification scheme.

NOTE: Exova BM TRADA is the Exova Group's dedicated certification division incorporating former leading global certification body BM TRADA Certification Ltd.

For various reasons, users of FLAMEBREAK™ may wish to be members of alternative 3rd. party certification schemes. A list of leading providers of 3rd party certification is shown in *Section 16 Appendix 4* of this manual together with brief details of facilities offered and contact details. Pacific Rim Wood Ltd. provide support for all of the listed 3rd. party certification providers by making base test evidence available for the purpose of assessment.

NOTE: The term 'assessment' in this context applies to product related expert opinions produced by a 3rd. party fire consultancy provider and should not be confused with the term 'assessment' used in Approved Document 'B' for the purpose of regulation. The assessment required by reference to regulations is determined by the 'authorities' responsible for the particular building, generally recognised as being the Designer, in consultation with Local Building Control, and (where applicable) the Local Fire Services. The authorities may accept the expert opinions provided by 3rd. party fire consultancy providers as guidance but they are under no obligation to accept such expert advice.

Fire Door Applications contd.

The particular project authorities may require:

- a/ 3rd. party certification originating from a particular 3rd. party certification provider.
- b/ A 'project assessment' related to the particular design requirements for a particular building.
- c/ Further testing of particular designs or design detail.
- d/ Additional 3rd. party certification to cover particular requirements that are outside of the scope of the Global Assessment.

There is generally an additional cost where there is a demand for certification in addition to that provided by the 'Global Assessment'. The cost will be influenced by the work required and the extent of the which any resultant data is limited to the particular project or can be applied generally for future applications.

Pacific Rim Wood Ltd. will support users of FLAMEBREAK™ by providing base test data owned by them for reference by 3rd. party certification bodies. Further, Pacific Rim Wood Ltd. may provide support for users of FLAMEBREAK™ door cores who wish to carry out further testing by way technical support and the provision of core materials for testing purposes.

Project specifications will generally define the regulations to be applied to the particular building with a further definition of design requirements. It is generally the responsibility of the door assembly manufacturer to provide for the necessary documentation to the reasonable satisfaction of the project authorities. It is strongly recommended that considerations of this nature are dealt with in advance of manufacture of the door assemblies.

This section provides for general guidance for the application of FLAMEBREAK™ core doors for BS476 Pt.22 : 1987 related FD30 and FD60 performances. It is important to note that size envelopes may vary according to the size and type of intumescent seal used. Reference should be made to other sections in this manual to determine recommended intumescent seal locations and requirements for additional intumescent gaskets for use with hardware.

NOTE 1: The dimensional envelopes for the fire door application of FLAMEBREAK™ core doors will vary according to the size and type of intumescent seal selected for the particular project. To assist users, this Section identifies application dimensions related to intumescent seal type and size.

NOTE 2: More limited application dimensions apply to some intumescent seal types. This does not imply that the particular seal type is in anyway inferior but rather, this reflects the extent of testing carried out with the particular seal types at the time of publication of this manual. A continuing fire test programme is likely to result in variations to these published application dimensions and users should contact Pacific Rim Wood Ltd. for further advice for applications not covered by this manual.

WARNING: Various formulae are used in the manufacture of intumescent seals which may provide for different performance characteristics under fire conditions. The mixing of intumescent seal types for use in the same door assembly is not approved.

Door Gaps / Alignment:

The following describes the maximum / minimum approved gaps and door leaf positioning for fire door applications. This advice is related specifically to the achievement of design fire performances and should not be referred to as an authority to vary the requirements of BS 4787 Pt.1 for general applications.

Location	Dimension
Head & Stile edge gaps.	Approved minimum = 2mm Approved maximum = 4mm
*Threshold	Approved maximum = 10mm above finished floor level.
Alignment	Door leaves must not project beyond the face of the adjacent door / panel or the frame by more than 1mm

* See Section 5 for Smoke sealed doors.

In addition to FLAMEBREAK™ Pacific Rim Wood Ltd. also supply SAFEGUARD™ door cores and other door assembly related components. These products are beyond the scope of this manual.

For further details in respect of other products available from Pacific Rim Wood Ltd. please contact:

Pacific Rim Wood Ltd.,
Ground Floor Suite, Block B,
The Old Kelways,
Somerton Road,
Langport,
Somerset TA10 9SJ

Tel: +44 (0) 1458 252 305
E-mail: enquiries@prwuk.com

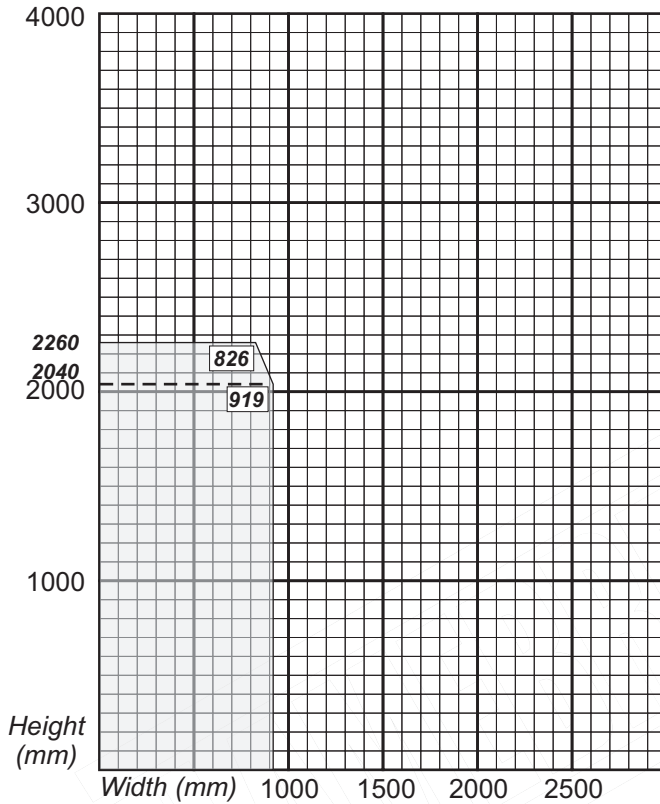
FLAMEBREAK™

FD30 - BS476 Pt.22 :1987

10x4mm PVC encased Pyroplex Rigid Box seal

LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single Action Single leaf



Latched Single Action Single leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2040	919
	To	2260	826
Latched Single Action Double Door (LSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m ³ Hardwood frames only.	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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Intumescent Seals 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 10x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 1No. 10x4mm exposed and centrally fitted to leaf or frame.
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2A.2

Fire Door Applications FLAMEBREAK 430

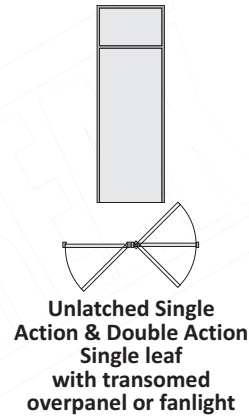
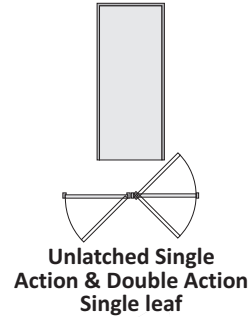
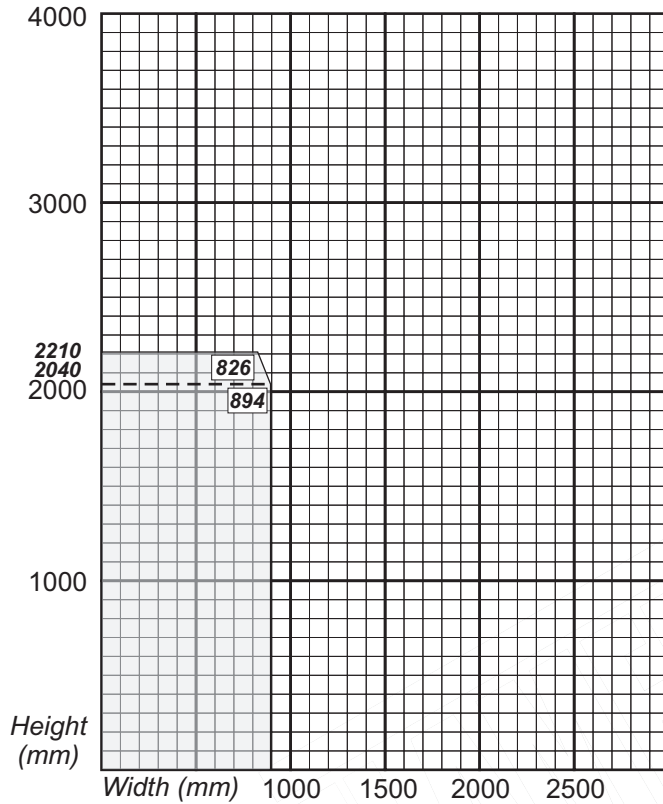


FD30 - BS476 Pt.22 :1987

10x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2040	894
	To	2210	826
Double Action Single Door (DASD)	From	2040	894
	To	2210	826
Unlatched Single Action Double Door (ULSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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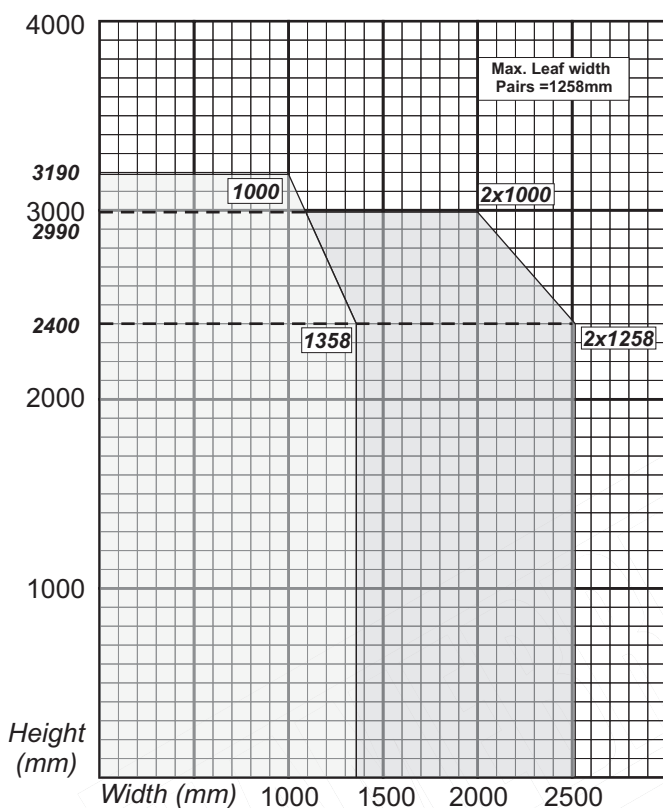
Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m ³ Hardwood frames only.	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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Intumescent Seals 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 10x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 10x4mm exposed and centrally fitted to leaf or frame.
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FD30 - BS476 Pt.22 :1987

2No.10x4mm PVC encased Pyroplex Rigid Box seal



LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



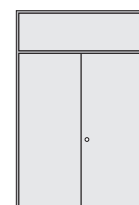
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2400	1358
	To	3190	1000
Latched Single Action Double Door (LSADD)	From	2400	1258
	To	2990	1000

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jamb & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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2A.4

Fire Door Applications FLAMEBREAK 430



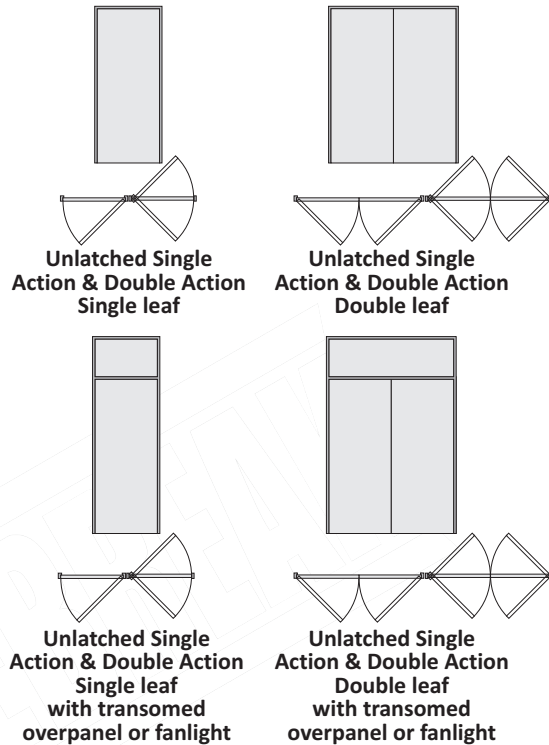
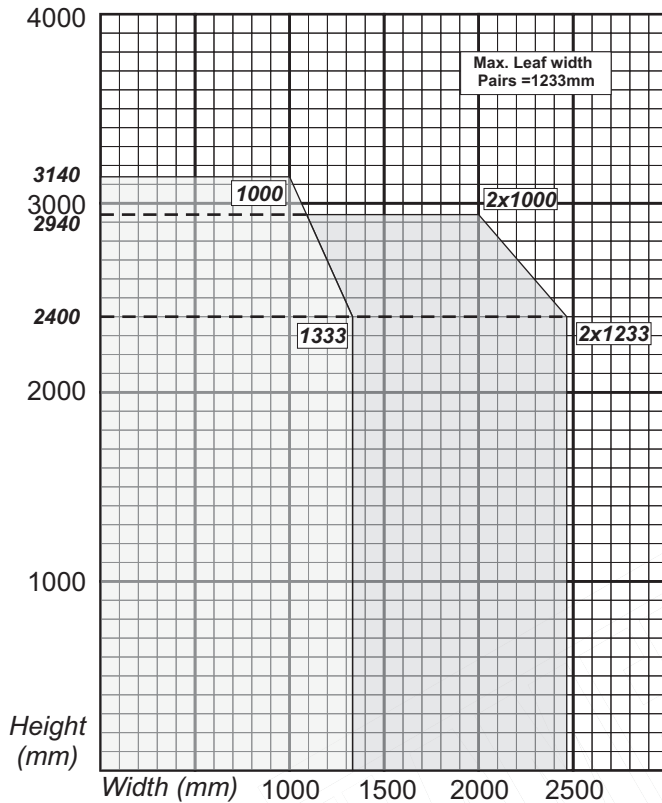
FD30 - BS476 Pt.22 :1987

2No.10x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies &

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2400	1333
	To	3140	1000
Double Action Single Door (DASD)	From	2400	1333
	To	3140	1000
Unlatched Single Action Double Door (ULSADD)	From	2400	1233
	To	2940	1000
Double Action Double Door (DADD)	From	2400	1233
	To	2940	1000

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jamb & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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Exova Warrington fire Report Ref: FEA/F98164 Rev. M Valid until 23rd. February 2023

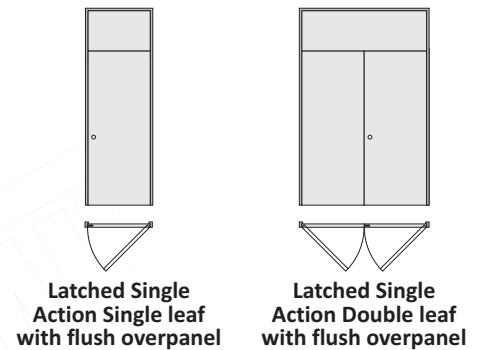
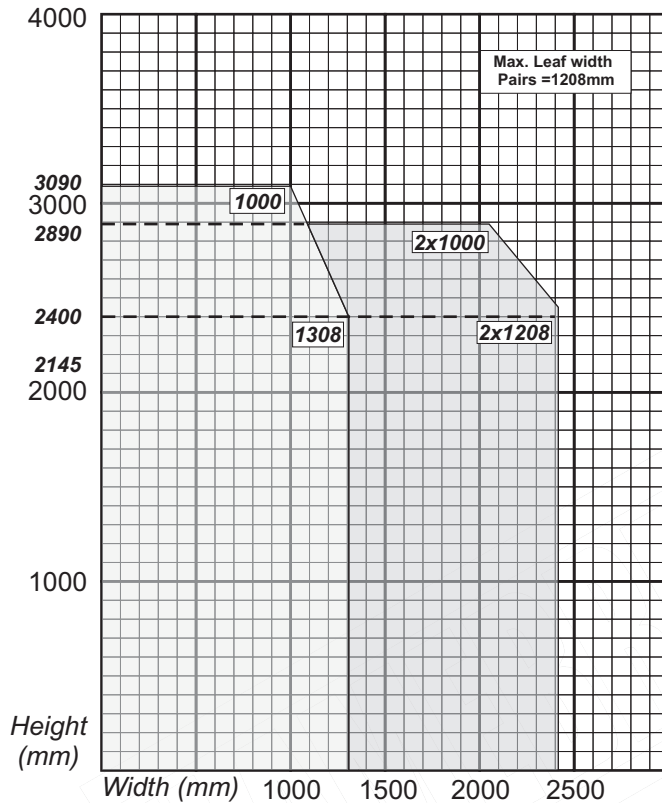


FD30 - BS476 Pt.22 :1987

2No.10x4mm PVC encased Pyroplex Rigid Box seal

LATCHED DOORSETS

Storey Height Assemblies with Flush Overpanel



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2400	1308
	To	3090	1000
Latched Single Action Double Door (LSADD)	From	2400	1208
	To	2890	1000

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset		Double door doorset	Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood

<p>Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Door / Overpanel: <i>See Section 4 pages 4.11 & 4.13.</i> Square: 2No. 10x4mm exposed and fitted centrally in the top of the door leaf or bottom of overpanel with 10mm separation. Rebated: 1No. 10x4 located centrally at the top of the door plus 1 No. 10x4 located centrally in the rebate to the door leaf. Head / Jambs & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame with 10mm separation, extended to vertical edges and top of overpanel. Meeting edges - pairs of doors: Square: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Rebated: NOT APPROVED.</p>
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2A.6

Fire Door Applications FLAMEBREAK 430

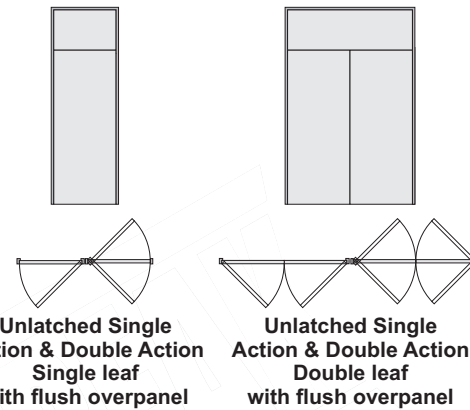
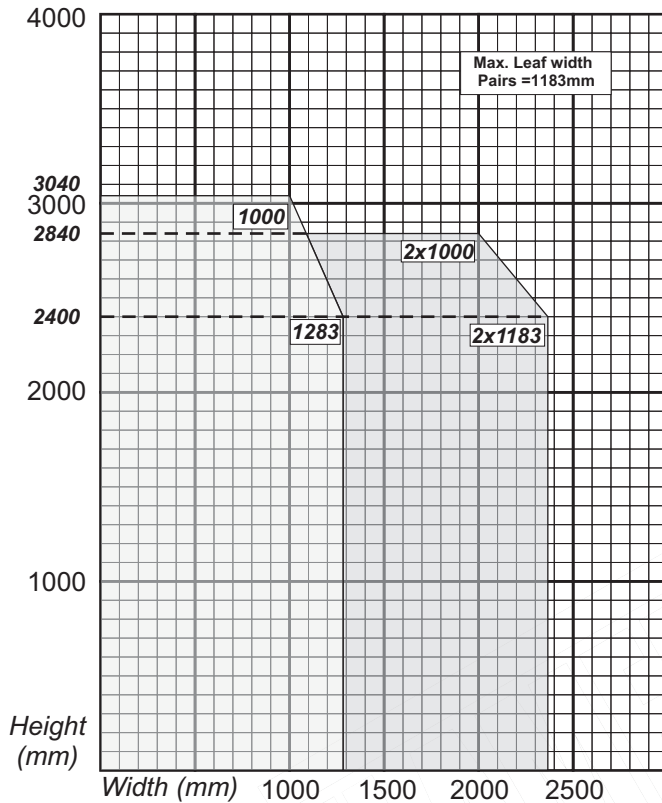


FD30 - BS476 Pt.22 :1987

2No.10x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Storey Height Assemblies with Flush Overpanel



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2400	1283
	To	3040	1000
Double Action Single Door (DASD)	From	2400	1283
	To	3040	1000
Unlatched Single Action Double Door (ULSADD)	From	2400	1183
	To	2840	1000
Double Action Double Door (DADD)	From	2400	1183
	To	2840	1000

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

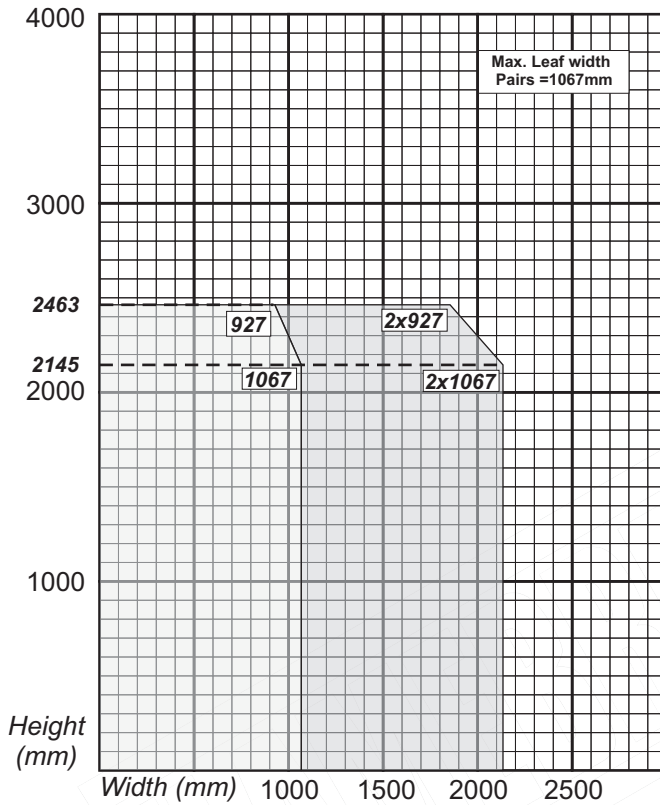
Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood
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Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Door / Overpanel: <i>See Section 4 pages 4.11 & 4.13.</i> Square: 2No. 10x4mm exposed and fitted centrally in the top of the door leaf or bottom of overpanel with 10mm separation. Rebated: 1No. 10x4 located centrally at the top of the door plus 1 No. 10x4 located centrally in the rebate to the door leaf. Head / Jamb & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame with 10mm separation, extended to vertical edges and top of overpanel. Meeting edges - pairs of doors: Square: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Rebated: NOT APPROVED.
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FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Pyroplex Rigid Box seal

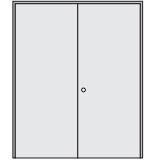


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



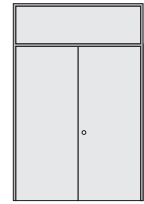
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2145	1067
	To	2463	927
Latched Single Action Double Door (LSADD)	From	2145	1067
	To	2463	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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2A.8

Fire Door Applications FLAMEBREAK 430



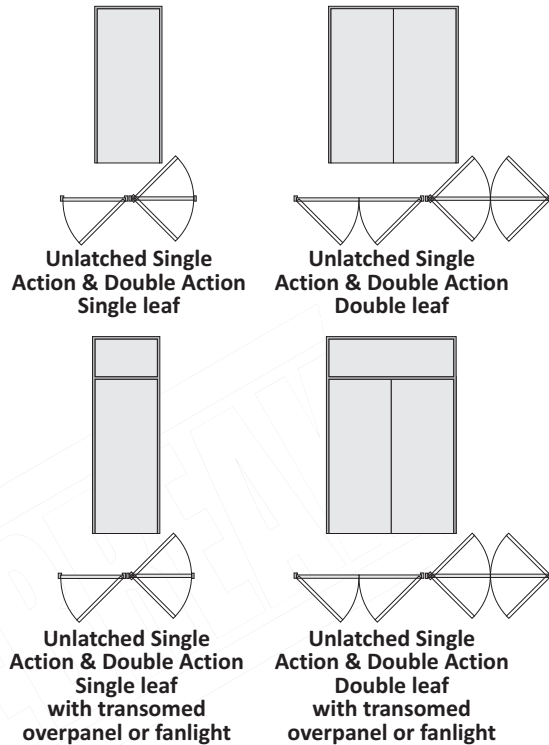
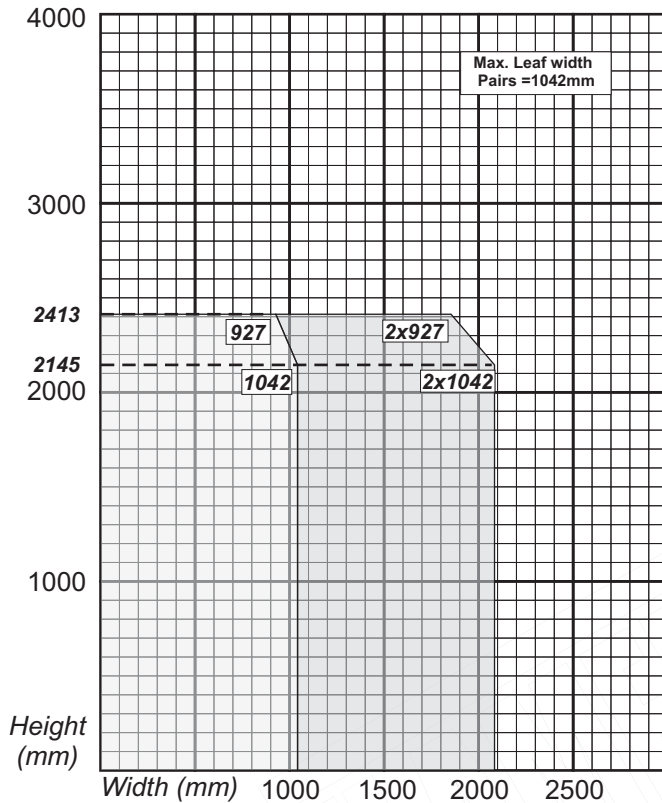
FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies &

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2145	1042
	To	2413	927
Double Action Single Door (DASD)	From	2145	1042
	To	2413	927
Unlatched Single Action Double Door (ULSADD)	From	2145	1042
	To	2413	927
Double Action Double Door (DADD)	From	2145	1042
	To	2413	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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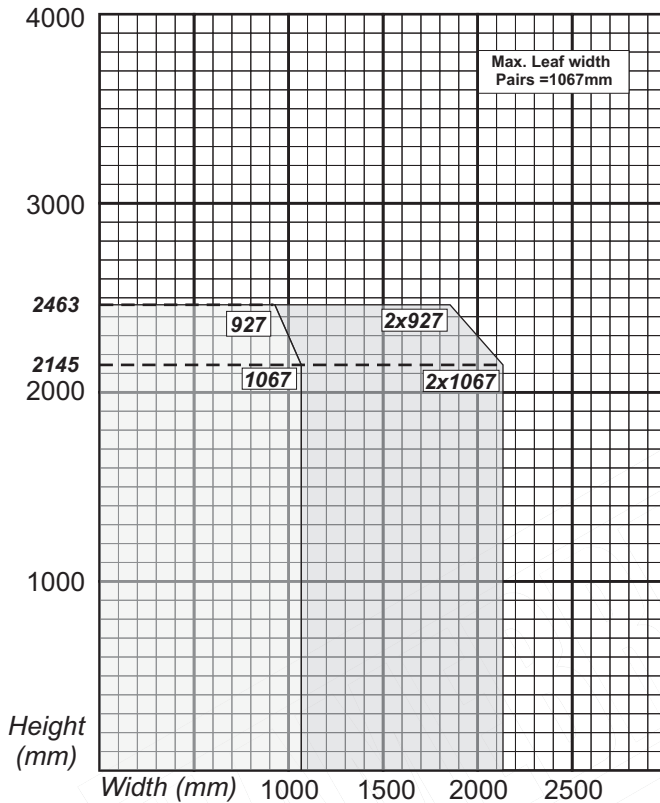
Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jamb's & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Pyroplex Rigid Box seal



LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



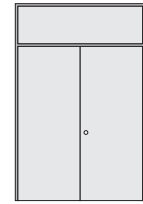
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2145	1067
	To	2463	927
Latched Single Action Double Door (LSADD)	From	2145	1067
	To	2463	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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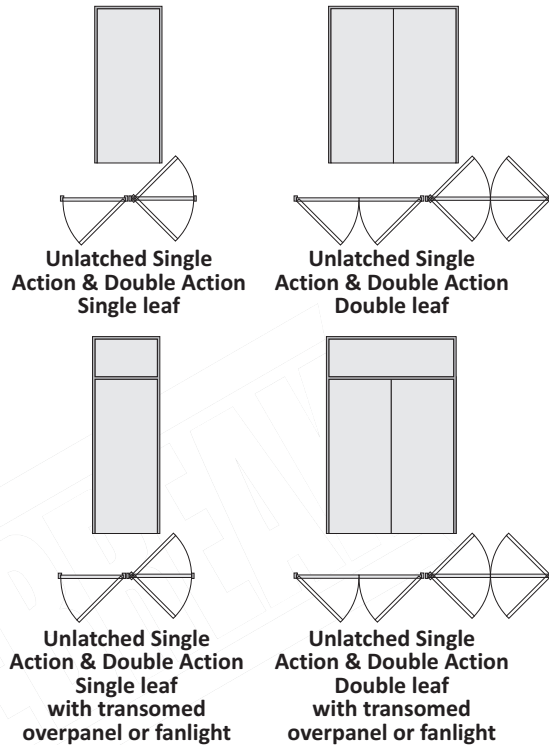
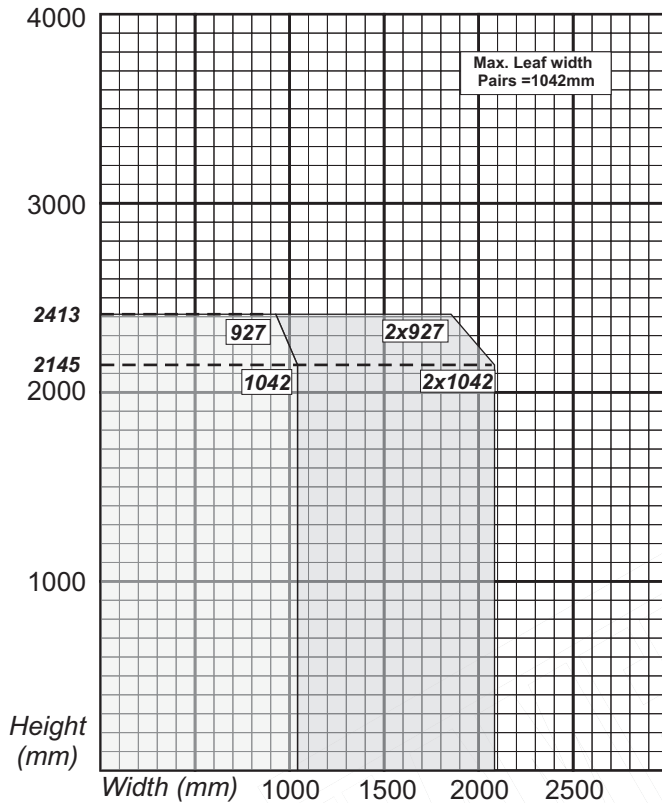
FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies &

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2145	1042
	To	2413	927
Double Action Single Door (DASD)	From	2145	1042
	To	2413	927
Unlatched Single Action Double Door (ULSADD)	From	2145	1042
	To	2413	927
Double Action Double Door (DADD)	From	2145	1042
	To	2413	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m ³ Hardwood frames only.	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jamb's & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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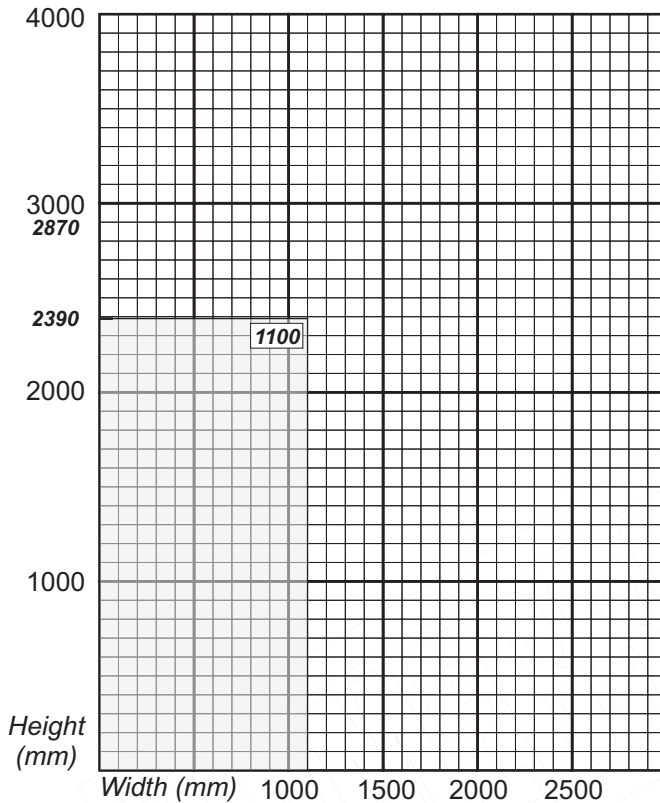


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**15x4mm PVC encased Palusol 100
or Lorient 617**

LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single
Action Single leaf



Latched Single
Action Single leaf
with transomed
overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From To	2390	1100
Latched Single Action Double Door (LSADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m² Hardwood frames only.	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame.</p>
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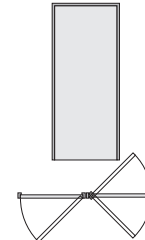
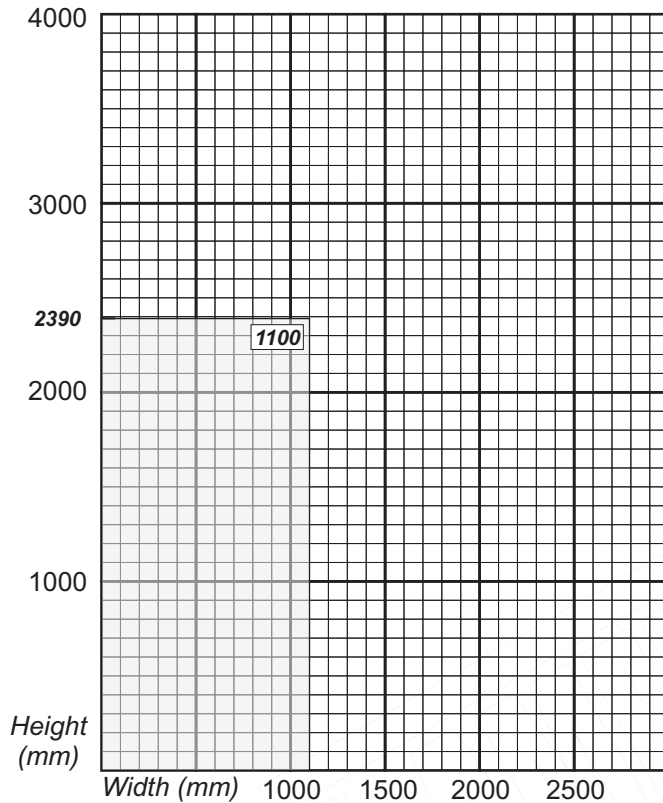


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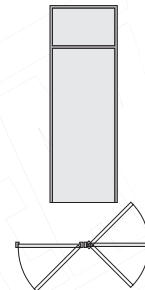
**15x4mm PVC encased Palusol 100
or Lorient 617**

UNLATCHED DOORSETS

**Door Height Assemblies
&
Storey Height Assemblies with Transom**



**Unlatched Single
Action & Double Action
Single leaf**



**Unlatched Single
Action & Double Action
Single leaf
with transomed
overpanel or fanlight**

Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From To	2390	1100
Double Action Single Door (DASD)	From To	2390	1100
Unlatched Single Action Double Door (ULSADD)	From To	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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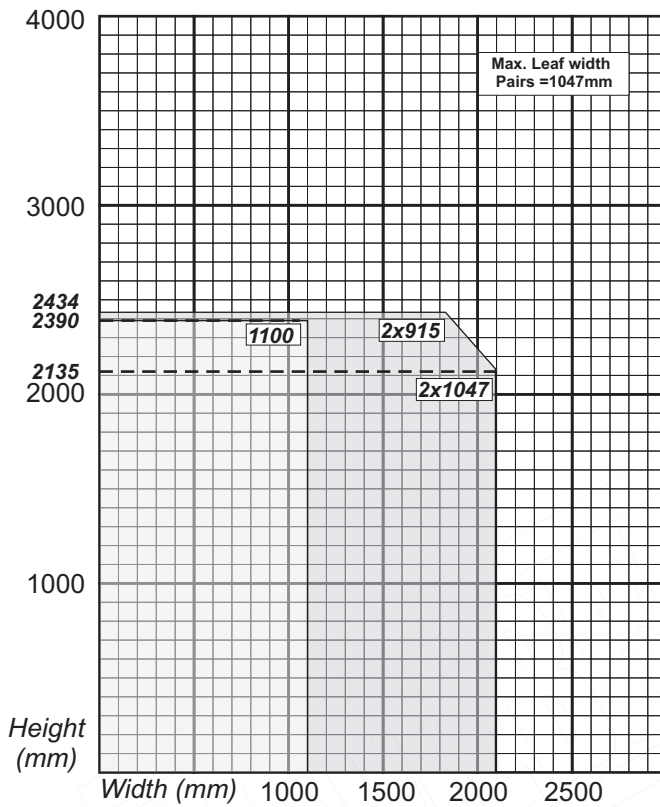
Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame.
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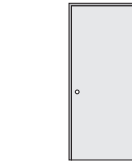
FD30 - BS476 Pt.22 :1987

**20x4mm PVC encased Palusol 100
or Lorient 617**

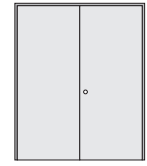


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



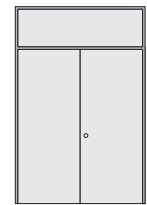
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From To	2390	1100
Latched Single Action Double Door (LSADD)	From To	2135 2434	1047 915

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.
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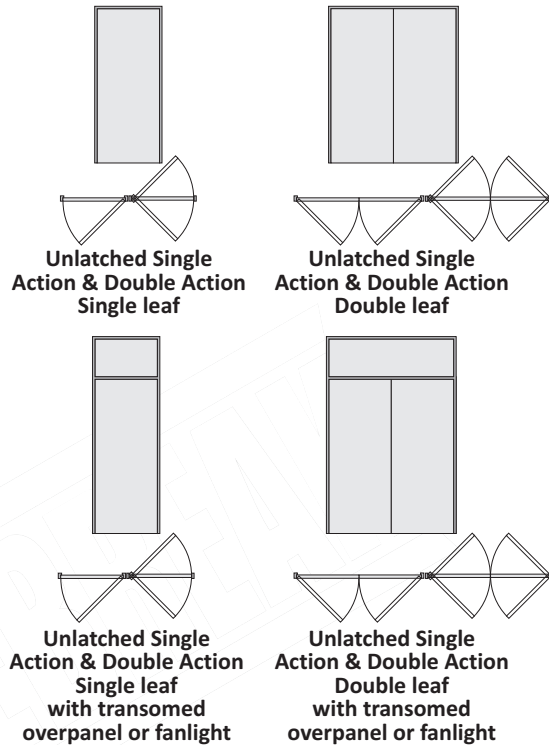
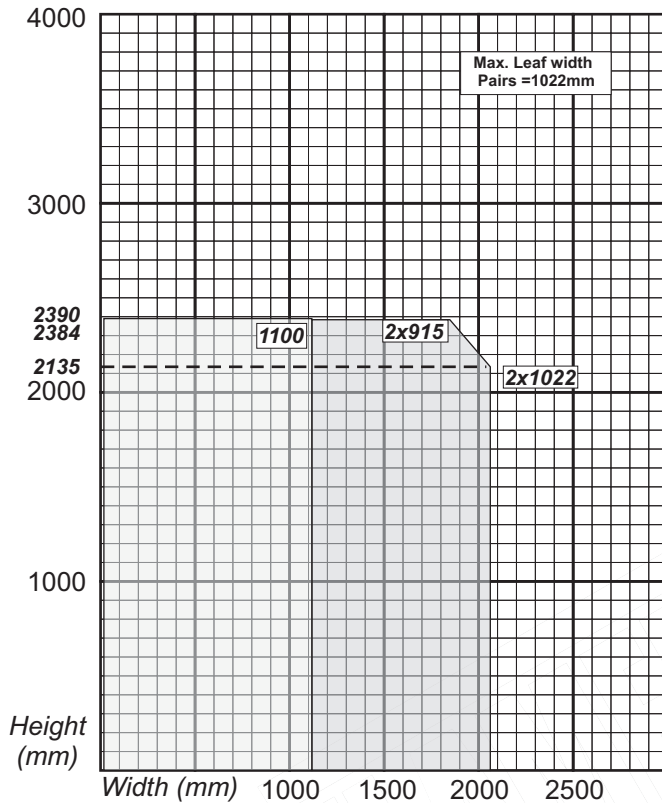
FD30 - BS476 Pt.22 :1987

**20x4mm PVC encased Palusol 100
or Lorient 617**

UNLATCHED DOORSETS

**Door Height Assemblies
&**

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From To	2390	1100
Double Action Single Door (DASD)	From To	2390	1100
Unlatched Single Action Double Door (ULSADD)	From To	2135 2384	1022 915
Double Action Double Door (DADD)	From To	2135 2384	1022 915

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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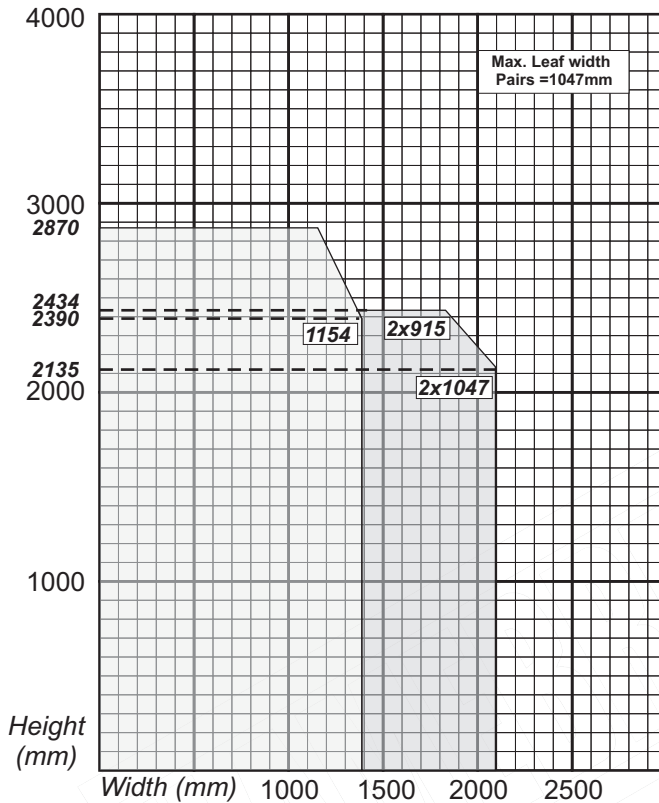
Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m ³ Hardwood frames only.	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.
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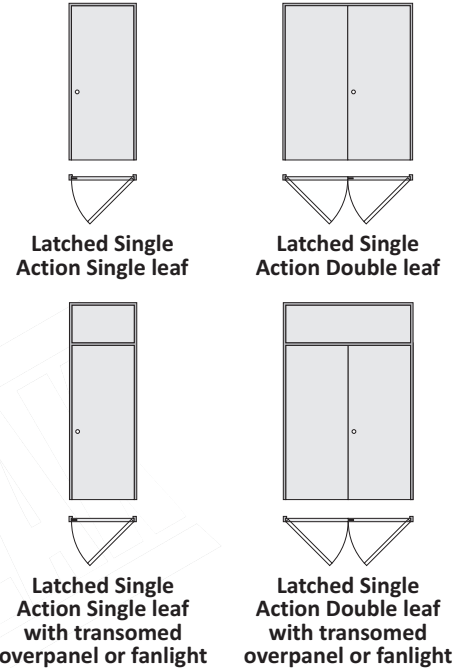
FD30 - BS476 Pt.22 :1987

**25x4mm PVC encased Palusol 100
or Lorient 617**



LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2390	1387
	To	2870	1154
Latched Single Action Double Door (LSADD)	From	2135	1047
	To	2434	915

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 25x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 25x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 25x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.
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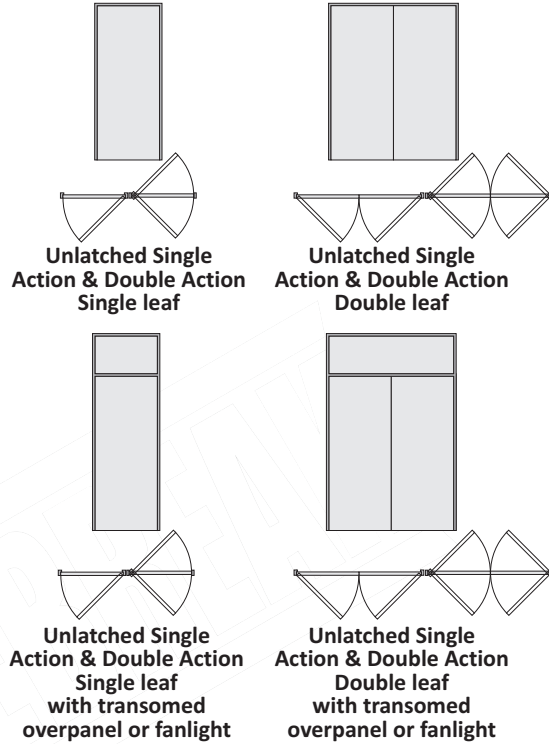
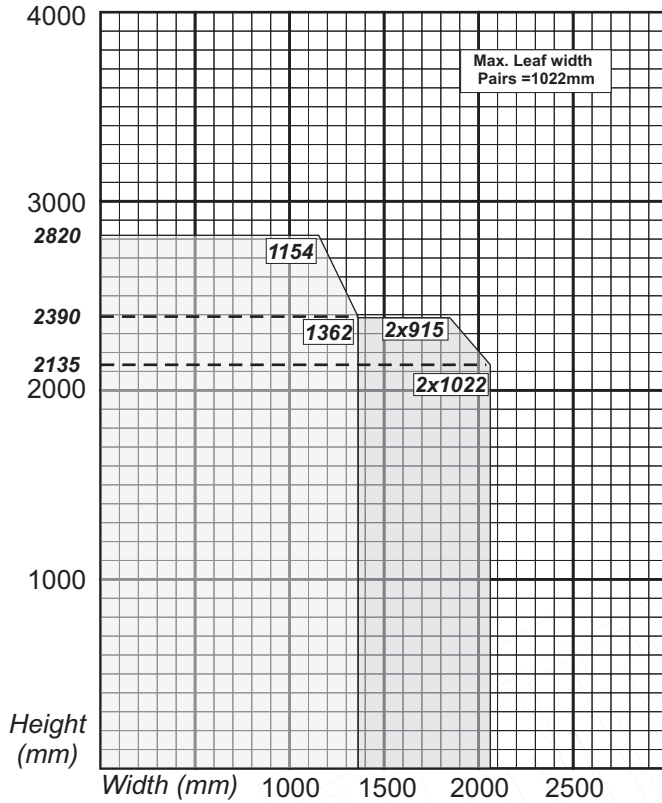
FD30 - BS476 Pt.22 :1987

**25x4mm PVC encased Palusol 100
or Lorient 617**

UNLATCHED DOORSETS

**Door Height Assemblies
&**

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2390	1362
	To	2820	1154
Double Action Single Door (DASD)	From	2390	1362
	To	2820	1154
Unlatched Single Action Double Door (ULSADD)	From	2135	1022
	To	2384	915
Double Action Double Door (DADD)	From	2135	1022
	To	2384	915

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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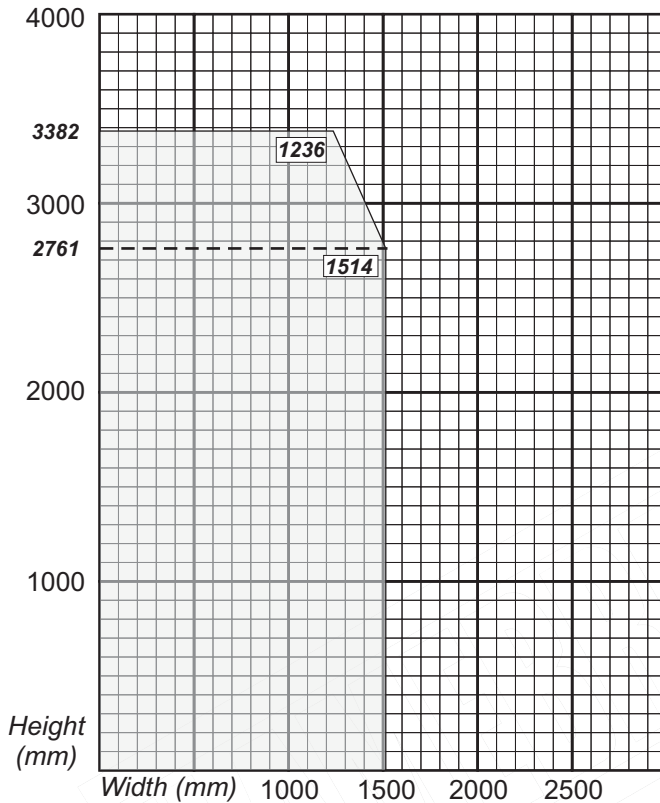
Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m ³ Hardwood frames only.	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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Intumescent Seals 25x4mm PVC encapsulated Palusol 100 or Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 25x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 25x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.
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25x4mm PVC encased Lorient 617



LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single
Action Single leaf



Latched Single
Action Single leaf
with transomed
overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2761	1514
	To	3382	1236
Latched Single Action Double Door (LSADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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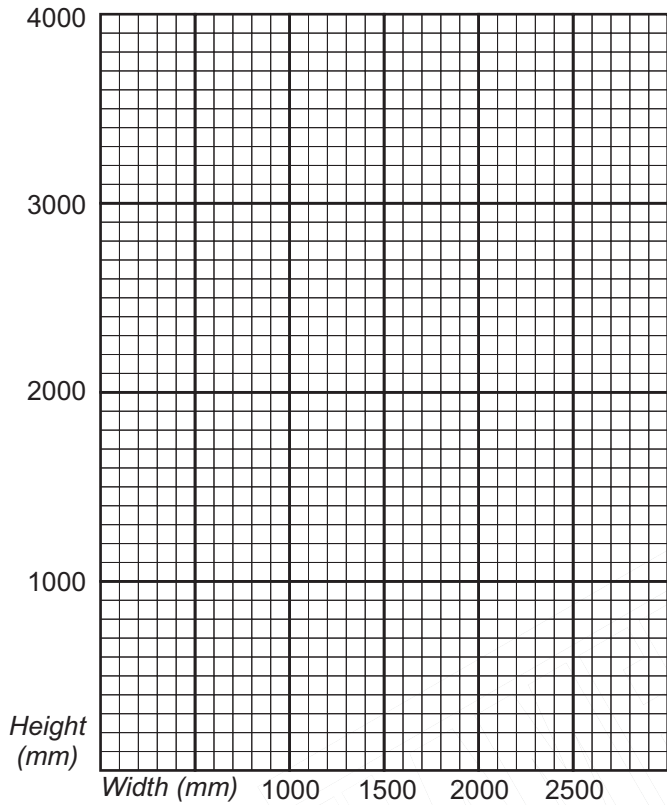
Intumescent Seals 25x4mm PVC encapsulated Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	NOTE: This product is supplied without any perimeter framing to the core construction - Doors must be hardwood lipped. Head: 1No. 25x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 25x4mm exposed and fitted centrally in the leaf or frame.
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UNLATCHED DOORSETS

25x4mm PVC encased Lorient 617



NOTE:
 This door blank construction is approved for single leaf, single swing, latched door only.

This construction is **not** approved for the following applications:

- Unlatched Single Action Single Door.
- Double Action Single Door.
- Latched Single Action Double Door.
- Unlatched Single Action Double Door.
- Double Action Double Door.

Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From To	NOT APPROVED	NOT APPROVED
Double Action Single Door (DASD)	From To	NOT APPROVED	NOT APPROVED
Unlatched Single Action Double Door (ULSADD)	From To	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	Maximum Overpanel height	Single door doorset Double door doorset
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 25x4mm PVC encapsulated Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	
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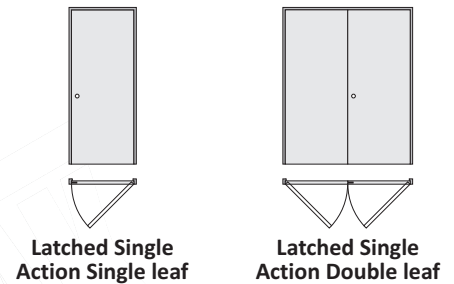
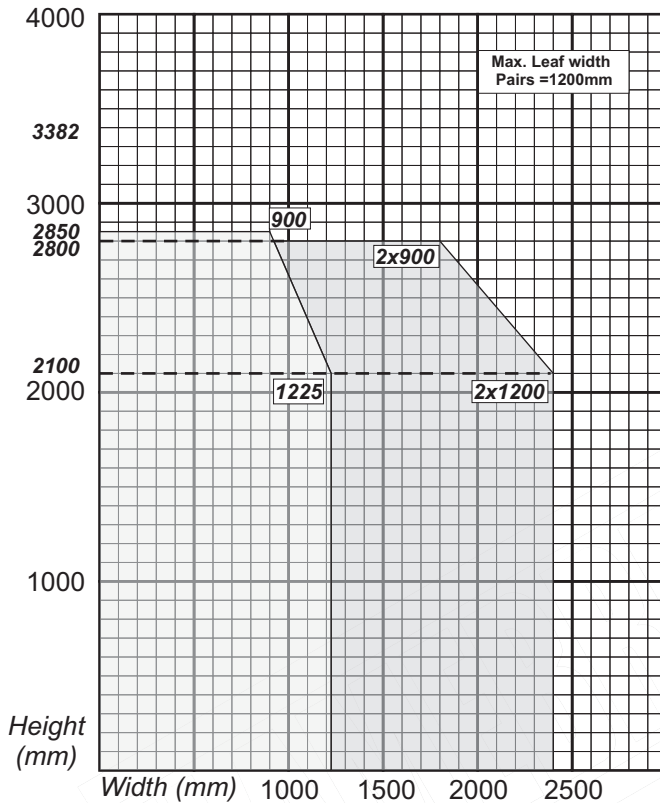


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**15x4mm PVC encased Lorient 617
 + Intregal CS Acrovyn intumescent**

LATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2100	1225
	To	2850	900
Latched Single Action Double Door (LSADD)	From	2100	1200
	To	2800	900

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4mm PVC encapsulated Lorient 617 + Intregal CS Acrovyn Intumescent <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 15x4mm exposed and fitted centrally in the frame head. Jamb: 1No. 15x4mm exposed and fitted centrally in the leaf in addition to CS Acrovyn edge protectors with integral intumescents fitted on the leaf edges. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the CS Acrovyn edge protectors to both door leaf edges.</p>
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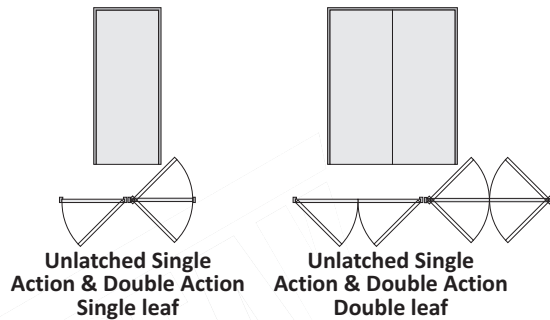
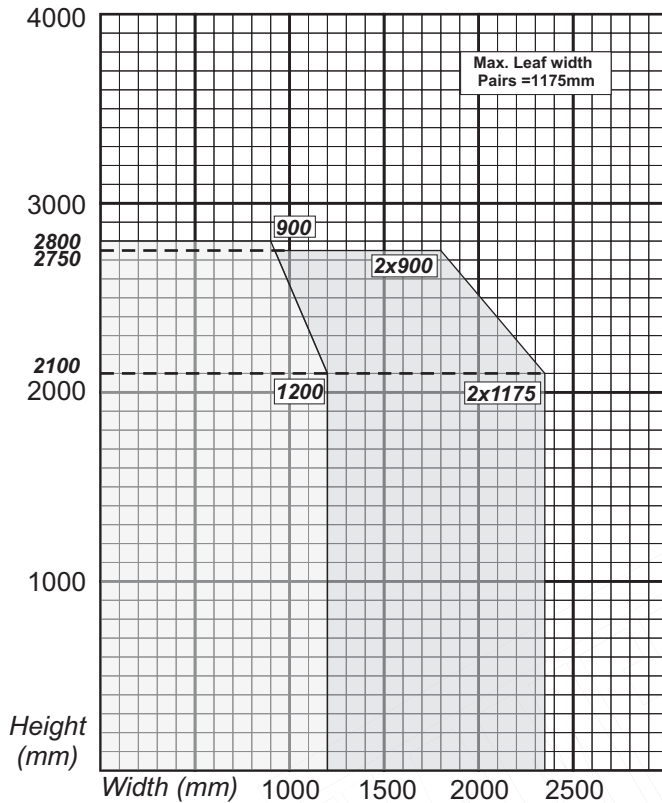


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**15x4mm PVC encased Lorient 617
 + Intregal CS Acrovyn intumescent**

UNLATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2100	1200
	To	2800	900
Double Action Single Door (DASD)	From	2100	1200
	To	2800	900
Unlatched Single Action Double Door (ULSADD)	From	2100	1175
	To	2750	900
Double Action Double Door (DADD)	From	2100	1175
	To	2750	900

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4mm PVC encapsulated Lorient 617 + Intregal CS Acrovyn Intumescent <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 15x4mm exposed and fitted centrally in the frame head. Jams : 1No. 15x4mm exposed and fitted centrally in the leaf in addition to CS Acrovyn edge protectors with integral intumescents fitted on the leaf edges. Meeting Stiles : 1No. 15x4mm exposed and fitted centrally in the CS Acrovyn edge protectors to both door leaf edges.</p>
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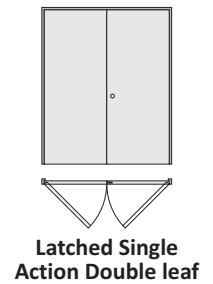
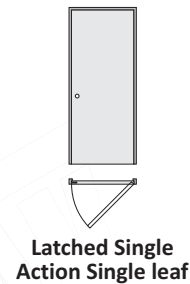
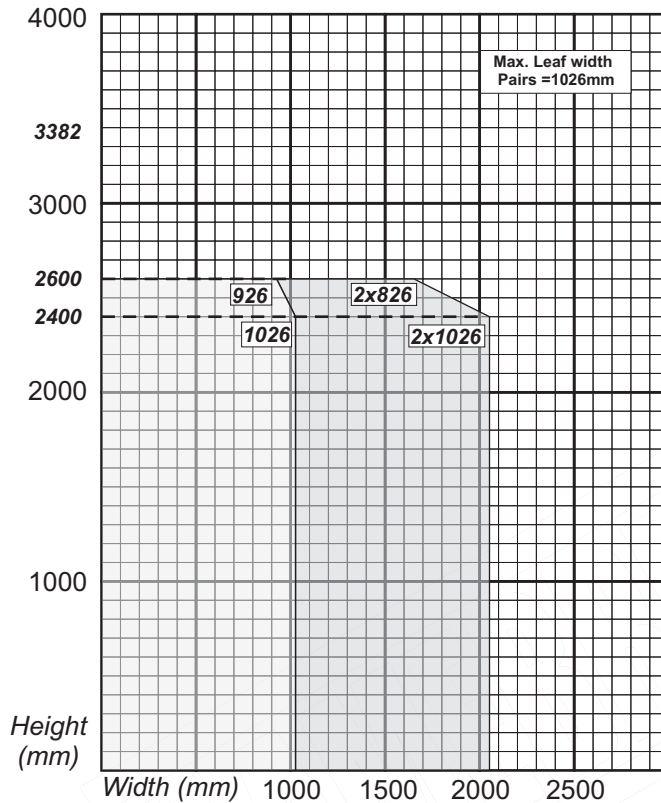


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**15x4 + 20x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

LATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2400	1026
	To	2600	926
Latched Single Action Double Door (LSADD)	From	2400	1026
	To	2600	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 20x4mm exposed and fitted centrally in the frame head. Jams: 1No. 15x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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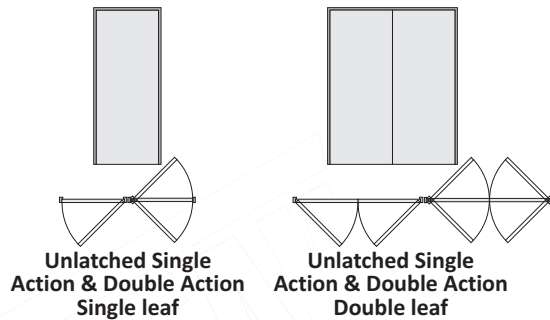
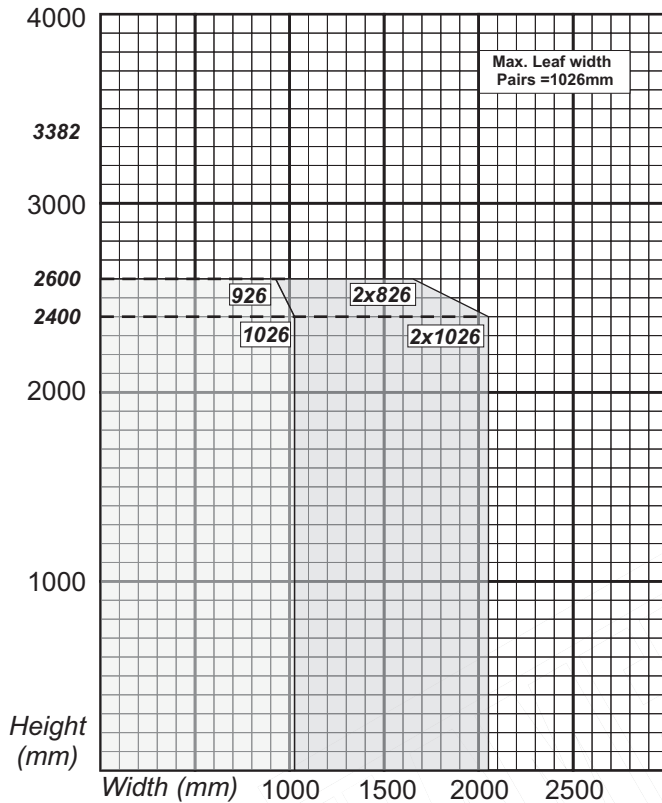


FD30 - BS476 Pt.22 :1987

**15x4 + 20x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

UNLATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2400	1026
	To	2600	926
Double Action Single Door (DASD)	From	2400	1026
	To	2600	926
Unlatched Single Action Double Door (ULSADD)	From	2400	1026
	To	2600	826
Double Action Double Door (DADD)	From	2400	1026
	To	2600	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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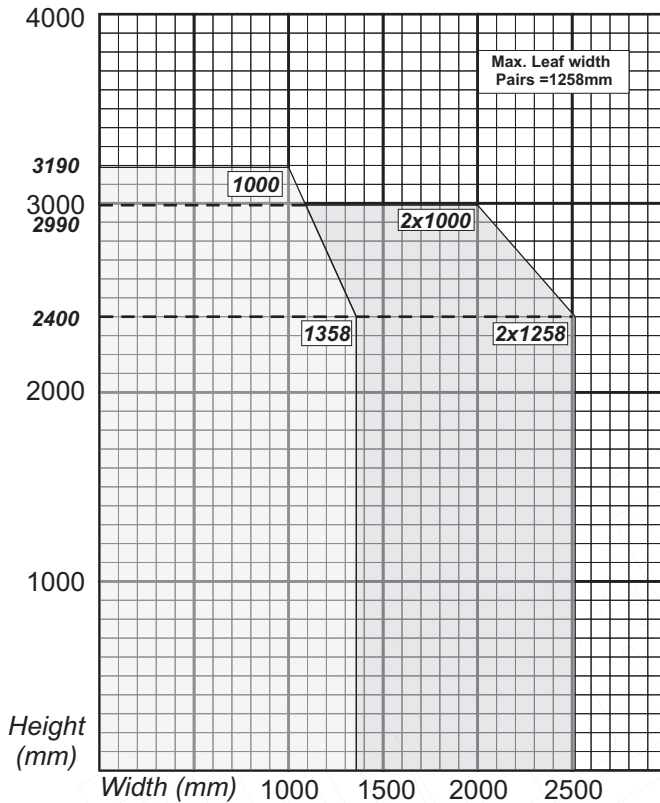
<p>Intumescent Seals 15x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 20x4mm exposed and fitted centrally in the frame head. Jamb: 1No. 15x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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FLAMEBREAK

FD30 - BS476 Pt.22 :1987

2No.10x4mm PVC encased Pyroplex Rigid Box seal

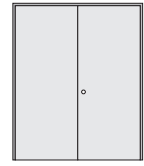


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



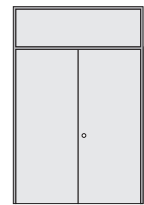
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2400	1358
	To	3190	1000
Latched Single Action Double Door (LSADD)	From	2400	1258
	To	2990	1000

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jams & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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2B.2

Fire Door Applications FLAMEBREAK 630



FD30 - BS476 Pt.22 :1987

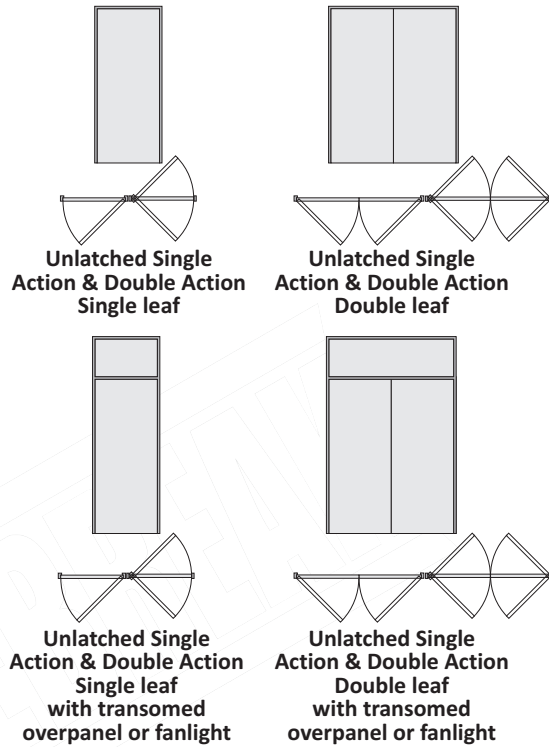
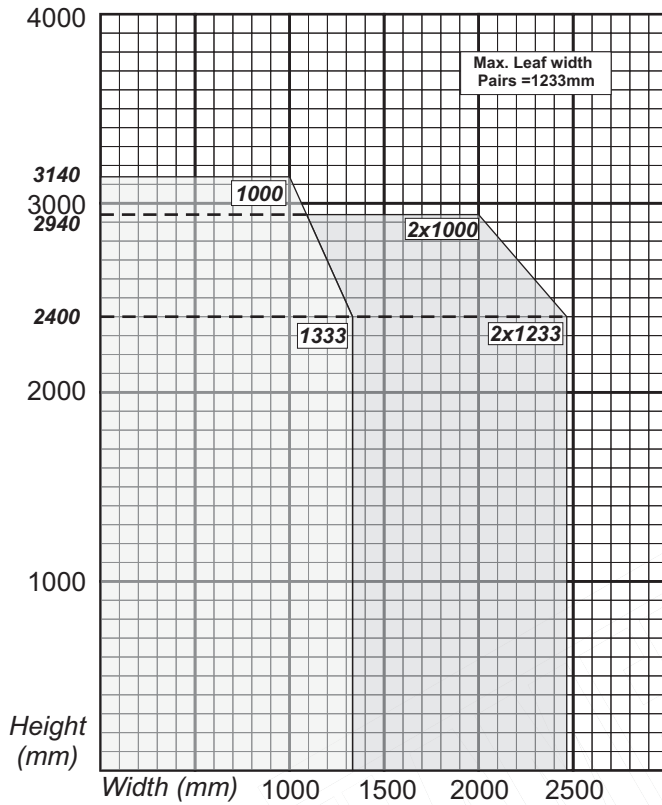
2No.10x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies

&

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2400	1333
	To	3140	1000
Double Action Single Door (DASD)	From	2400	1333
	To	3140	1000
Unlatched Single Action Double Door (ULSADD)	From	2400	1233
	To	2940	1000
Double Action Double Door (DADD)	From	2400	1233
	To	2940	1000

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

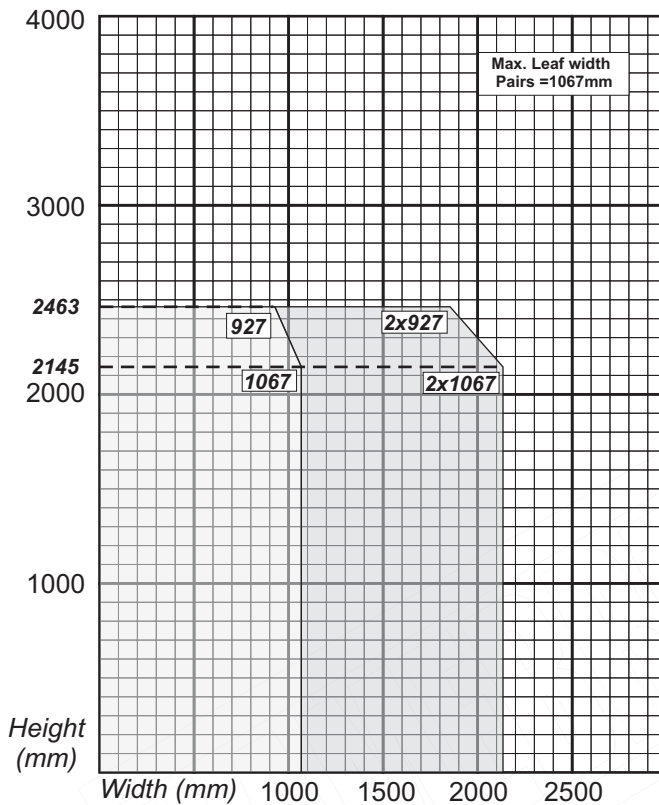
Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jams & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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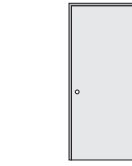
FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Pyroplex Rigid Box seal

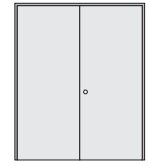


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



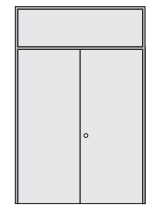
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2145	1067
	To	2463	927
Latched Single Action Double Door (LSADD)	From	2145	1067
	To	2463	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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2B.4

Fire Door Applications FLAMEBREAK 630

FLAMEBREAK

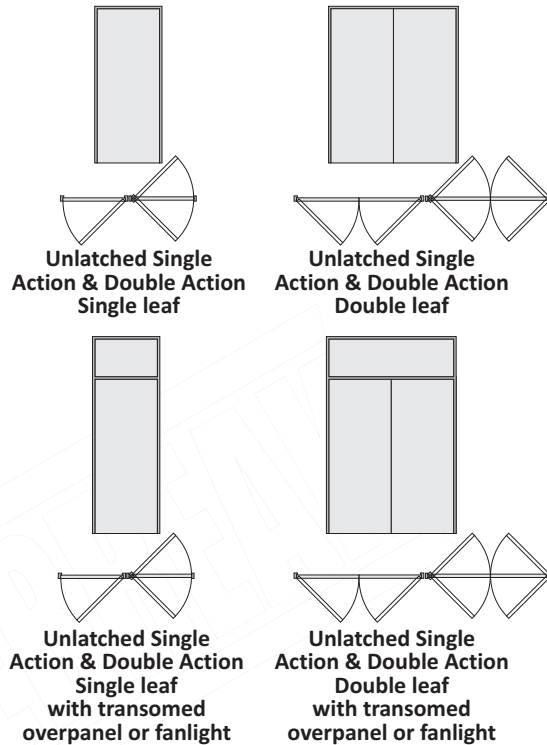
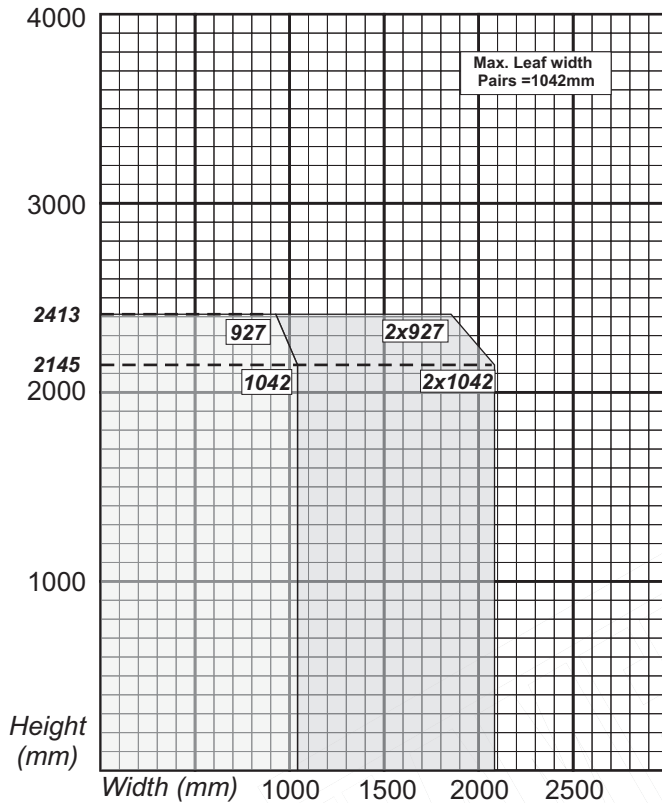
FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies &

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2145	1042
	To	2413	927
Double Action Single Door (DASD)	From	2145	1042
	To	2413	927
Unlatched Single Action Double Door (ULSADD)	From	2145	1042
	To	2413	927
Double Action Double Door (DADD)	From	2145	1042
	To	2413	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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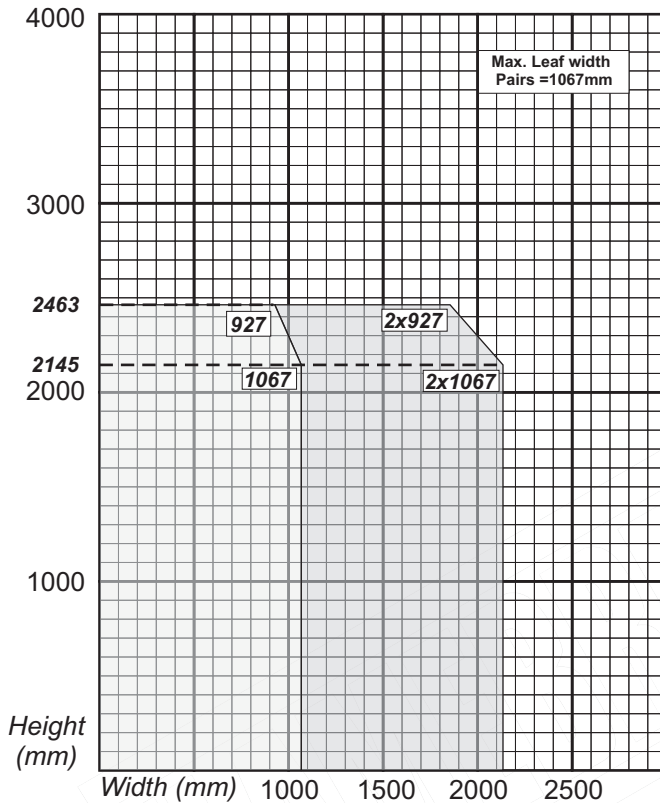
Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jamb's & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: <i>NOT APPROVED.</i>
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Exova Warrington fire Report Ref: FEA/F98164 Rev. M Valid until 23rd. February 2023



FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Pyroplex Rigid Box seal

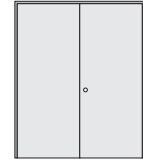


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



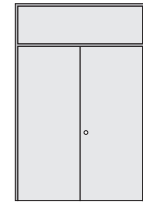
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2145	1067
	To	2463	927
Latched Single Action Double Door (LSADD)	From	2145	1067
	To	2463	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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2B.6

Fire Door Applications FLAMEBREAK 630



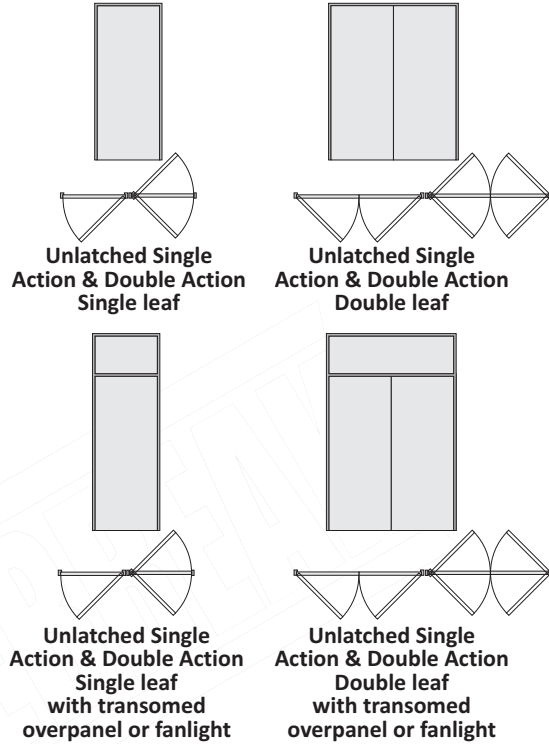
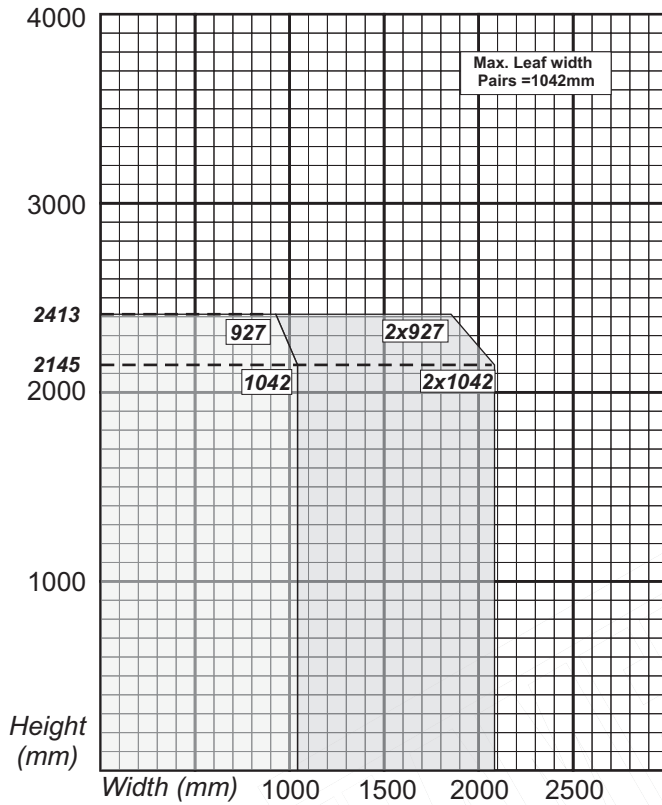
FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies &

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2145	1042
	To	2413	927
Double Action Single Door (DASD)	From	2145	1042
	To	2413	927
Unlatched Single Action Double Door (ULSADD)	From	2145	1042
	To	2413	927
Double Action Double Door (DADD)	From	2145	1042
	To	2413	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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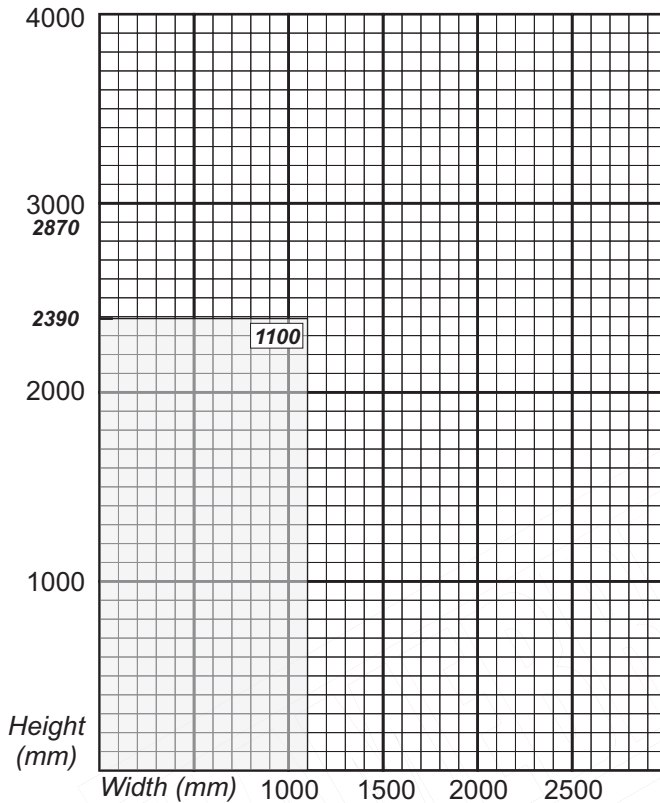


FD30 - BS476 Pt.22 :1987

**15x4mm PVC encased Palusol 100
or Lorient 617**

LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single
Action Single leaf



Latched Single
Action Single leaf
with transomed
overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From To	2390	1100
Latched Single Action Double Door (LSADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame.
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2B.8

Fire Door Applications FLAMEBREAK 630

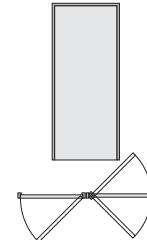
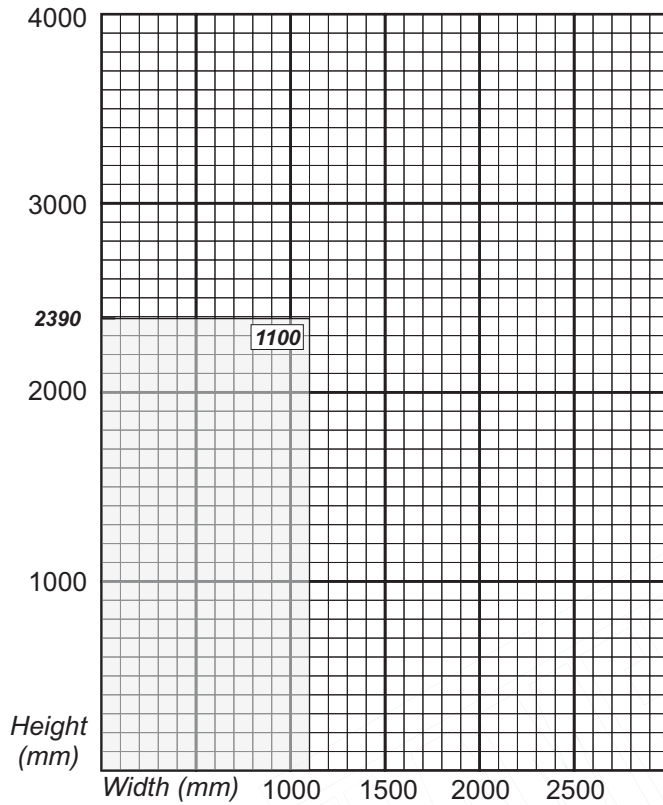


FD30 - BS476 Pt.22 :1987

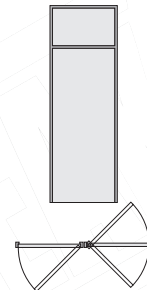
**15x4mm PVC encased Palusol 100
or Lorient 617**

UNLATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Unlatched Single Action & Double Action Single leaf



Unlatched Single Action & Double Action Single leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From To	2390	1100
Double Action Single Door (DASD)	From To	2390	1100
Unlatched Single Action Double Door (ULSADD)	From To	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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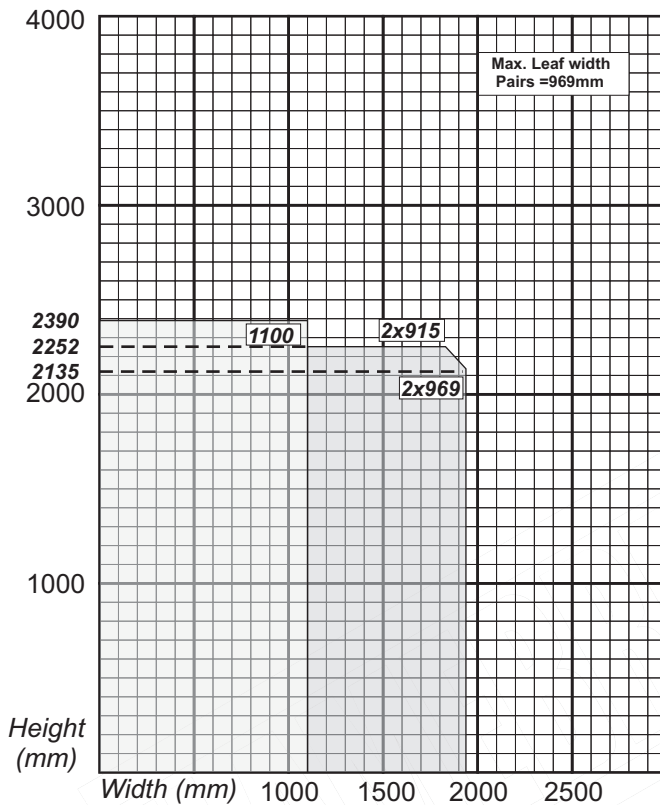
Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jamb's & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame.
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FD30 - BS476 Pt.22 :1987

**20x4mm PVC encased Palusol 100
or Lorient 617**

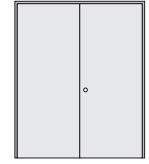


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



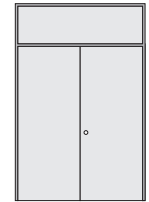
Latched Single
Action Single leaf



Latched Single
Action Double leaf



Latched Single
Action Single leaf
with transomed
overpanel or fanlight



Latched Single
Action Double leaf
with transomed
overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From To	2390	1100
Latched Single Action Double Door (LSADD)	From To	2135 2252	969 915

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.
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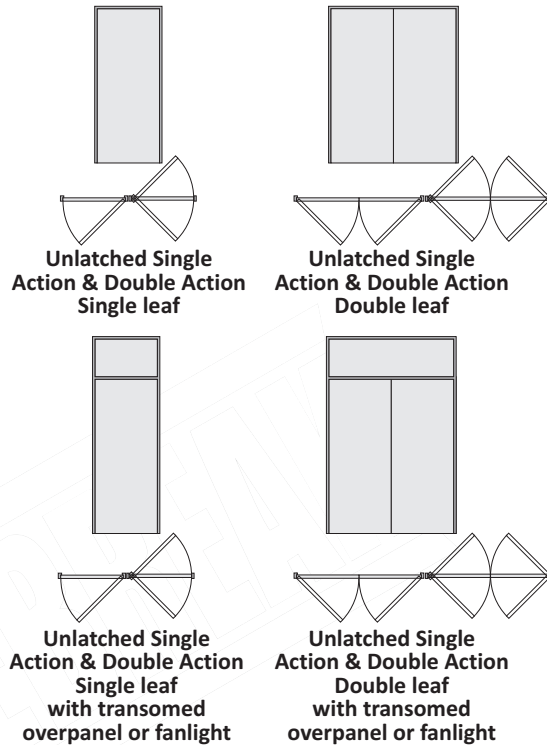
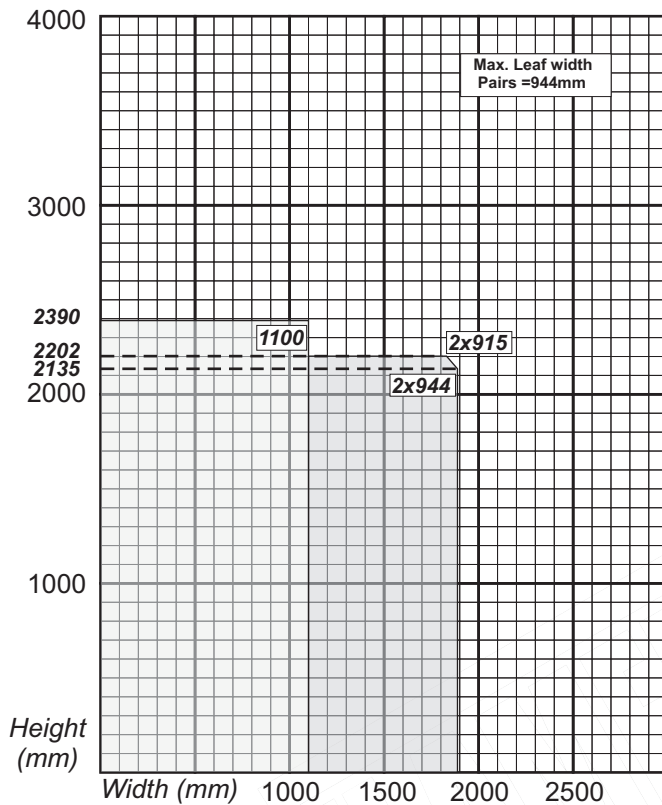
FD30 - BS476 Pt.22 :1987

**20x4mm PVC encased Palusol 100
or Lorient 617**

UNLATCHED DOORSETS

**Door Height Assemblies
&**

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2390	1100
	To		
Double Action Single Door (DASD)	From	2390	1100
	To		
Unlatched Single Action Double Door (ULSADD)	From	2135	944
	To		
Double Action Double Door (DADD)	From	2135	944
	To		

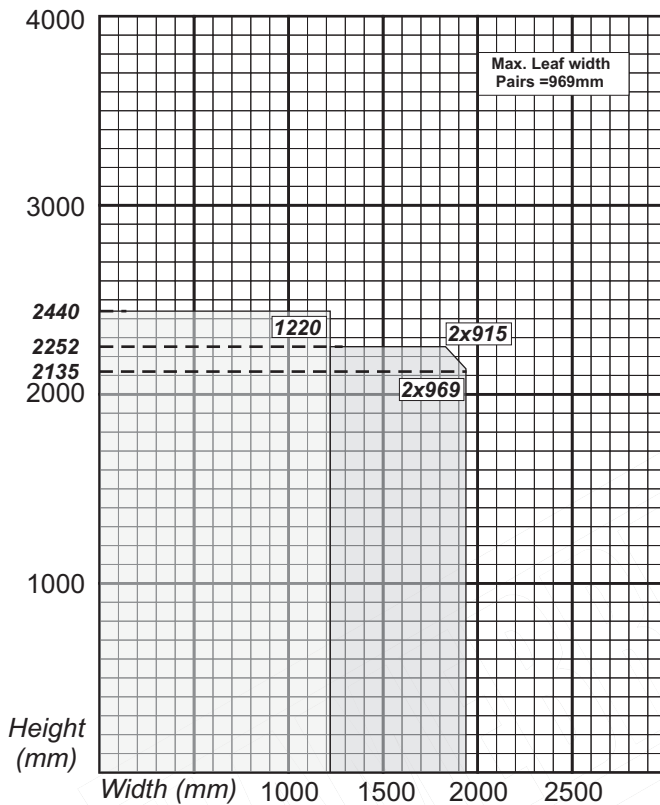
Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

<p>Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.</p>	<p>Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</p>	<p>450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF</p>
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<p>Intumescent Seals 20x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.</p>
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FD30 - BS476 Pt.22 :1987

**25x4mm PVC encased Palusol 100
or Lorient 617**

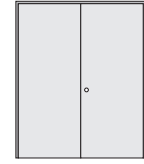


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



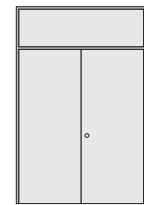
Latched Single
Action Single leaf



Latched Single
Action Double leaf



Latched Single
Action Single leaf
with transomed
overpanel or fanlight



Latched Single
Action Double leaf
with transomed
overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From To	2440	1220
Latched Single Action Double Door (LSADD)	From To	2135 2252	969 915

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 25x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 25x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 25x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.
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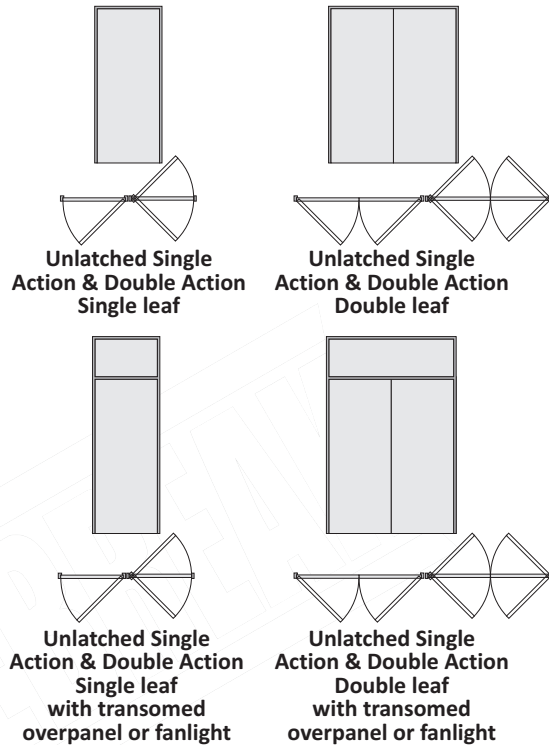
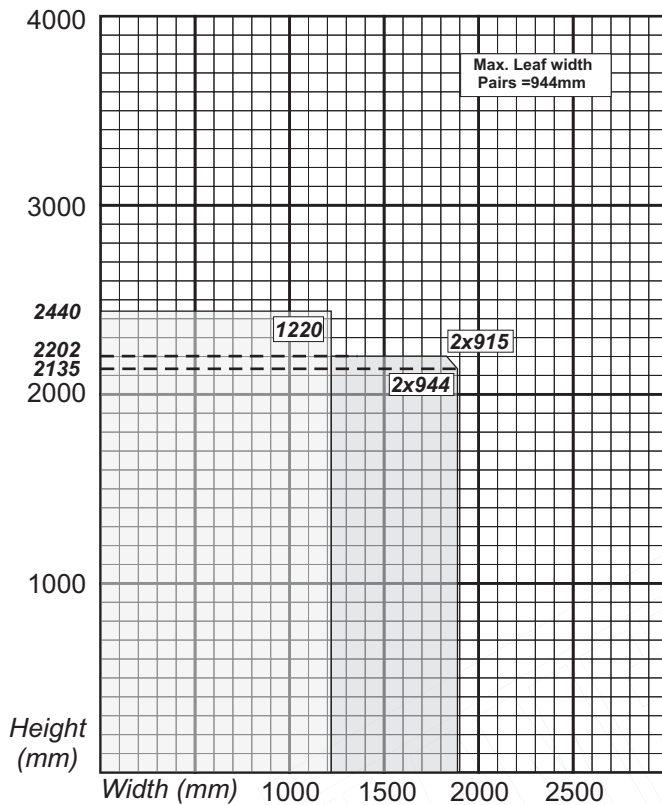
FD30 - BS476 Pt.22 :1987

**25x4mm PVC encased Palusol 100
or Lorient 617**

UNLATCHED DOORSETS

**Door Height Assemblies
&**

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2440	1220
	To		
Double Action Single Door (DASD)	From	2440	1220
	To		
Unlatched Single Action Double Door (ULSADD)	From	2135	944
	To		
Double Action Double Door (DADD)	From	2135	944
	To		
	From	2202	915
	To		

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	

<p>Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height door assemblies (without transoms) only.</i></p>	<p>Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i></p>	<p>450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF</p>
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<p>Intumescent Seals 25x4mm PVC encapsulated Palusol 100 or Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 1No. 25x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 25x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.</p>
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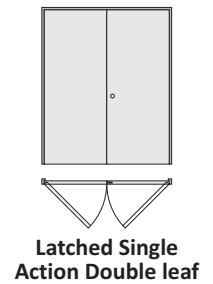
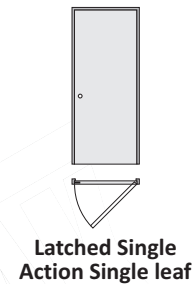
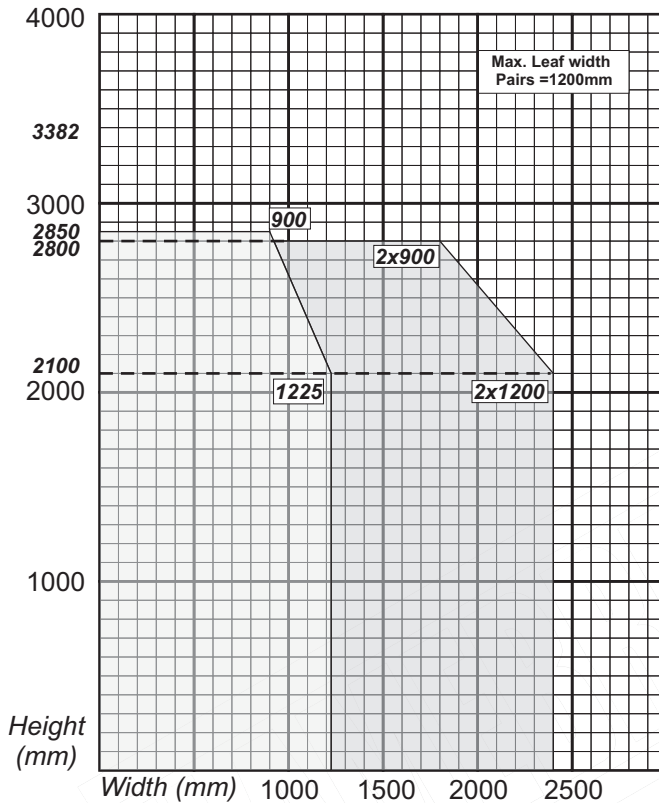


FD30 - BS476 Pt.22 :1987

**15x4mm PVC encased Lorient 617
 + Intregal CS Acrovyn intumescent**

LATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2100	1225
	To	2850	900
Latched Single Action Double Door (LSADD)	From	2100	1200
	To	2800	900

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	NOT APPROVED
	Double door doorset			Double door doorset	

Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4mm PVC encapsulated Lorient 617 + Intregal CS Acrovyn Intumescent <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 15x4mm exposed and fitted centrally in the frame head. Jamb: 1No. 15x4mm exposed and fitted centrally in the leaf in addition to CS Acrovyn edge protectors with integral intumescents fitted on the leaf edges. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the CS Acrovyn edge protectors to both door leaf edges.</p>
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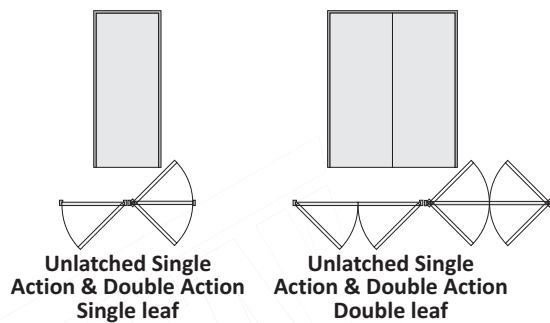
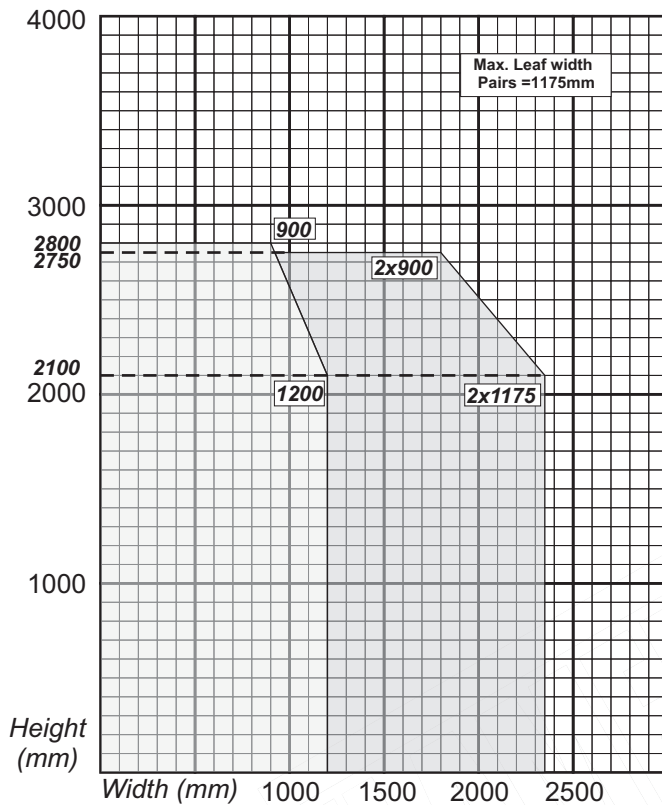


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**15x4mm PVC encased Lorient 617
 + Integral CS Acrovyn intumescent**

UNLATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2100	1200
	To	2800	900
Double Action Single Door (DASD)	From	2100	1200
	To	2800	900
Unlatched Single Action Double Door (ULSADD)	From	2100	1175
	To	2750	900
Double Action Double Door (DADD)	From	2100	1175
	To	2750	900

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4mm PVC encapsulated Lorient 617 + Integral CS Acrovyn Intumescent <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 15x4mm exposed and fitted centrally in the frame head. Jams: 1No. 15x4mm exposed and fitted centrally in the leaf in addition to CS Acrovyn edge protectors with integral intumescents fitted on the leaf edges. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the CS Acrovyn edge protectors to both door leaf edges.</p>
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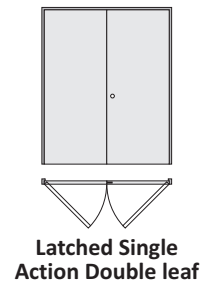
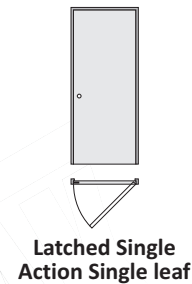
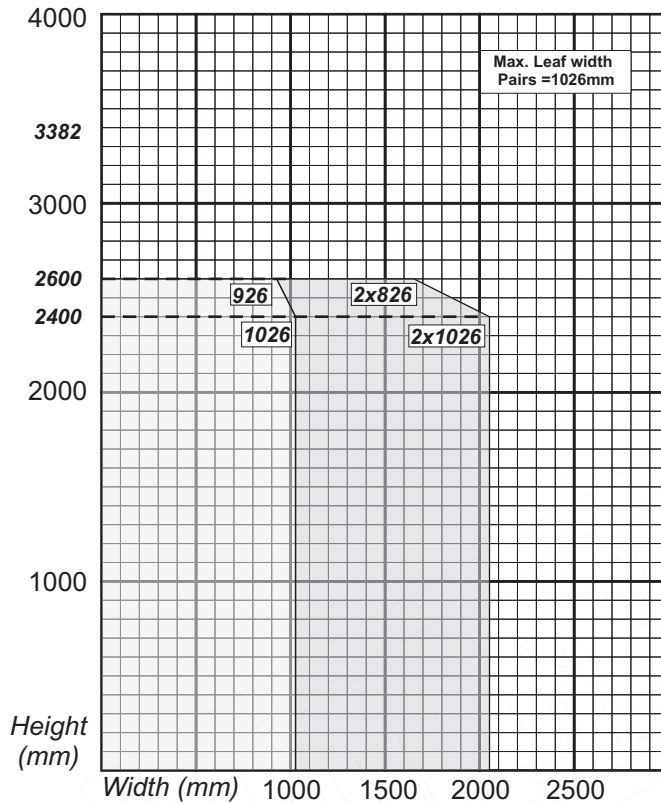


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**15x4 + 20x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

LATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2400	1026
	To	2600	926
Latched Single Action Double Door (LSADD)	From	2400	1026
	To	2600	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 20x4mm exposed and fitted centrally in the frame head. Jams: 1No. 15x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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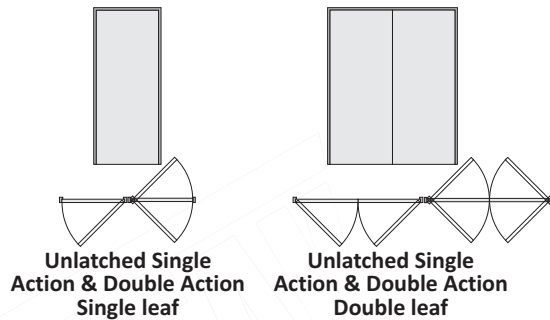
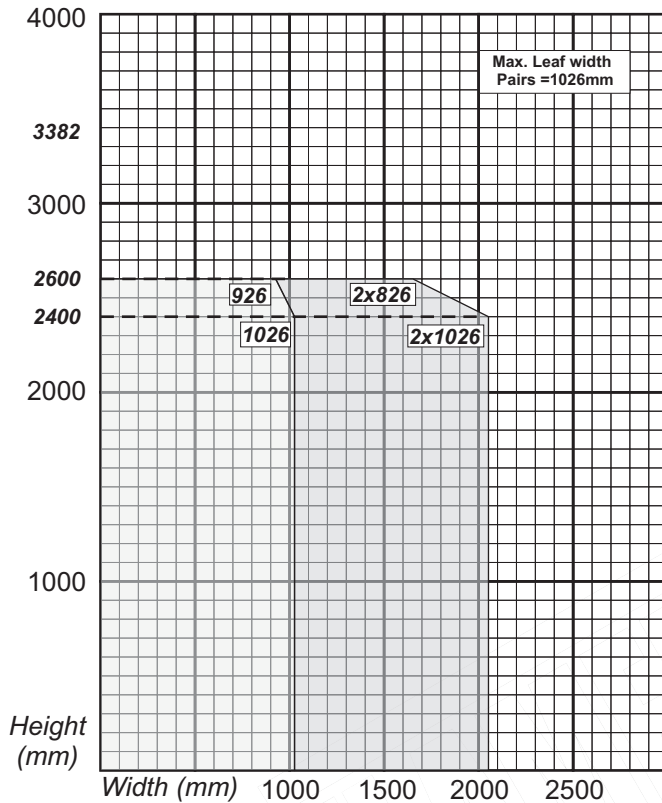


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**15x4 + 20x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

UNLATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2400	1026
	To	2600	926
Double Action Single Door (DASD)	From	2400	1026
	To	2600	926
Unlatched Single Action Double Door (ULSADD)	From	2400	1026
	To	2600	826
Double Action Double Door (DADD)	From	2400	1026
	To	2600	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 20x4mm exposed and fitted centrally in the frame head. Jamb: 1No. 15x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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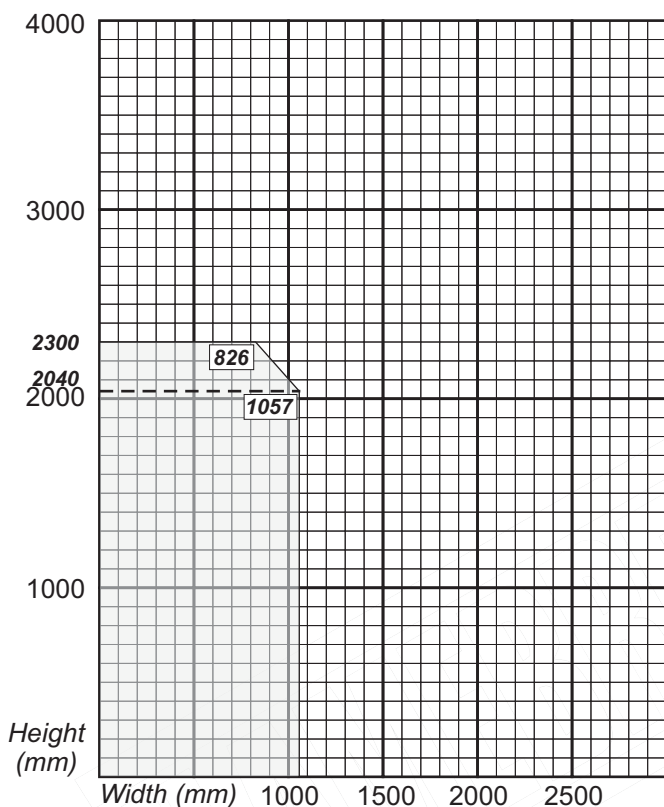
FLAMEBREAK

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10x4mm PVC encased Pyroplex Rigid Box seal

LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single Action Single leaf



Latched Single Action Single leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2040	1057
	To	2300	826
Latched Single Action Double Door (LSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m ³ Hardwood frames only.	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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Intumescent Seals 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 10x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 10x4mm exposed and centrally fitted to leaf or frame.
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2C.2

Fire Door Applications FLAMEBREAK FF630

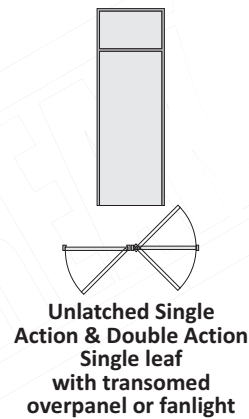
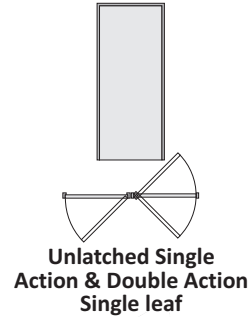
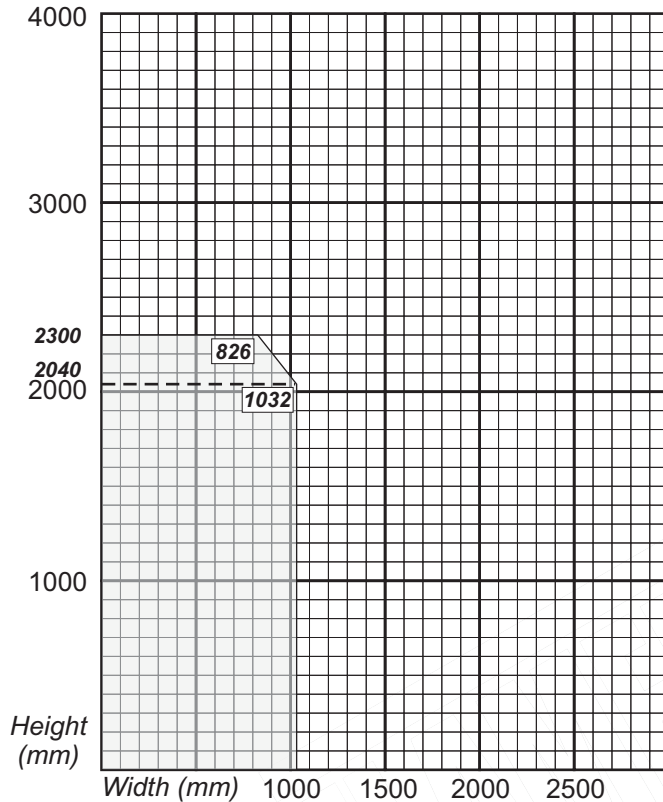


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10x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2040	1032
	To	2300	826
Double Action Single Door (DASD)	From	2040	1032
	To	2300	826
Unlatched Single Action Double Door (ULSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m ³ Hardwood frames only.	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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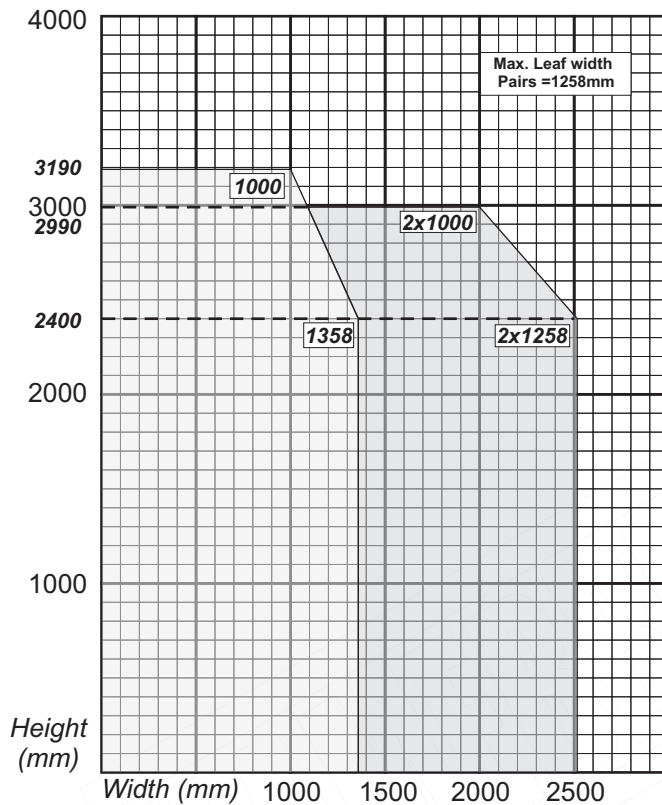
Intumescent Seals 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 10x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 10x4mm exposed and centrally fitted to leaf or frame.
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2No.10x4mm PVC encased Pyroplex Rigid Box seal

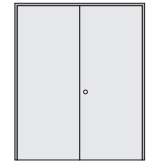


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



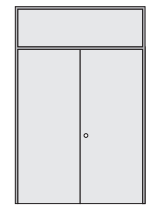
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2400	1358
	To	3190	1000
Latched Single Action Double Door (LSADD)	From	2400	1258
	To	2990	1000

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jams & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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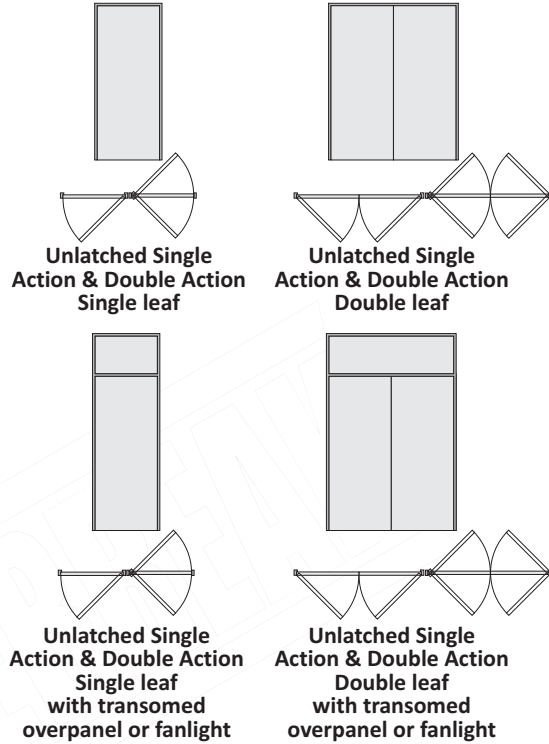
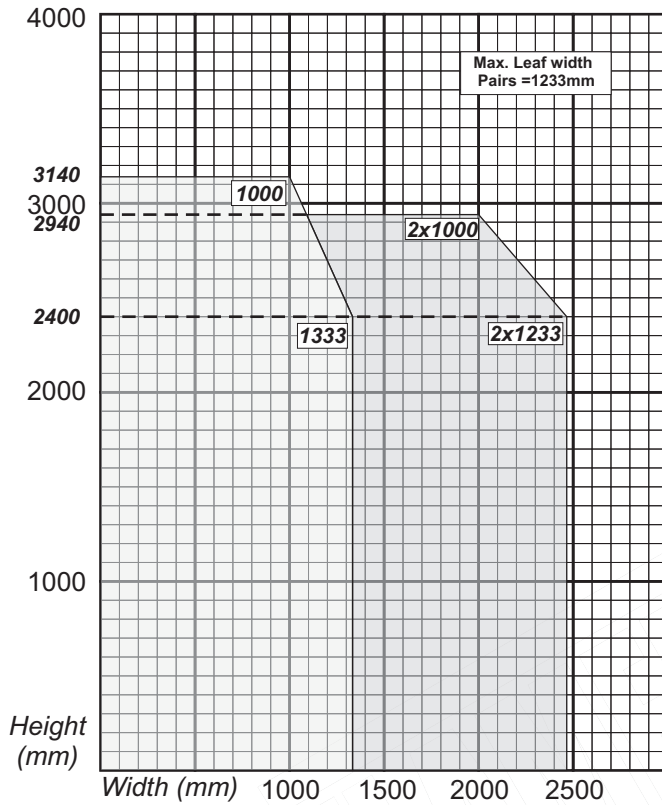
2No.10x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies

&

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2400	1333
	To	3140	1000
Double Action Single Door (DASD)	From	2400	1333
	To	3140	1000
Unlatched Single Action Double Door (ULSADD)	From	2400	1233
	To	2940	1000
Double Action Double Door (DADD)	From	2400	1233
	To	2940	1000

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

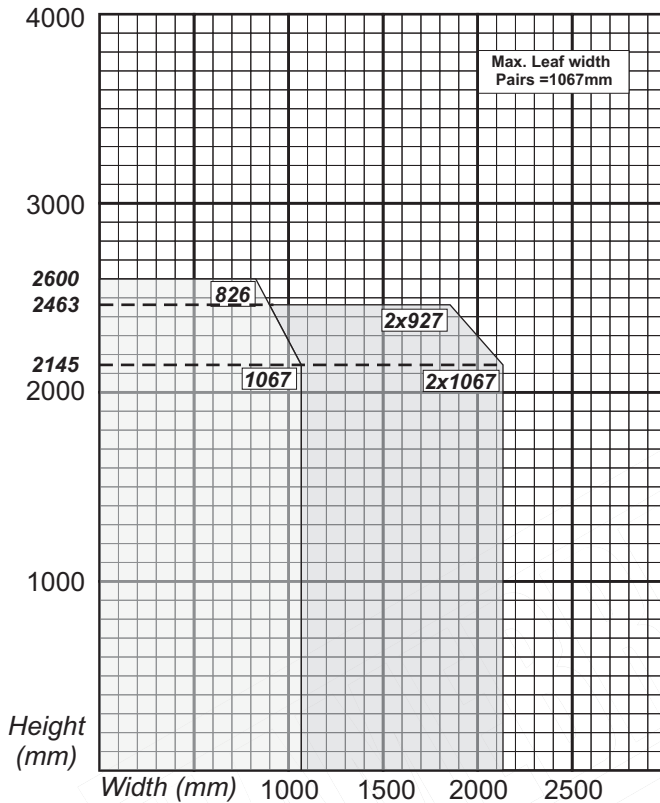
Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jams & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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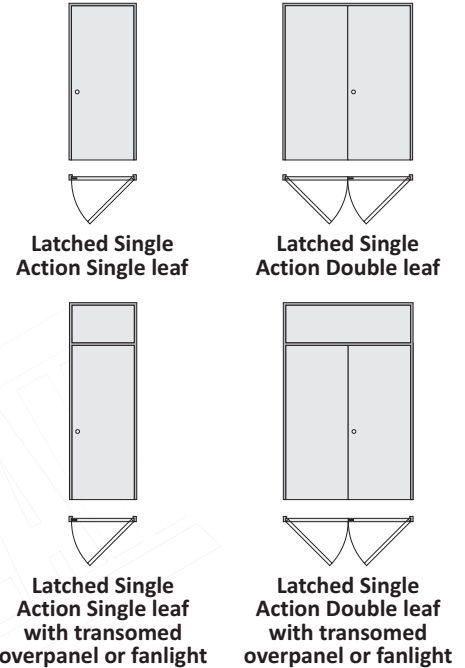
FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Pyroplex Rigid Box seal



LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2145	1067
	To	2600	826
Latched Single Action Double Door (LSADD)	From	2145	1067
	To	2463	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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2C.6

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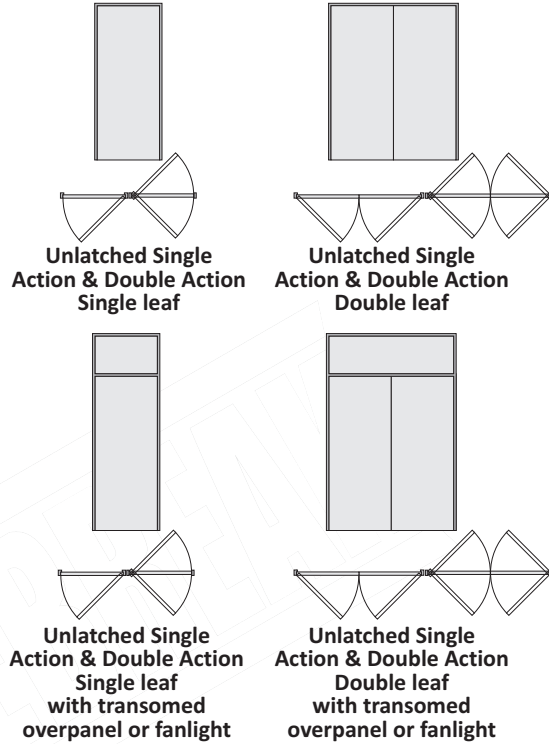
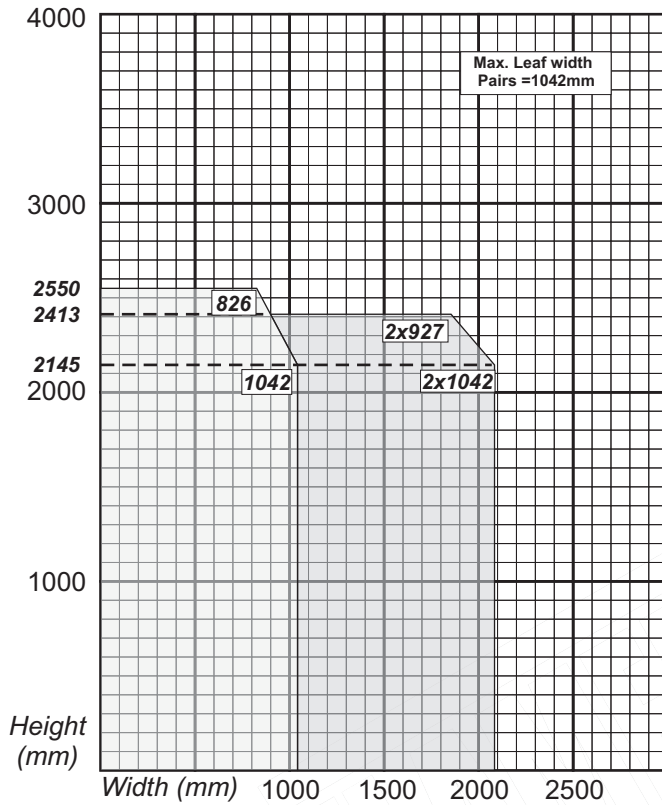
15x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies

&

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2145	1042
	To	2550	826
Double Action Single Door (DASD)	From	2145	1042
	To	2550	826
Unlatched Single Action Double Door (ULSADD)	From	2145	1042
	To	2413	927
Double Action Double Door (DADD)	From	2145	1042
	To	2413	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

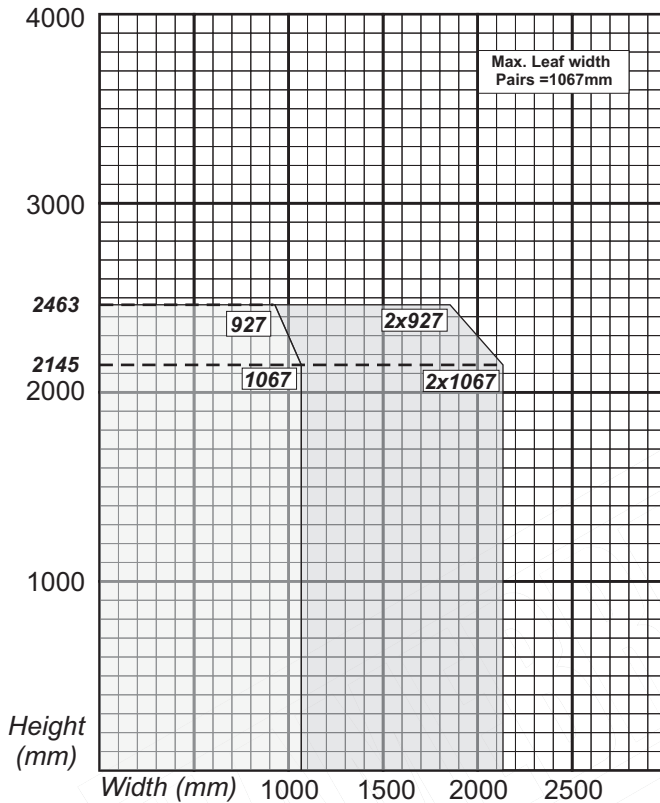
Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jamb's & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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20x4mm PVC encased Pyroplex Rigid Box seal

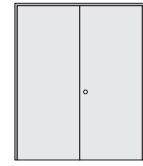


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



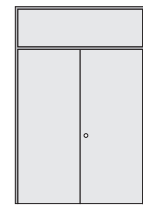
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2145	1067
	To	2463	927
Latched Single Action Double Door (LSADD)	From	2145	1067
	To	2463	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
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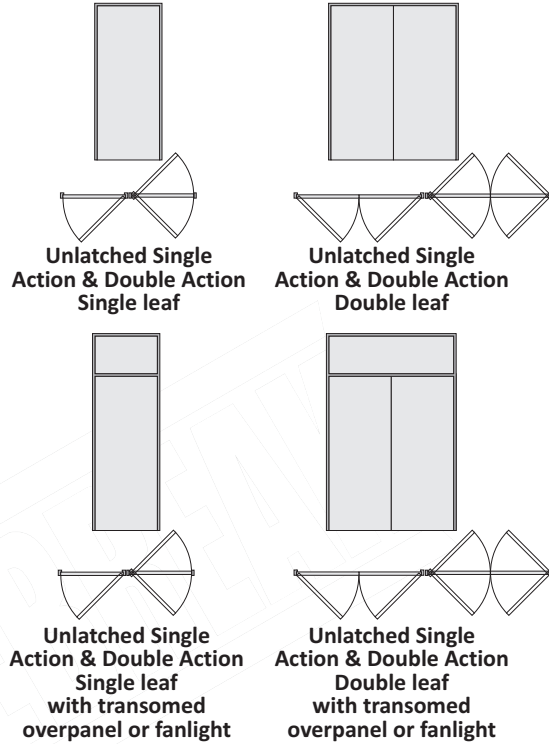
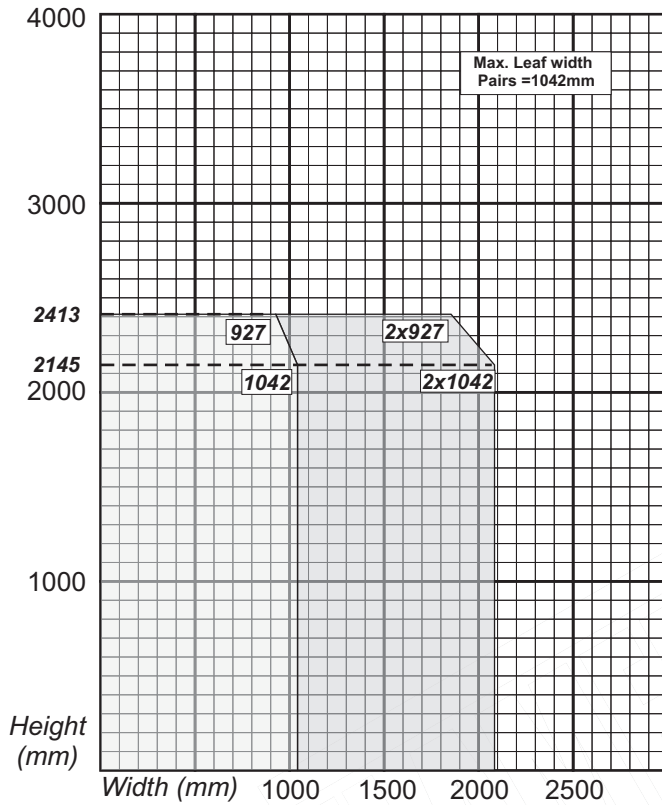
20x4mm PVC encased Pyroplex Rigid Box seal

UNLATCHED DOORSETS

Door Height Assemblies

&

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2145	1042
	To	2413	927
Double Action Single Door (DASD)	From	2145	1042
	To	2413	927
Unlatched Single Action Double Door (ULSADD)	From	2145	1042
	To	2413	927
Double Action Double Door (DADD)	From	2145	1042
	To	2413	927

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jambes & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: <i>NOT APPROVED.</i>
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Exova Warrington fire Report Ref: FEA/F98164 Rev. M Valid until 23rd. February 2023

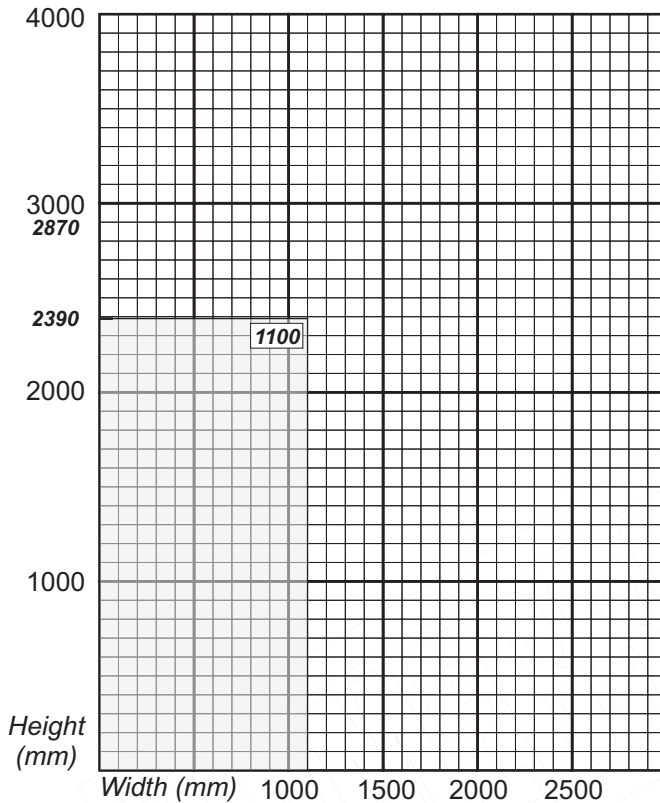


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**15x4mm PVC encased Palusol 100
or Lorient 617**

LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single
Action Single leaf



Latched Single
Action Single leaf
with transomed
overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From To	2390	1100
Latched Single Action Double Door (LSADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m² Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame.
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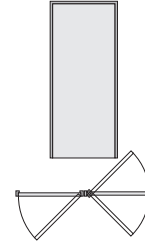
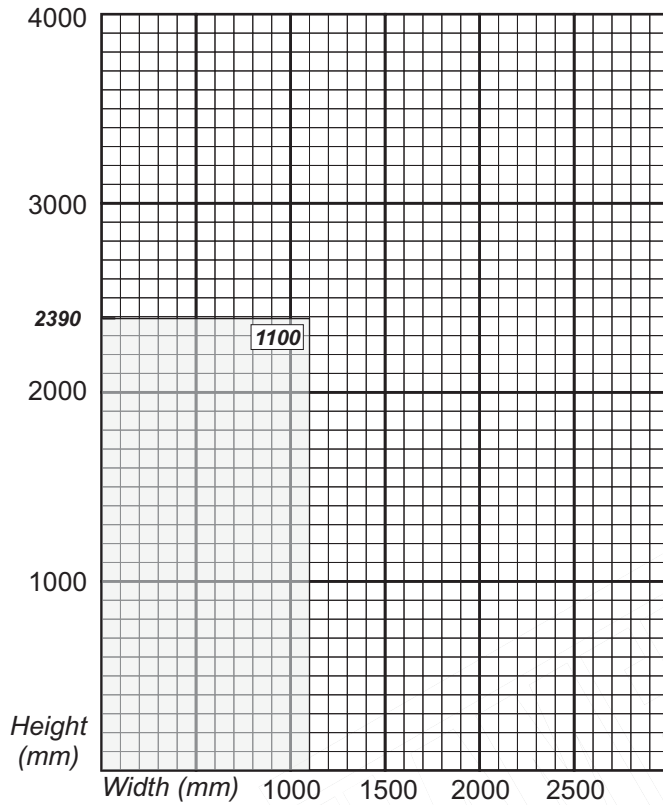


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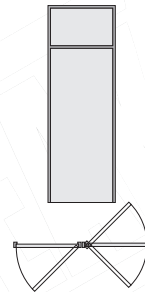
**15x4mm PVC encased Palusol 100
or Lorient 617**

UNLATCHED DOORSETS

**Door Height Assemblies
&
Storey Height Assemblies with Transom**



**Unlatched Single
Action & Double Action
Single leaf**



**Unlatched Single
Action & Double Action
Single leaf
with transomed
overpanel or fanlight**

Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From To	2390	1100
Double Action Single Door (DASD)	From To	2390	1100
Unlatched Single Action Double Door (ULSADD)	From To	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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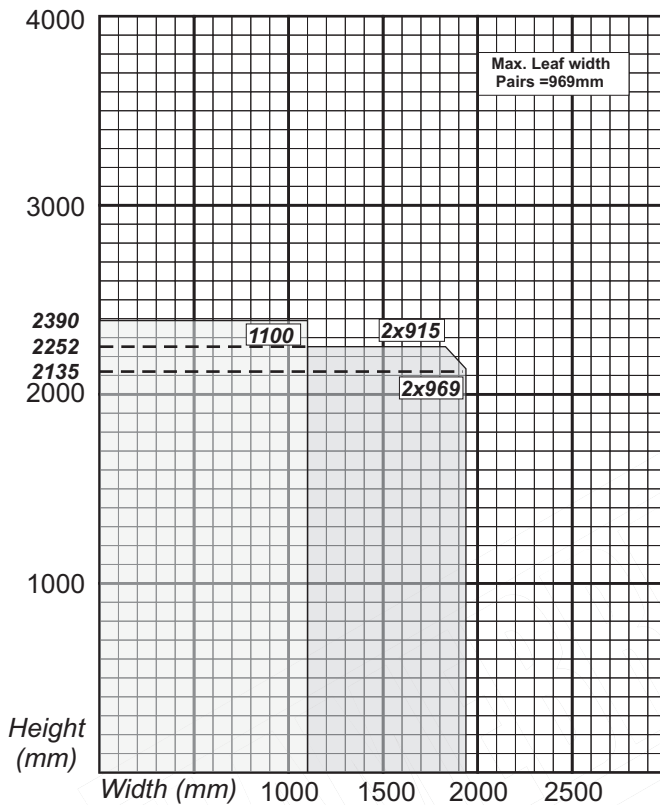
Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jamb's & Overpanel: 1No. 15x4mm exposed and fitted centrally in the leaf or frame.
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**20x4mm PVC encased Palusol 100
or Lorient 617**

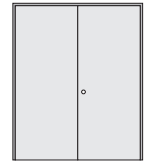


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



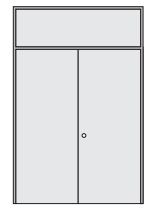
Latched Single
Action Single leaf



Latched Single
Action Double leaf



Latched Single
Action Single leaf
with transomed
overpanel or fanlight



Latched Single
Action Double leaf
with transomed
overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From To	2390	1100
Latched Single Action Double Door (LSADD)	From To	2135 2252	969 915

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 20x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.
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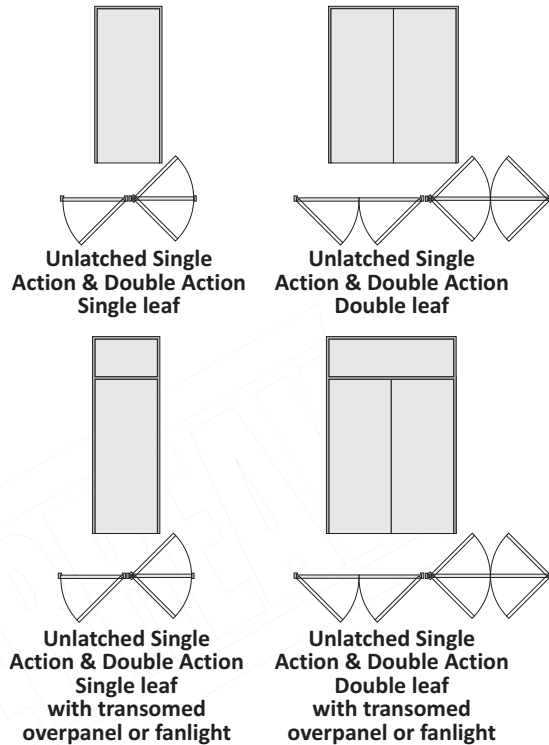
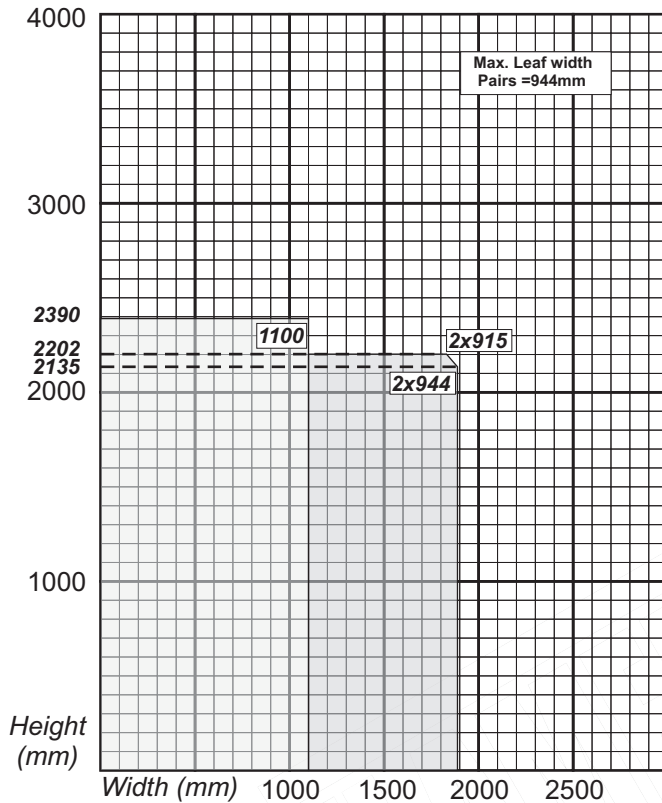
FD30 - BS476 Pt.22 :1987

**20x4mm PVC encased Palusol 100
or Lorient 617**

UNLATCHED DOORSETS

**Door Height Assemblies
&**

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2390	1100
	To		
Double Action Single Door (DASD)	From	2390	1100
	To		
Unlatched Single Action Double Door (ULSADD)	From	2135	944
	To		
Double Action Double Door (DADD)	From	2135	944
	To		

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

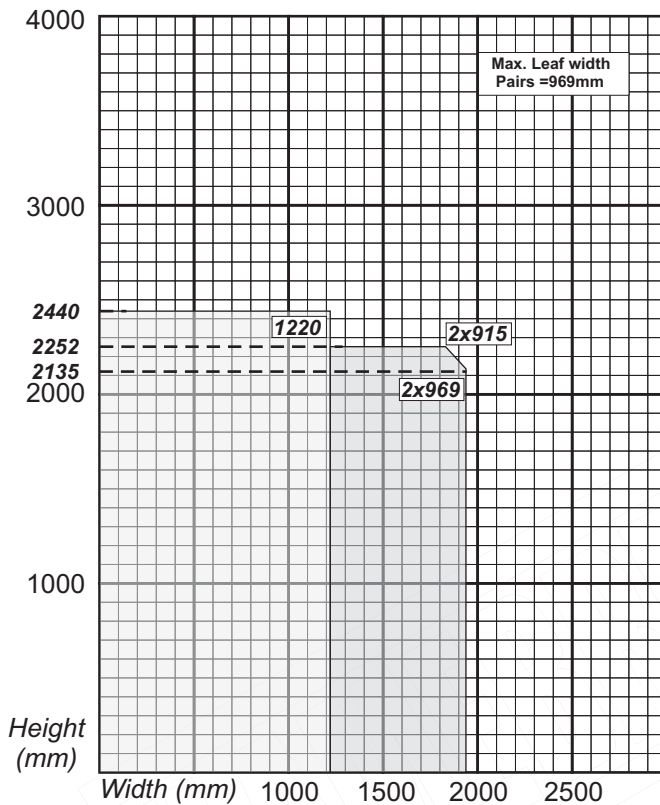
<p>Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height door assemblies (without transoms) only.</i></p>	<p>Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i></p>	<p>450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF</p>
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<p>Intumescent Seals 20x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 20x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.</p>
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**25x4mm PVC encased Palusol 100
or Lorient 617**

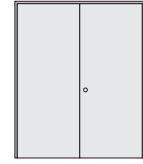


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



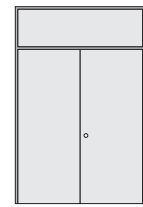
Latched Single
Action Single leaf



Latched Single
Action Double leaf



Latched Single
Action Single leaf
with transomed
overpanel or fanlight



Latched Single
Action Double leaf
with transomed
overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From To	2440	1220
Latched Single Action Double Door (LSADD)	From To	2135 2252	969 915

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 25x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 25x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 25x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.
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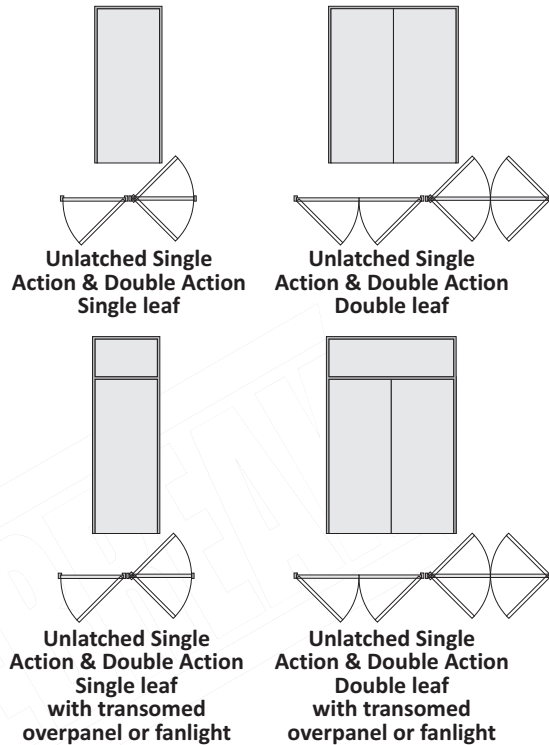
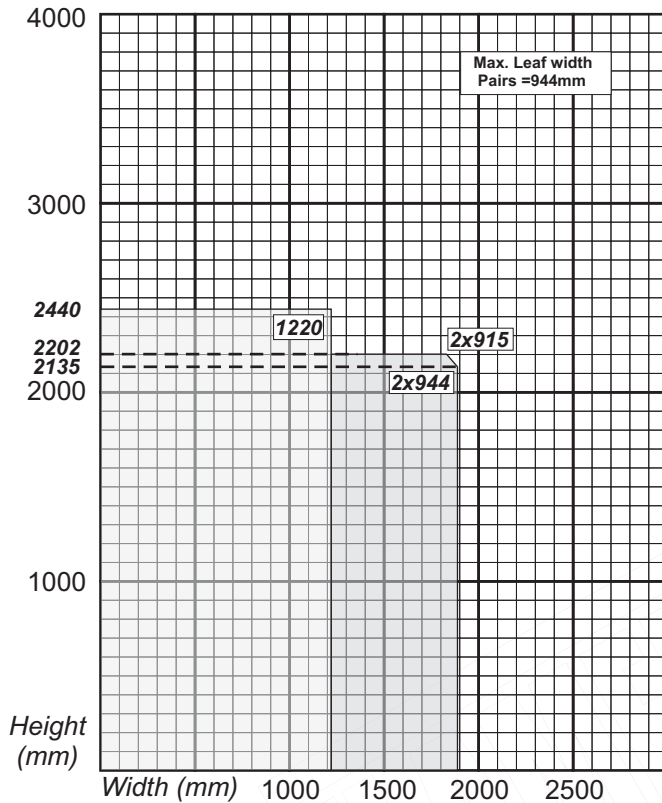
FD30 - BS476 Pt.22 :1987

**25x4mm PVC encased Palusol 100
or Lorient 617**

UNLATCHED DOORSETS

**Door Height Assemblies
&**

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2440	1220
	To		
Double Action Single Door (DASD)	From	2440	1220
	To		
Unlatched Single Action Double Door (ULSADD)	From	2135	944
	To		
Double Action Double Door (DADD)	From	2135	944
	To		
	From	2202	915
	To		

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	

Frame Specification <i>See Section 7 - Frames</i> NOTE: MDF frames are approved for door height door assemblies (without transoms) only.	Single leaf door assembly Double leaf door assembly NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.	450kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
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Intumescent Seals 25x4mm PVC encapsulated Palusol 100 or Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 25x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 1No. 20x4mm exposed and fitted centrally in the leaf or frame. Meeting edges: Square: 1No. 25x4mm exposed and fitted centrally in one leaf only. Rebated: 1No. 10x4mm exposed and fitted centrally in the rebate of both leaf edges.
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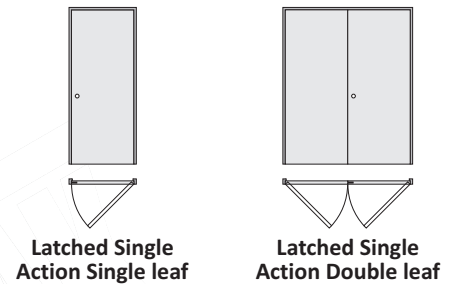
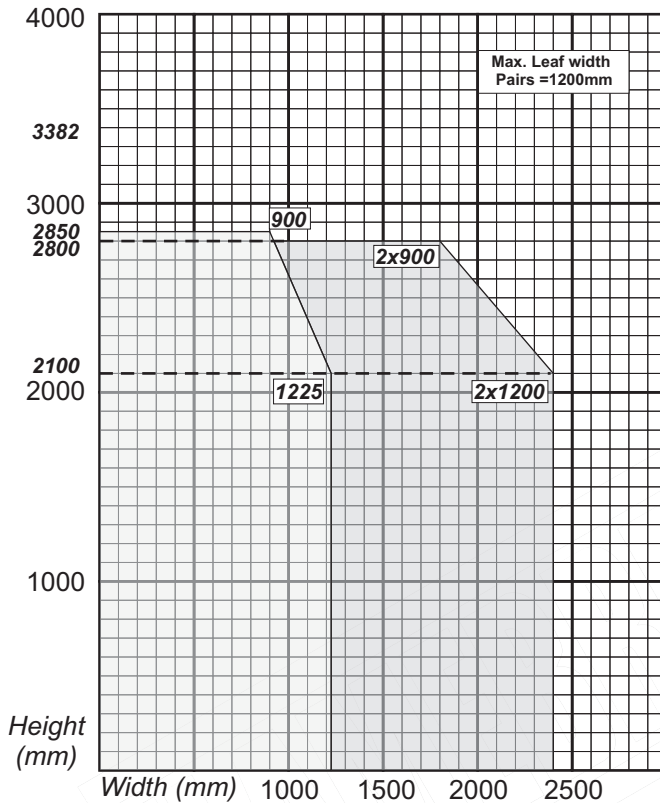


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**15x4mm PVC encased Lorient 617
 + Intregal CS Acrovyn intumescent**

LATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2100	1225
	To	2850	900
Latched Single Action Double Door (LSADD)	From	2100	1200
	To	2800	900

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	1.15m ²	Maximum Overpanel height	Single door doorset	NOT APPROVED
	Double door doorset			Double door doorset	

Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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Intumescent Seals 15x4mm PVC encapsulated Lorient 617 + Intregal CS Acrovyn Intumescent <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 15x4mm exposed and fitted centrally in the frame head. Jamb: 1No. 15x4mm exposed and fitted centrally in the leaf in addition to CS Acrovyn edge protectors with integral intumescents fitted on the leaf edges. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the CS Acrovyn edge protectors to both door leaf edges.
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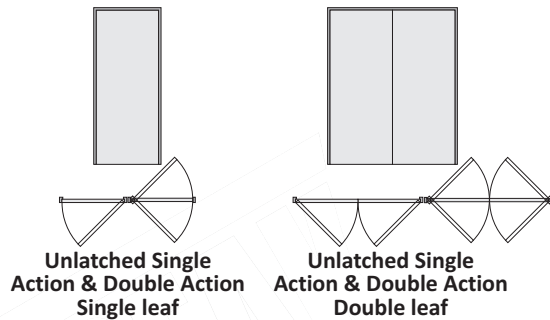
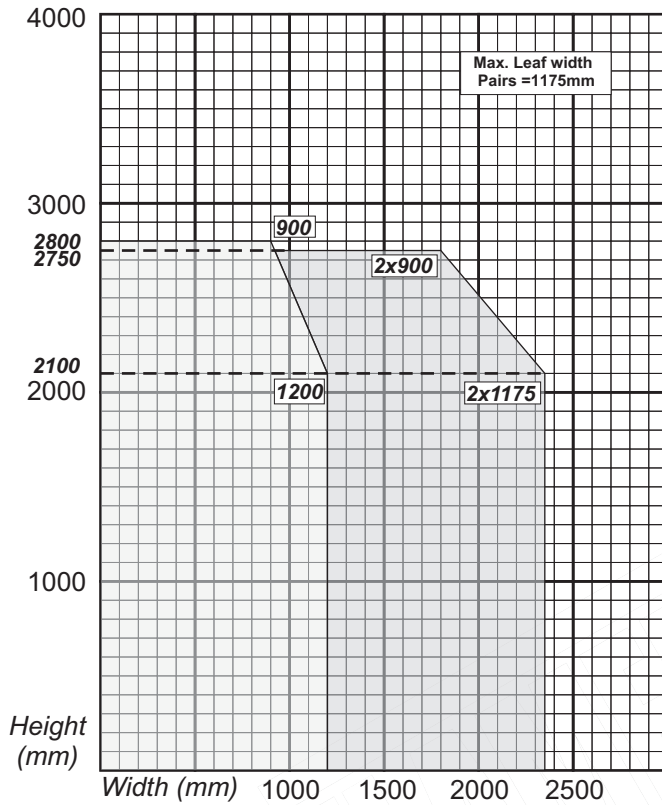


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**15x4mm PVC encased Lorient 617
 + Intregal CS Acrovyn intumescent**

UNLATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2100	1200
	To	2800	900
Double Action Single Door (DASD)	From	2100	1200
	To	2800	900
Unlatched Single Action Double Door (ULSADD)	From	2100	1175
	To	2750	900
Double Action Double Door (DADD)	From	2100	1175
	To	2750	900

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4mm PVC encapsulated Lorient 617 + Intregal CS Acrovyn Intumescent <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 15x4mm exposed and fitted centrally in the frame head. Jams : 1No. 15x4mm exposed and fitted centrally in the leaf in addition to CS Acrovyn edge protectors with integral intumescents fitted on the leaf edges. Meeting Stiles : 1No. 15x4mm exposed and fitted centrally in the CS Acrovyn edge protectors to both door leaf edges.</p>
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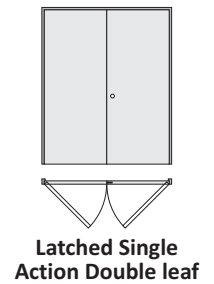
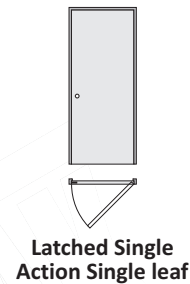
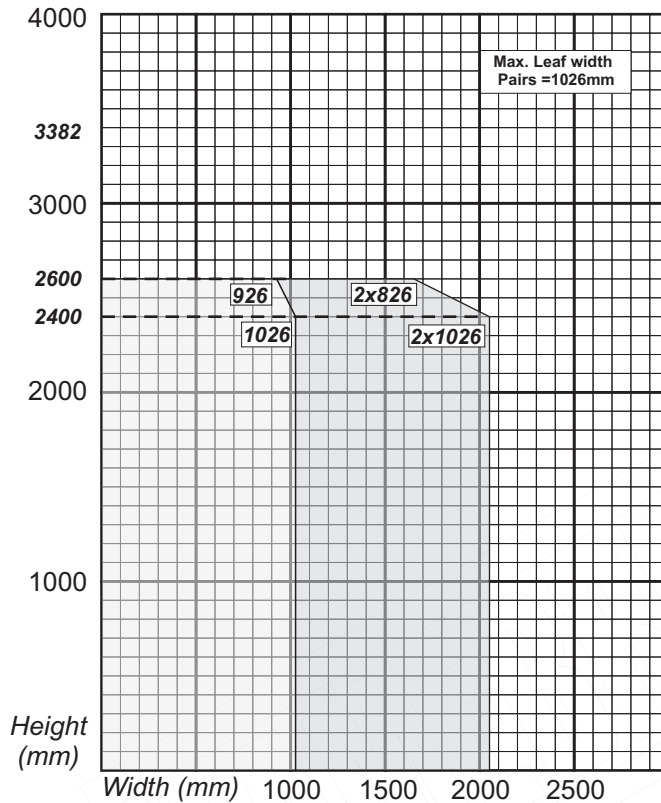


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**15x4 + 20x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

LATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2400	1026
	To	2600	926
Latched Single Action Double Door (LSADD)	From	2400	1026
	To	2600	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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<p>Intumescent Seals 15x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 20x4mm exposed and fitted centrally in the frame head. Jams: 1No. 15x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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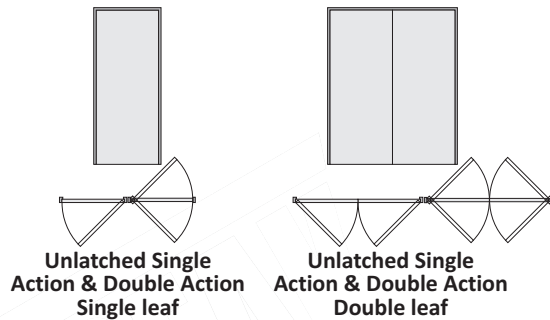
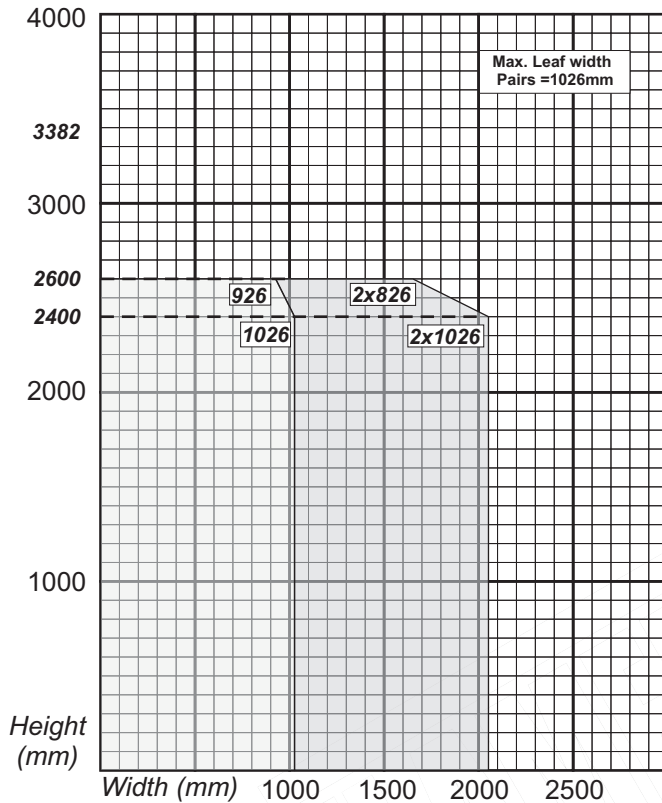


FD30 - BS476 Pt.22 :1987

**15x4 + 20x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

UNLATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2400	1026
	To	2600	926
Double Action Single Door (DASD)	From	2400	1026
	To	2600	926
Unlatched Single Action Double Door (ULSADD)	From	2400	1026
	To	2600	826
Double Action Double Door (DADD)	From	2400	1026
	To	2600	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly	450kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
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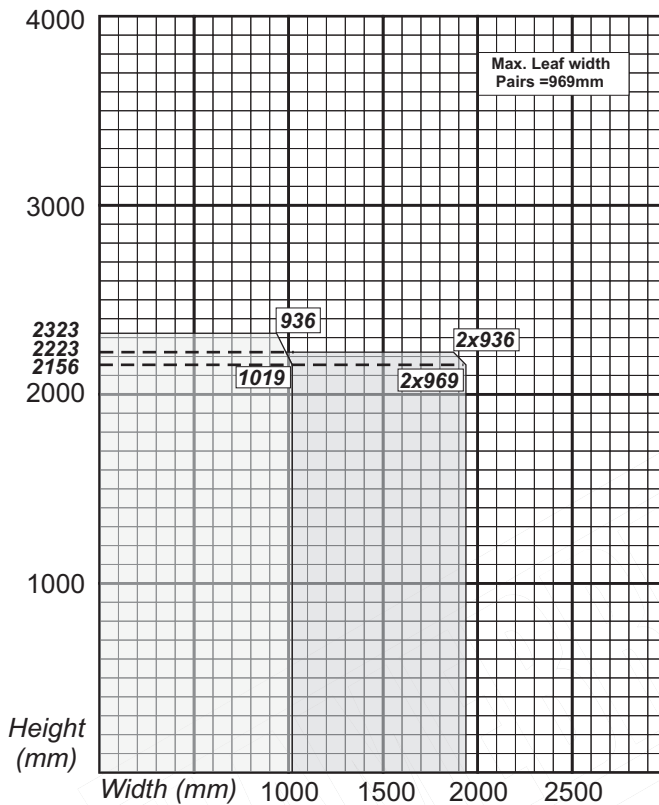
<p>Intumescent Seals 15x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 20x4mm exposed and fitted centrally in the frame head. Jamb: 1No. 15x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting Stiles: 1No. 15x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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FLAMEBREAK™

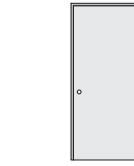
FD60 - BS476 Pt.22 :1987

2x15x4mm PVC encased Pyroplex Rigid Box seal - 5mm separation

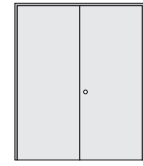


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



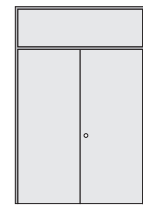
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2156	1019
	To	2323	936
Latched Single Action Double Door (LSADD)	From	2156	969
	To	2223	936

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	0.72m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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<p>Intumescent Seals 2x15x4mm PVC encapsulated with 5mm separation Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 2No. 15x4mm exposed and fitted centrally in the frame head with 5 mm separation. Jambs & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 5 mm separation. Meeting edges: Square: 2No. 15x4mm exposed and fitted centrally in one leaf only with 5mm separation. Rebated: <i>NOT APPROVED.</i></p>
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2D.2

Fire Door Applications FLAMEBREAK 660



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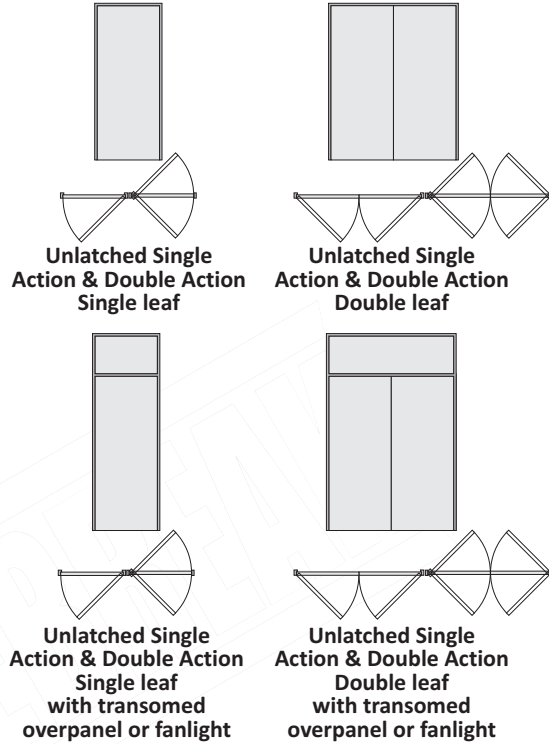
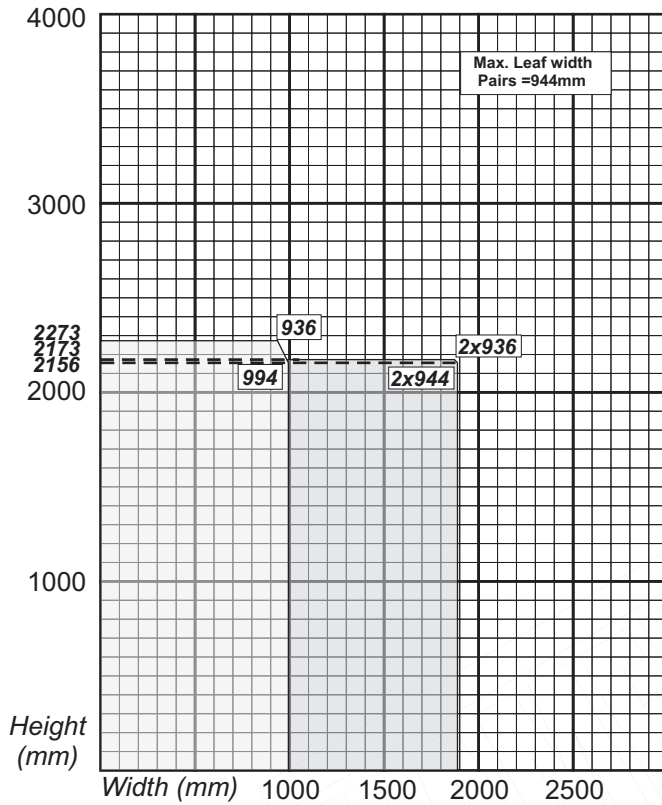
2x15x4mm PVC encased Pyroplex Rigid Box seal - 5mm separation

UNLATCHED DOORSETS

Door Height Assemblies

&

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2156	994
	To	2273	936
Double Action Single Door (DASD)	From	2156	994
	To	2273	936
Unlatched Single Action Double Door (ULSADD)	From	2156	944
	To	2173	936
Double Action Double Door (DADD)	From	2156	944
	To	2173	936

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	0.72m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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Intumescent Seals 2x15x4mm PVC encapsulated with 5mm separation Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 15x4mm exposed and fitted centrally in the frame head with 5 mm separation. Jamb & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 5 mm separation. Meeting edges: Square: 2No. 15x4mm exposed and fitted centrally in one leaf only with 5mm separation. Rebated: <i>NOT APPROVED.</i>
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Exova Warrington fire Report Ref: FEA/F02141Rev. J Valid until 23rd. February 2023

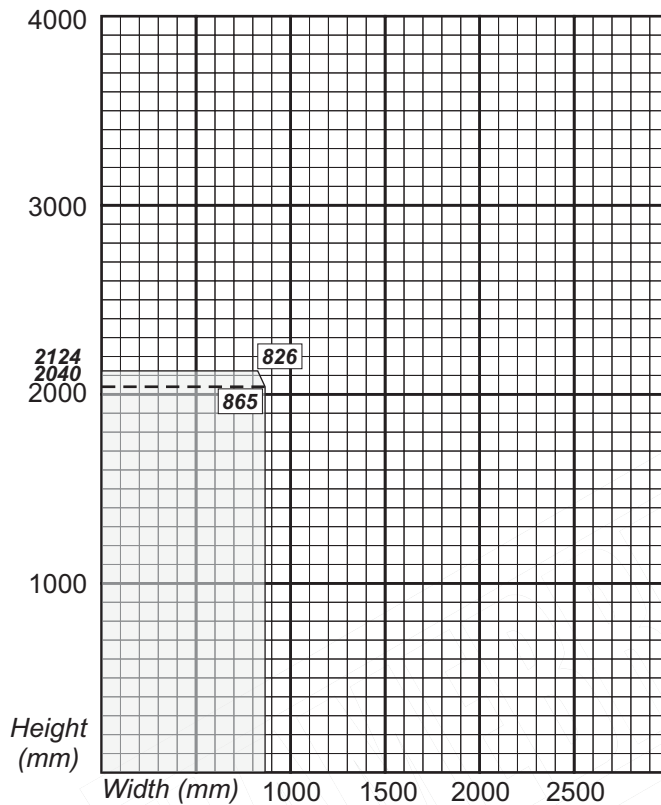


FD60 - BS476 Pt.22 :1987

2x15x4mm PVC encased Pyroplex Rigid Box seal - 10mm separation

LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single Action Single leaf



Latched Single Action Single leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2040	865
	To	2124	826
Latched Single Action Double Door (LSADD)	From	NOT APPROVED	NOT APPROVED
	To		

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	0.72m ²	Maximum Overpanel height	Single door doorset	2000mm N/A
	Double door doorset			Double door doorset	

Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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<p>Intumescent Seals 2x15x4mm PVC encapsulated with 10mm separation Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 2No. 15x4mm exposed and fitted centrally in the frame head with 10 mm separation. Jams & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 10 mm separation.</p>
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2D.4

Fire Door Applications FLAMEBREAK 660

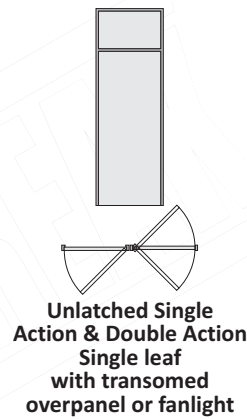
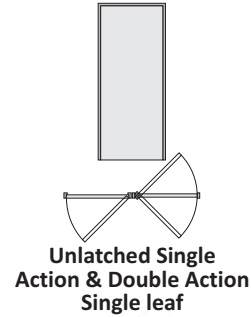
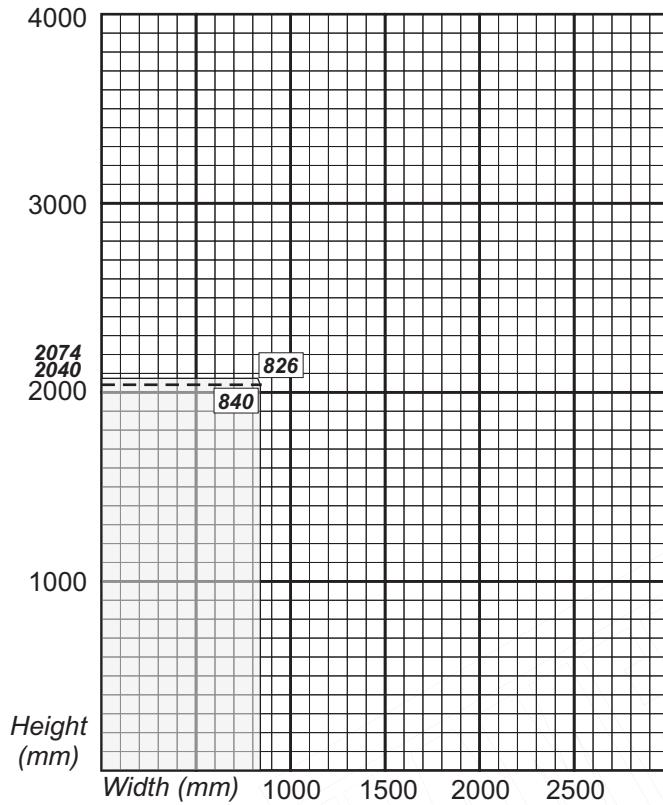


FD60 - BS476 Pt.22 :1987

2x15x4mm PVC encased Pyroplex Rigid Box seal - 10mm separation

UNLATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2040	840
	To	2074	826
Double Action Single Door (DASD)	From	2040	840
	To	2074	826
Unlatched Single Action Double Door (ULSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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Intumescent Seals 2x15x4mm PVC encapsulated with 10mm separation Pyroplex Rigid Box <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 15x4mm exposed and fitted centrally in the frame head with 10 mm separation. Jamb & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 10 mm separation.
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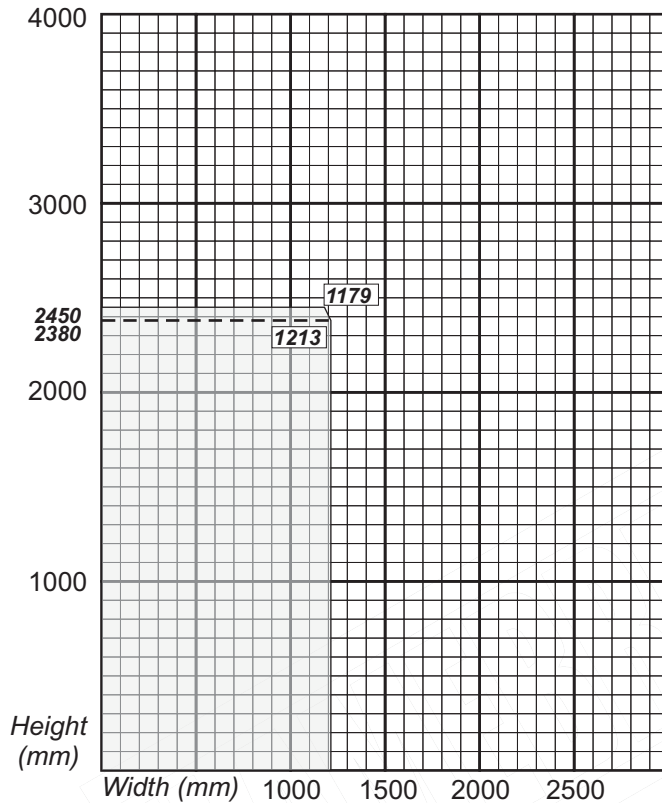


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2x15x4mm PVC encased Mann McGowan Pyrostrip 500P - 10mm separation

LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single Action Single leaf



Latched Single Action Single leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2380	1213
	To	2450	1179
Latched Single Action Double Door (LSADD)	From	NOT APPROVED	NOT APPROVED
	To		

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	0.72m ²	Maximum Overpanel height	Single door doorset	2000mm N/A
	Double door doorset			Double door doorset	

Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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Intumescent Seals 2x15x4mm PVC encapsulated with 10mm separation Mann McGowan Pyrostrip 500P <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 15x4mm exposed and fitted centrally in the leaf frame head with 10 mm separation. Jamb & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 10 mm separation.
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2D.6

Fire Door Applications FLAMEBREAK 660

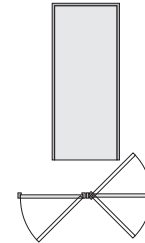
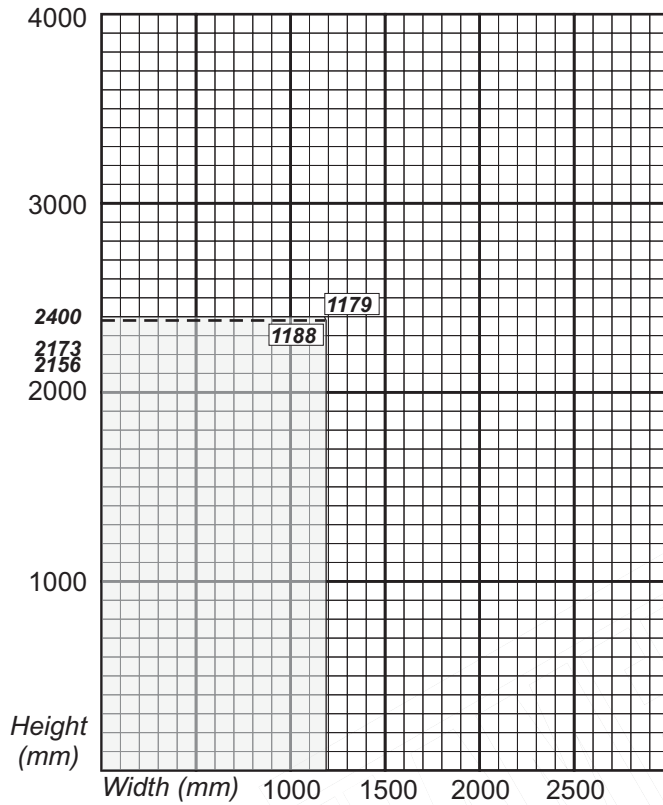


FD60 - BS476 Pt.22 :1987

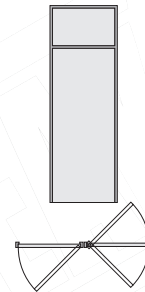
2x15x4mm PVC encased Mann McGowan Pyrostrip 500P - 10mm separation

UNLATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Unlatched Single Action & Double Action Single leaf



Unlatched Single Action & Double Action Single leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2380	1188
	To	2400	1179
Double Action Single Door (DASD)	From	2380	1188
	To	2400	1179
Unlatched Single Action Double Door (ULSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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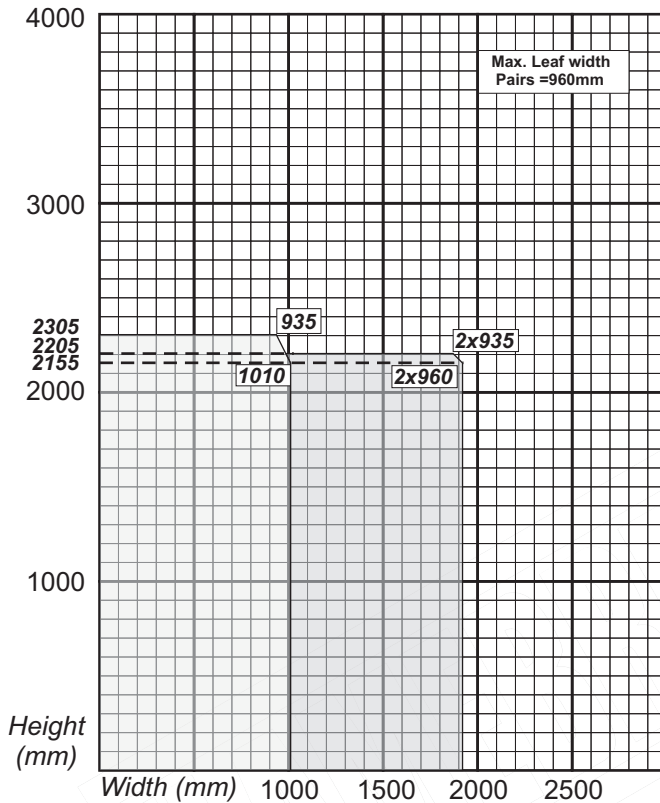
Intumescent Seals 2x15x4mm PVC encapsulated with 10mm separation Mann McGowan Pyrostrip 500P <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 15x4mm exposed and fitted centrally in the frame head with 10 mm separation. Jams & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 10 mm separation.
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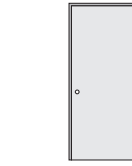
FD60 - BS476 Pt.22 :1987

2x15x4mm PVC encased Mann McGowan Pyrostrip 500P - 10mm separation + 30x4

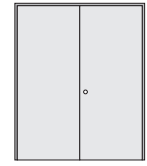


LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



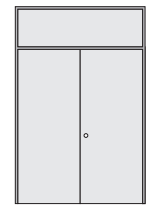
Latched Single Action Single leaf



Latched Single Action Double leaf



Latched Single Action Single leaf with transomed overpanel or fanlight



Latched Single Action Double leaf with transomed overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2155	1010
	To	2305	935
Latched Single Action Double Door (LSADD)	From	2155	960
	To	2205	935

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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Intumescent Seals 2x15x4mm PVC encapsulated with 10mm separation + 30x4 at head only. Mann McGowan Pyrostrip 500P <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jams & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 10mm separation. Meeting edges: Square: 2No. 15x4mm exposed and fitted centrally in one leaf only with 8mm separation. Rebated: NOT APPROVED.
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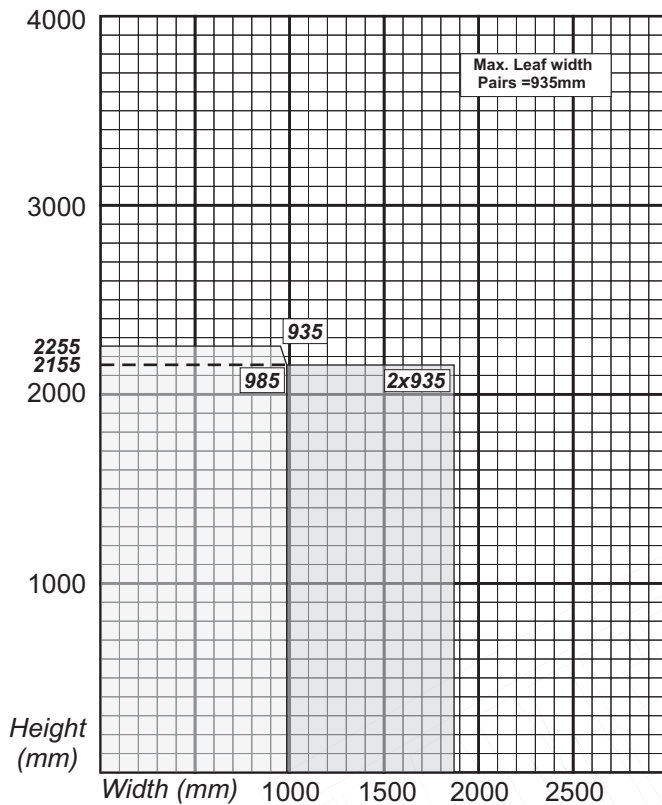
2D.8

Fire Door Applications FLAMEBREAK 660



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2x15x4mm PVC encased Mann McGowan Pyrostrip 500P - 10mm separation + 30x4

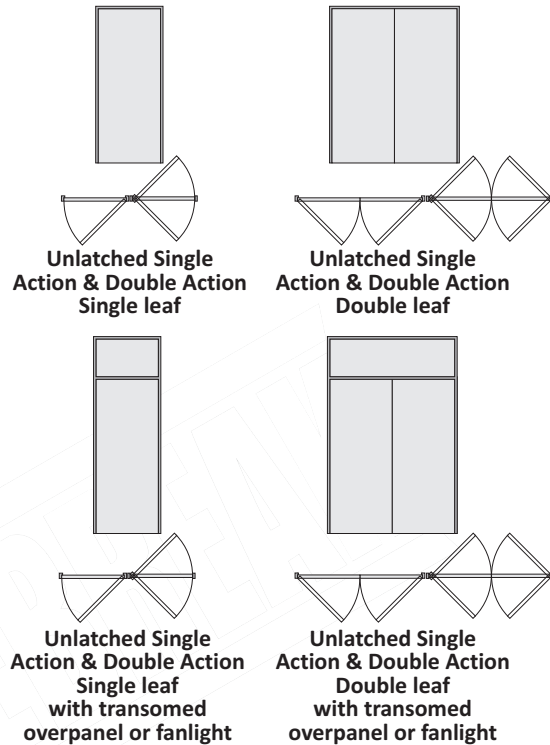


UNLATCHED DOORSETS

Door Height Assemblies

&

Storey Height Assemblies with Transom



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2155	985
	To	2255	935
Double Action Single Door (DASD)	From	2155	985
	To	2255	935
Unlatched Single Action Double Door (ULSADD)	From	2155	935
	To	2155	935
Double Action Double Door (DADD)	From	2155	935
	To	2155	935

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	0.72m ²	Maximum Overpanel height	Single door doorset	2000mm
	Double door doorset			Double door doorset	1500mm

Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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Intumescent Seals 2x15x4mm PVC encapsulated with 10mm separation + 30x4 at head only. Mann McGowan Pyrostrip 500P <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jamb & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 10mm separation. Meeting edges: Square: 2No. 15x4mm exposed and fitted centrally in one leaf only with 8mm separation. Rebated: NOT APPROVED.
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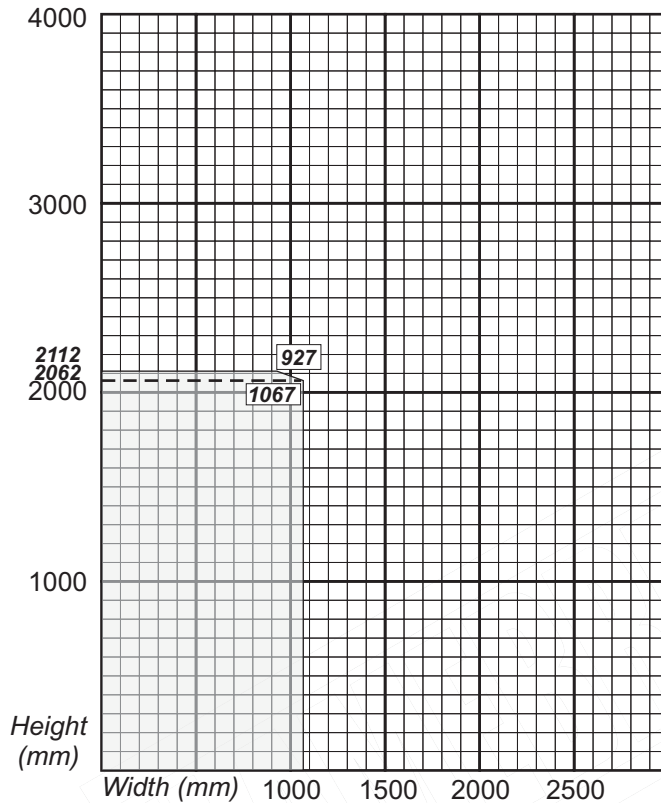


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**2x15x4mm PVC encased Lorient 617
- 10mm separation + 30x4**

LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single
Action Single leaf



Latched Single
Action Single leaf
with transomed
overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2062	1067
	To	2112	927
Latched Single Action Double Door (LSADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset	0.72m ²	Maximum Overpanel height	Single door doorset	2000mm N/A
	Double door doorset			Double door doorset	

Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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<p>Intumescent Seals 2x15x4mm PVC encapsulated with 10mm separation + 30x4 at head only. Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jams & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 10mm separation.</p>
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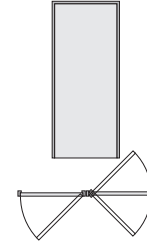
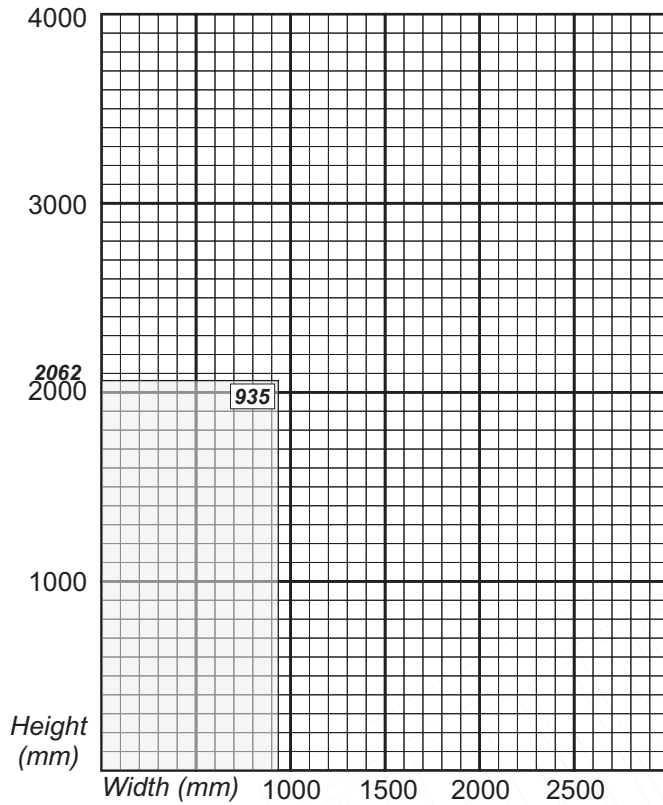


FD60 - BS476 Pt.22 :1987

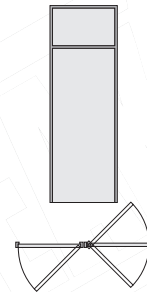
**2x15x4mm PVC encased Lorient 617
- 10mm separation + 30x4**

UNLATCHED DOORSETS

**Door Height Assemblies
&
Storey Height Assemblies with Transom**



**Unlatched Single
Action & Double Action
Single leaf**



**Unlatched Single
Action & Double Action
Single leaf
with transomed
overpanel or fanlight**

Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From To	2062	935
Double Action Single Door (DASD)	From To	2062	935
Unlatched Single Action Double Door (ULSADD)	From To	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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Intumescent Seals 2x15x4mm PVC encapsulated with 10mm separation + 30x4 at head only. Lorient 617 <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jamb & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 10mm separation.
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Exova Warrington fire Report Ref: FEA/F02141Rev. J Valid until 23rd. February 2023

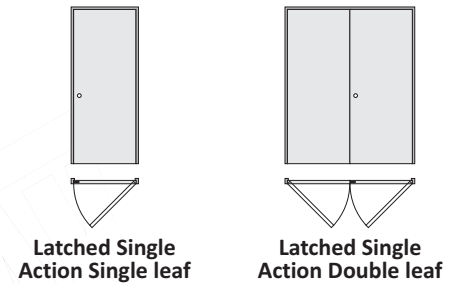
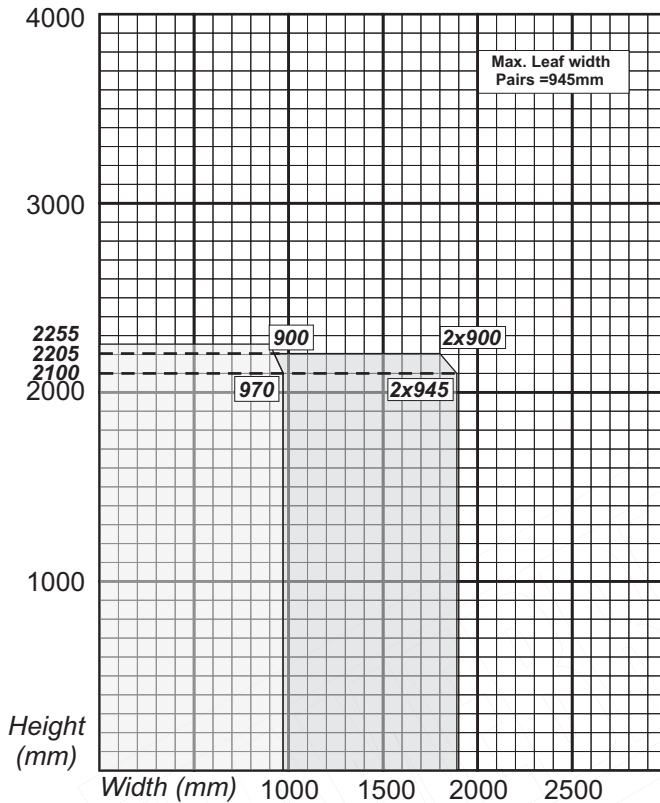


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**2x15x4mm PVC encased Lorient 617
 + Intregal CS Acrovyn intumescent**

LATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2100	970
	To	2255	900
Latched Single Action Double Door (LSADD)	From	2100	945
	To	2205	900

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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<p>Intumescent Seals 2x15x4mm PVC encapsulated Lorient 617 + Intregal CS Acrovyn Intumescent <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 2No. 15x4mm exposed and fitted centrally in the frame head with 10mm separation. Jambs: 2No. 15x4mm exposed and fitted centrally in the frame with 10mm separation in addition to the integral intumescents in the CS Acrovyn edge protectors. Meeting edges: Square: 1No. 15x4mm exposed and fitted centrally in the CS Acrovyn edge protector to both door leaves.</p>
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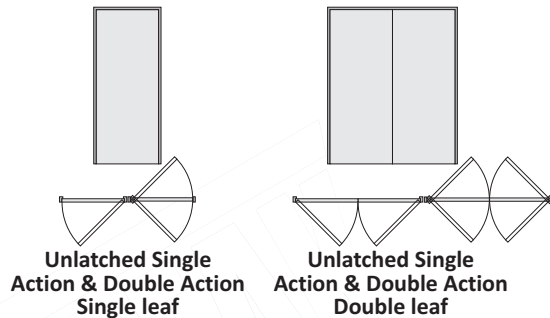
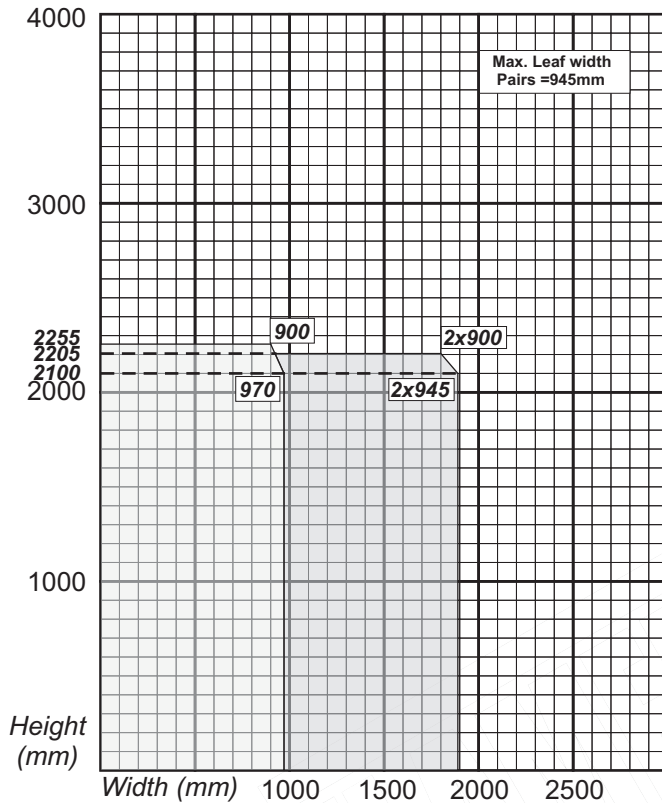


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**2x15x4mm PVC encased Lorient 617
 + Integral CS Acrovyn intumescent**

UNLATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2100	970
	To	2255	900
Double Action Single Door (DASD)	From	2100	970
	To	2255	900
Unlatched Single Action Double Door (ULSADD)	From	2100	945
	To	2205	900
Double Action Double Door (DADD)	From	2100	945
	To	2205	900

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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Intumescent Seals 2x15x4mm PVC encapsulated Lorient 617 + Integral CS Acrovyn Intumescent <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 15x4mm exposed and fitted centrally in the frame head with 10mm separation. Jams & Overpanel: 2No. 15x4mm exposed and fitted centrally in the frame with 10mm separation in addition to the integral intumescents in the CS Acrovyn edge protectors. Meeting edges: Square: 1No. 15x4mm exposed and fitted centrally in one the CS Acrovyn edge protector in both door leaves.
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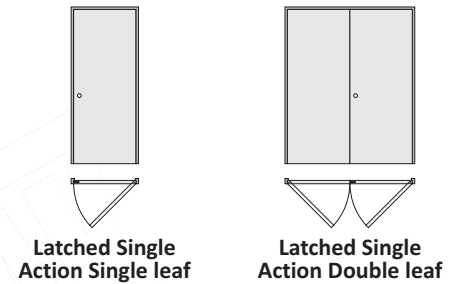
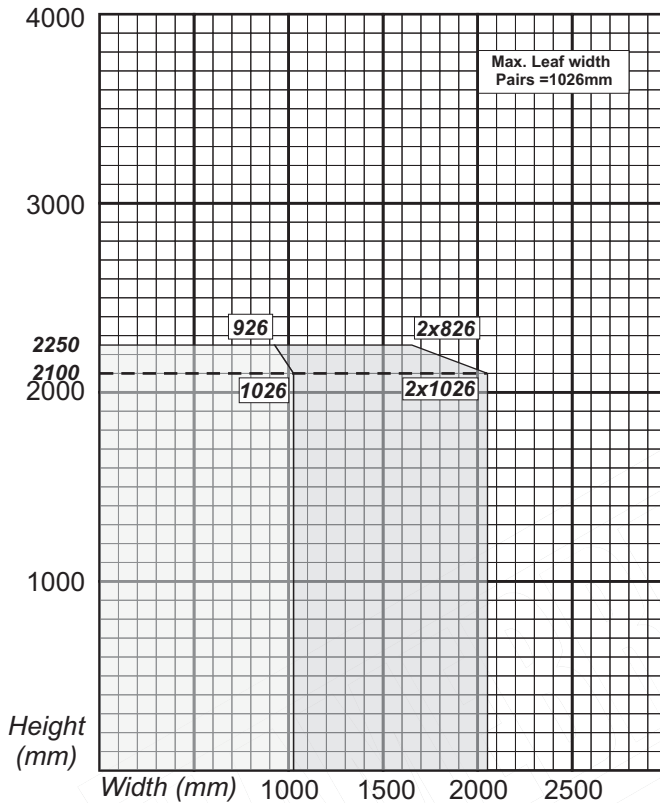


FD60 - BS476 Pt.22 :1987

**2x15x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

LATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2100	1026
	To	2250	926
Latched Single Action Double Door (LSADD)	From	2100	1026
	To	2250	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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<p>Intumescent Seals 2x15x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 2No. 15x4mm exposed and fitted centrally in the frame head with 10mm separation. Jams: 1No. 20x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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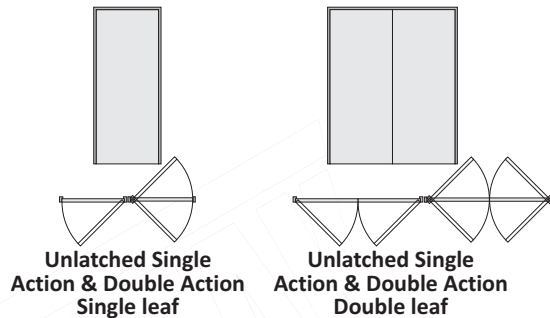
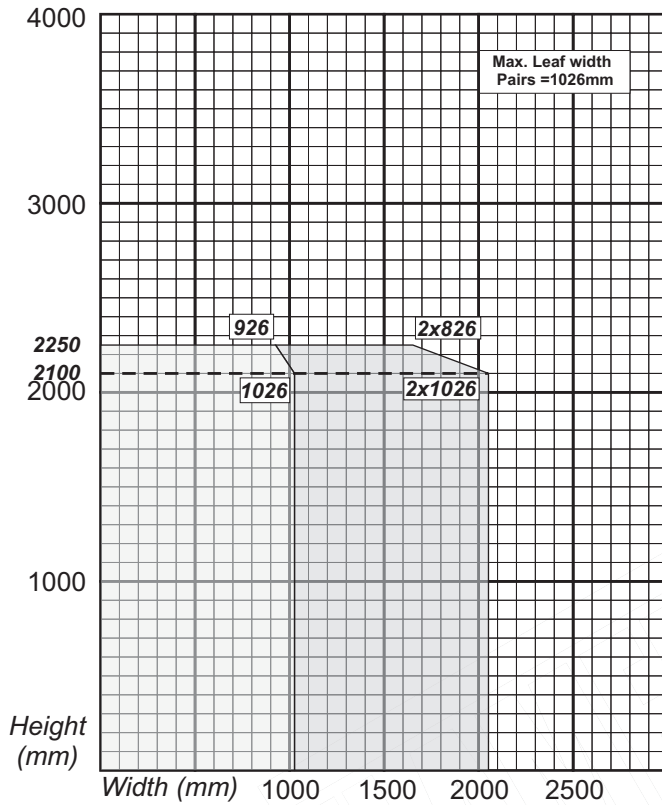


FD60 - BS476 Pt.22 :1987

**2x15x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

UNLATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2100	1026
	To	2250	926
Double Action Single Door (DASD)	From	2100	1026
	To	2250	926
Unlatched Single Action Double Door (ULSADD)	From	2100	1026
	To	2250	826
Double Action Double Door (DADD)	From	2100	1026
	To	2250	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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<p>Intumescent Seals 2x15x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 2No. 15x4mm exposed and fitted centrally in the frame head with 10mm separation. Jamb: 1No. 20x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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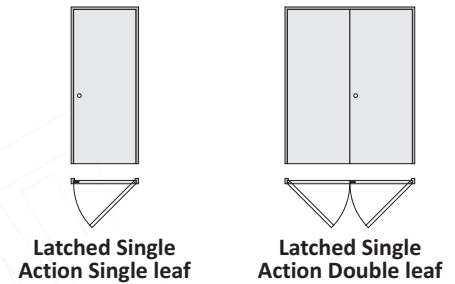
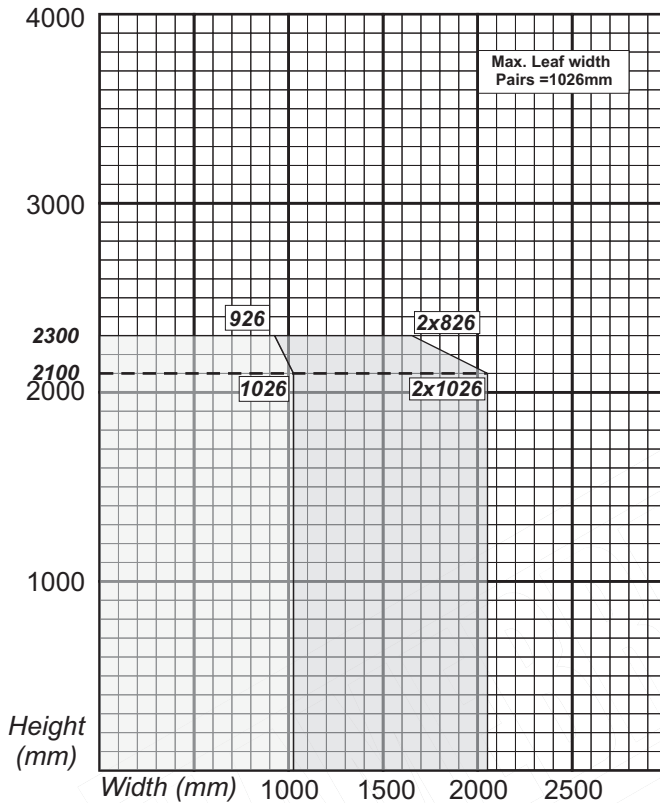


FD60 - BS476 Pt.22 :1987

**2x20x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

LATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2100	1026
	To	2300	926
Latched Single Action Double Door (LSADD)	From	2100	1026
	To	2300	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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<p>Intumescent Seals 2x20x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 2No. 20x4mm exposed and fitted centrally in the frame head with 5mm separation. Jams: 1No. 20x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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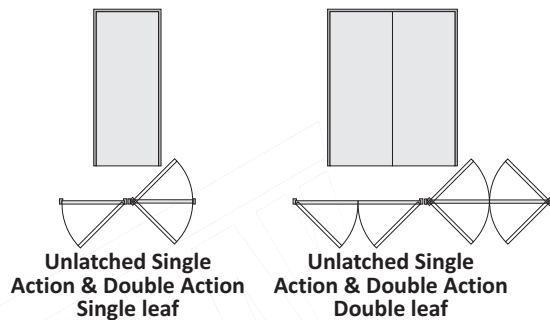
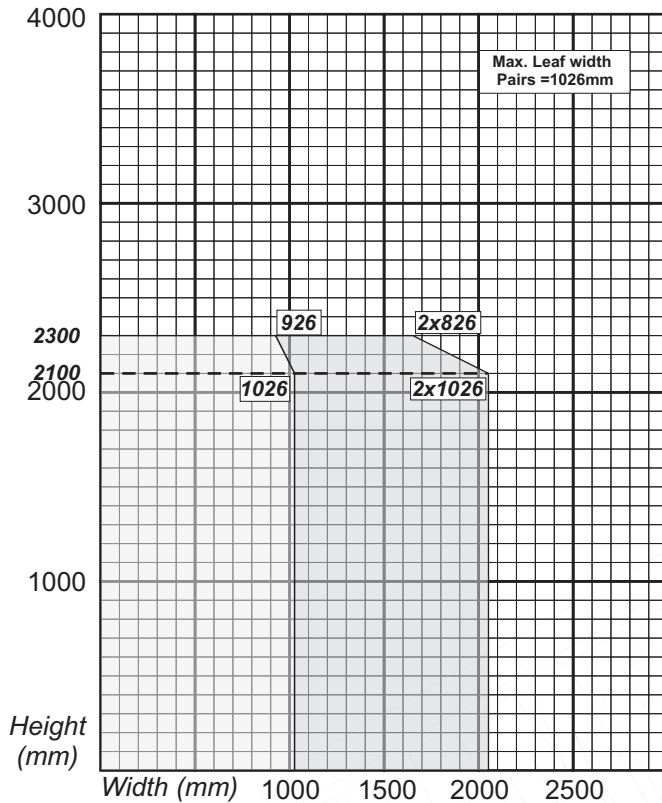


FD60 - BS476 Pt.22 :1987

**2x20x4mm PVC encased Lorient 617
 +Yeoman Shield Door Edge Protector**

UNLATCHED DOORSETS

Door Height Assemblies



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2100	1026
	To	2300	926
Double Action Single Door (DASD)	From	2100	1026
	To	2300	926
Unlatched Single Action Double Door (ULSADD)	From	2100	1026
	To	2300	826
Double Action Double Door (DADD)	From	2100	1026
	To	2300	826

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	NOT APPROVED
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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<p>Intumescent Seals 2x20x4 + 20x4mm PVC encapsulated Lorient 617 +Yeoman Shield Door Edge Protector</p> <p><i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i></p>	<p>Head: 2No. 20x4mm exposed and fitted centrally in the frame head with 10mm separation. Jamb: 1No. 20x4mm fitted centrally in the Yeoman Shield / Lorient PVCu door edge protector. Meeting edges: Square: 1No. 20x4mm exposed and fitted centrally in the Yeoman Shield / Lorient edge protectors to both door leaf edges.</p>
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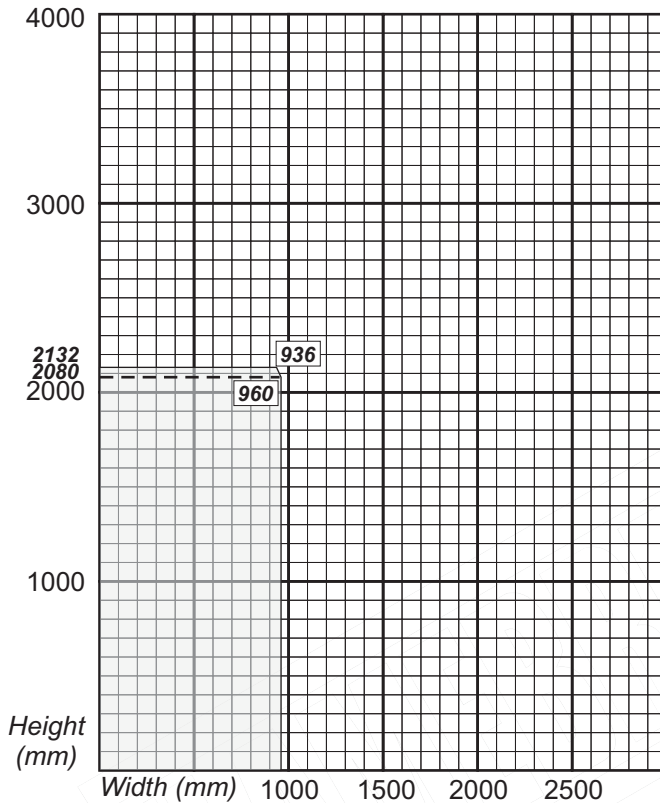
FLAMEBREAK

FD60 - BS476 Pt.22 :1987

2x15x4mm PVC encased Mann McGowan Pyrostrip 500P - 10mm separation

LATCHED DOORSETS

Door Height Assemblies & Storey Height Assemblies with Transom



Latched Single Action Single leaf



Latched Single Action Single leaf with transom overpanel or fanlight

Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2080	960
	To	2132	936
Latched Single Action Double Door (LSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

Maximum Glazed Area <i>See Section 6 - Glazing</i>	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
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Frame Specification <i>See Section 7 - Frames</i>	Single leaf door assembly Double leaf door assembly <i>NOTE: Glazed fanlights approved for door assemblies with 640kg/m³ Hardwood frames only.</i>	640kg/m ³ Hardwood <i>(Excluding Beech)</i>
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Intumescent Seals 2x15x4mm PVC encapsulated with 10mm separation Mann McGowan Pyrostrip 500P <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 15x4mm exposed and fitted centrally in the leaf or frame head with 10 mm separation. Jambs & Overpanel: 2No. 15x4mm exposed and fitted centrally in the leaf or frame with 10 mm separation.
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