



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.

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

For public buildings, the design of the doorsets may be determined by an Architect or Designer with each doorset 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 doorset 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 doorset 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 certification body (*expert organisation*). The independent 3rd. party certification bodies 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. party certification provider. This manual sets out the parameters for the application of FLAMEBREAK™ based fire performance doorsets under the 'Q' Mark scheme that is administered by BM TRADA. To maintain the 'Q' Mark certification the doorset manufacturer using FLAMEBREAK™ must also be a member of the 'Q' Mark certification scheme.

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' related to the assessment provided by 3rd. party certification bodies 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 certification bodies 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 doorset 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 doorsets.

This section provides for general guidance for the application of FLAMEBREAK™ core doors for BS476 Pt.22 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 doorset 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

In addition to FLAMEBREAK™ Pacific Rim Wood Ltd. also supply SAFEGUARD™ door cores and other doorset 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.,
Unit 3, Kingdom Fields,
Bratton Fleming,
Barnstaple,
Devon. EX21 4EN

Tel: +44 (0) 1598 710100
Fax: +44 (0) 1598 710900

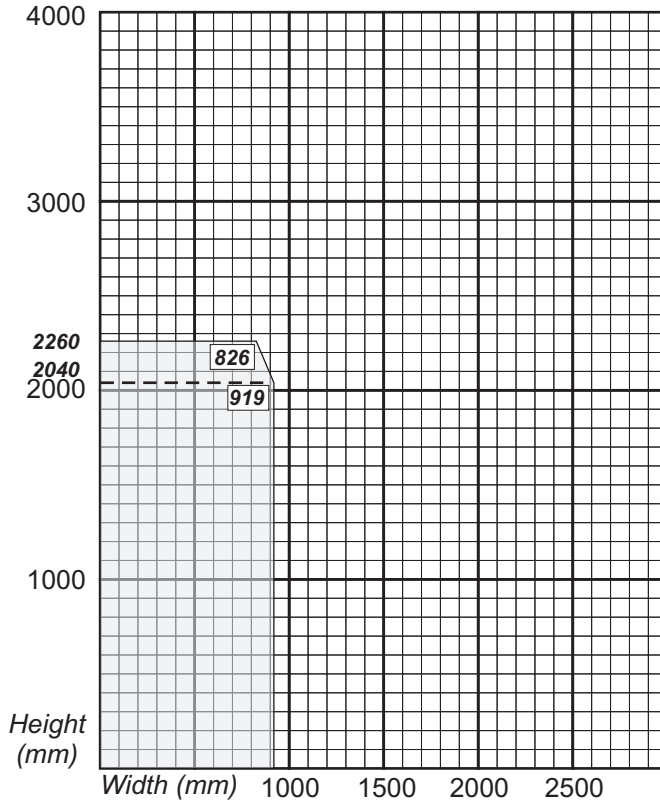


**Door Height Assemblies
&
Storey Height Assemblies with Transom**
**10x4mm PVC encased Pyroplex
Rigid Box seal**

Rev.D

FD30 - BS476 Pt.22 :1987

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

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. Meeting edges: NOT APPROVED.
--	--

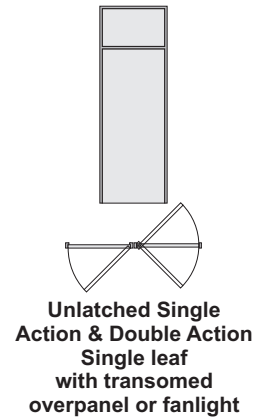
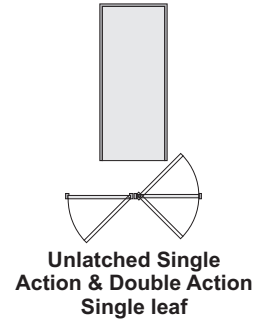
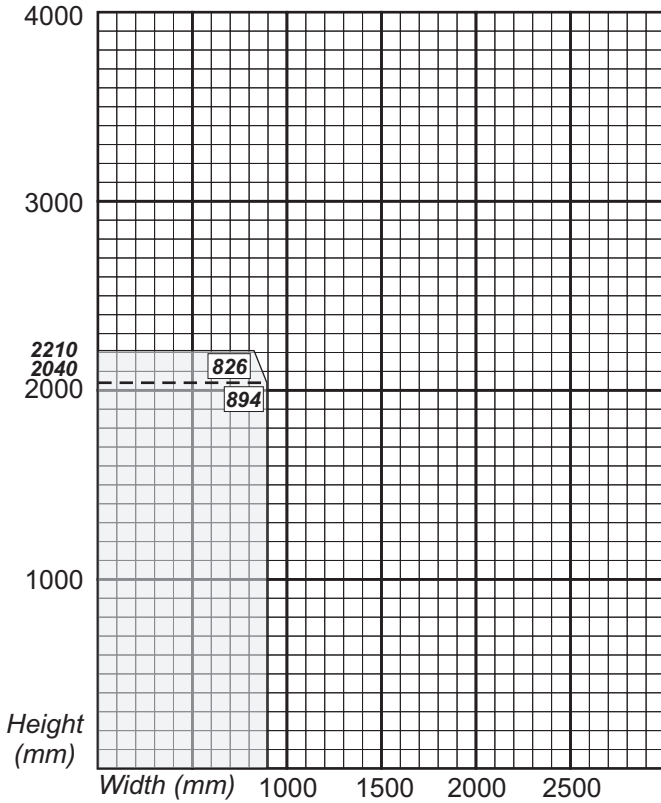


Door Height Assemblies
&
Storey Height Assemblies with Transom
**10x4mm PVC encased Pyroplex
Rigid Box seal**

Rev.D

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	---	---

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. Jambs & Overpanel: 1No. 10x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	--

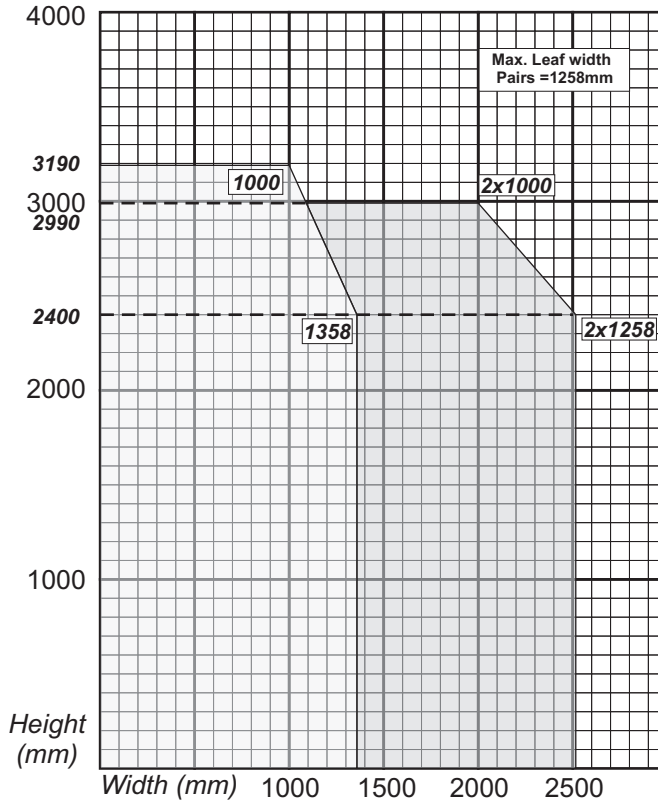


**Door Height Assemblies
&
Storey Height Assemblies with Transom**
**2No. 10x4mm PVC encased Pyroplex
Rigid Box seal**

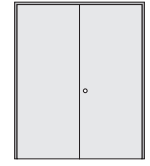
Rev.D

FD30 - BS476 Pt.22 :1987

LATCHED DOORSETS



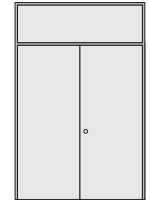
Latched Single Action Single leaf



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

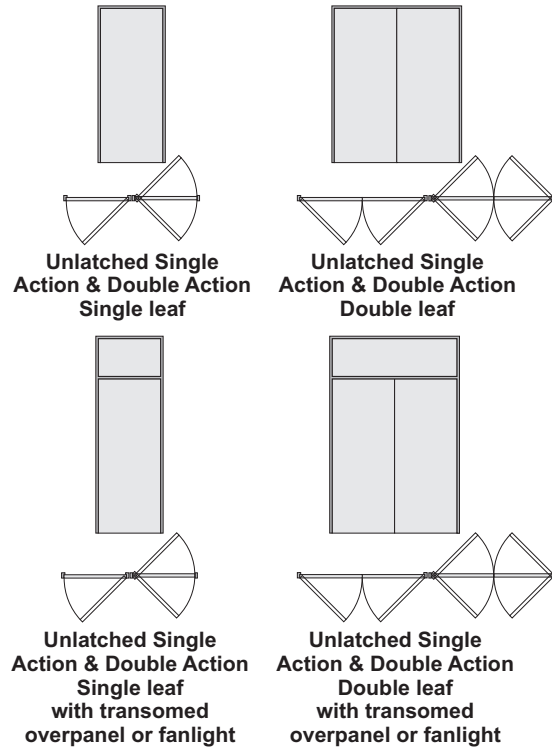
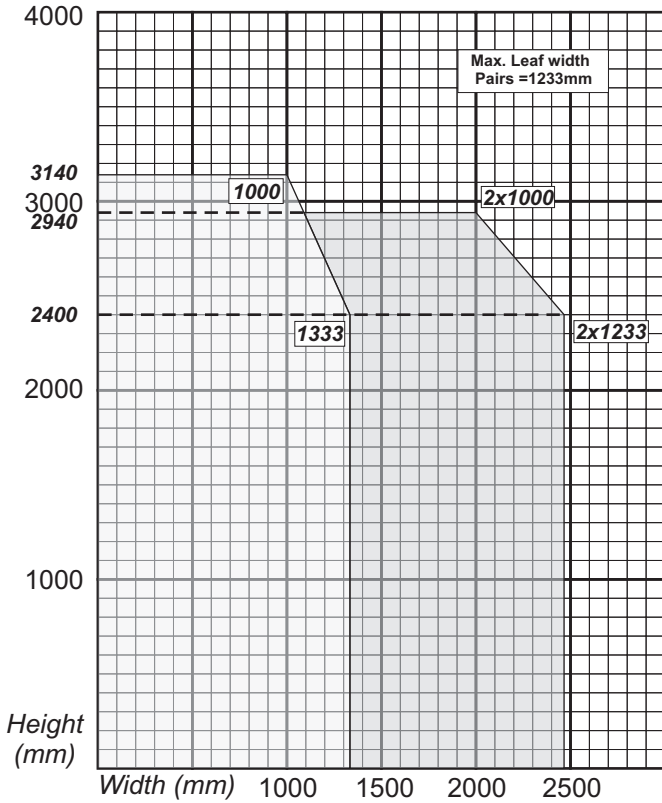
Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jams & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
--	--



Door Height Assemblies
&
Storey Height Assemblies with Transom
2No.10x4mm PVC encased Pyroplex
Rigid Box seal

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jambs & 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.
---	--

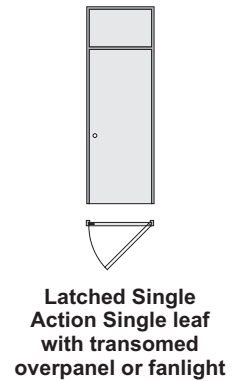
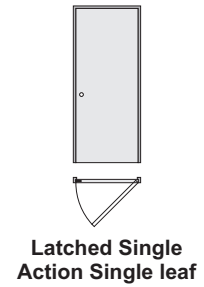
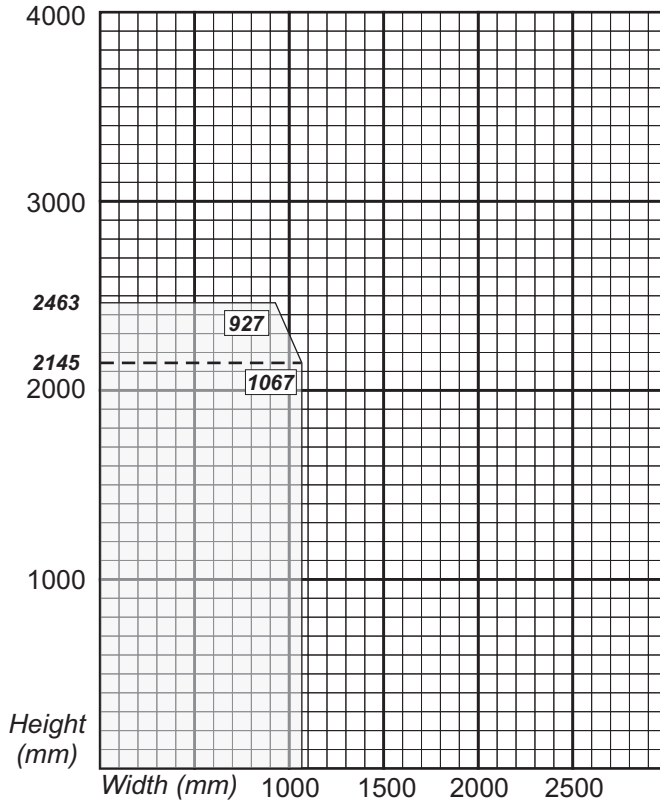


**Door Height Assemblies
&
Storey Height Assemblies with Transom**
**15x4mm PVC encased Pyroplex
Rigid Box seal**

Rev.D

FD30 - BS476 Pt.22 :1987

LATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2145	1067
	To	2463	927
Latched Single Action Double Door (LSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 1No. 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
--	--

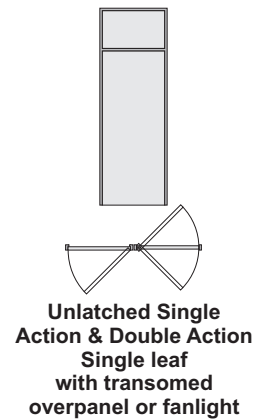
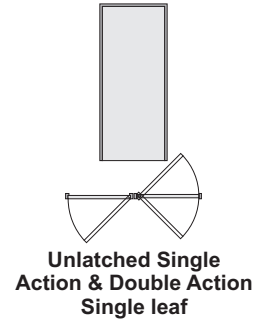
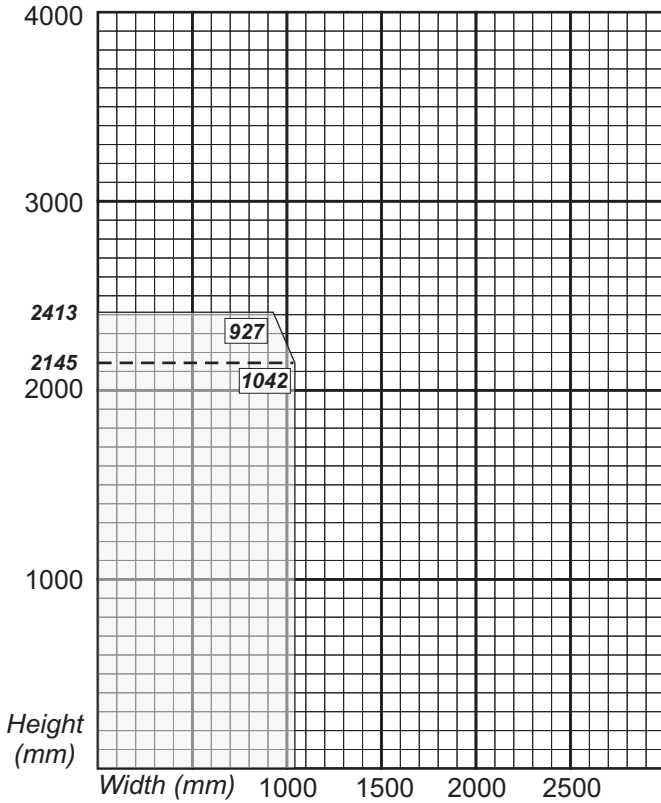


Door Height Assemblies
&
Storey Height Assemblies with Transom
**15x4mm PVC encased Pyroplex
Rigid Box seal**

Rev.D

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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	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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	---	---

Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	--



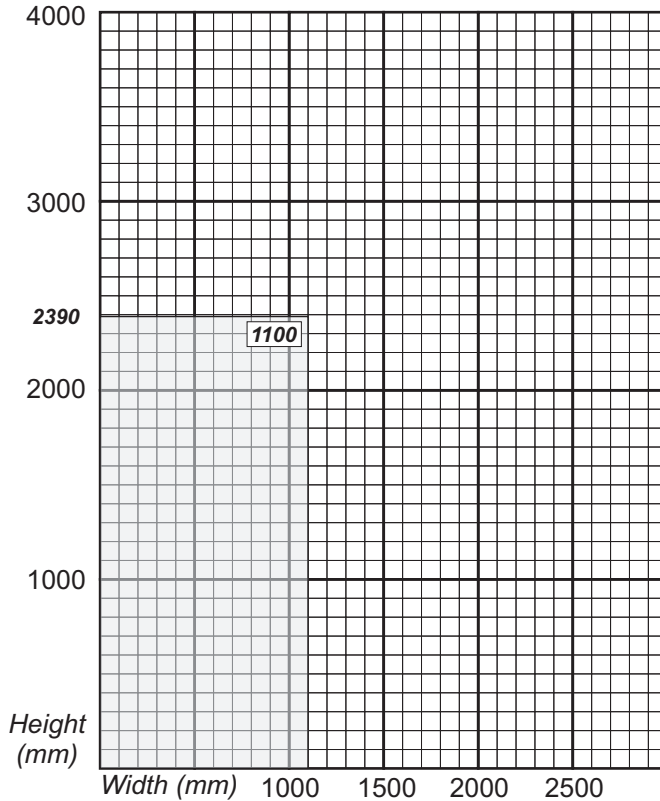
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Palusol P100

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	-----------------------------	--	---------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 15x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	--



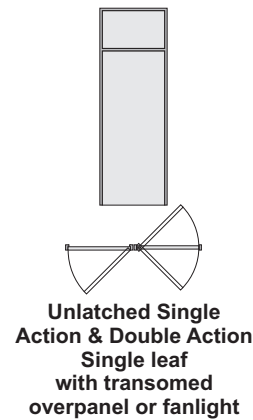
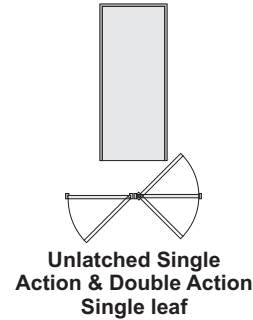
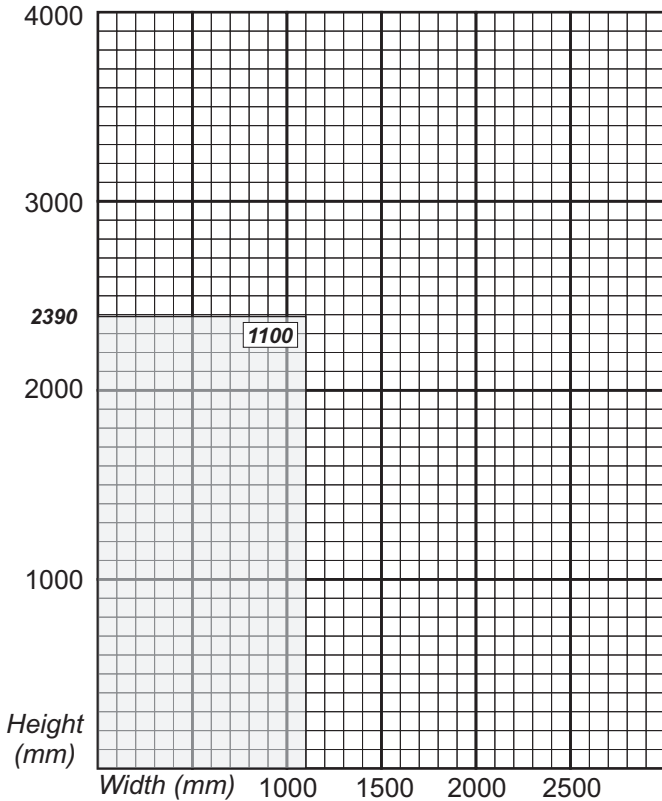
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Palusol P100

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	---	---

Intumescent Seals 15x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
--	--



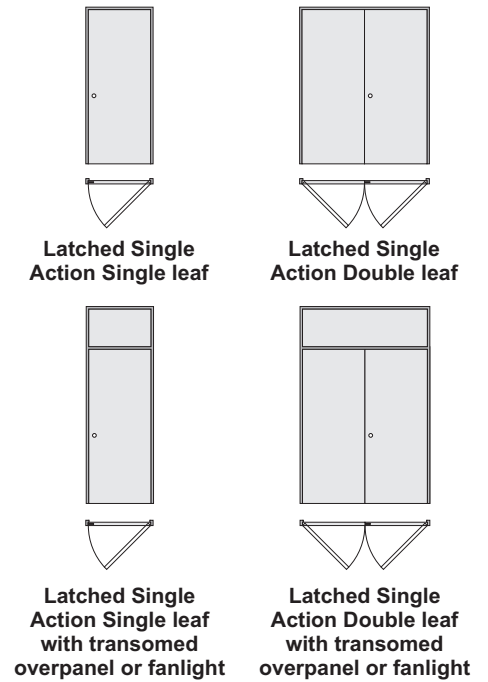
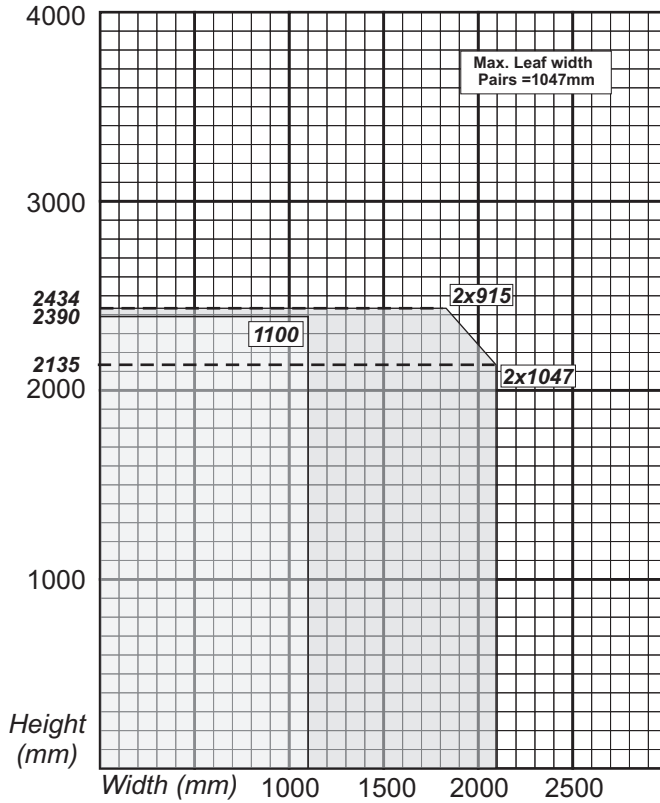
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Palusol P100

LATCHED DOORSETS



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

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 20x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one leaf only. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	---

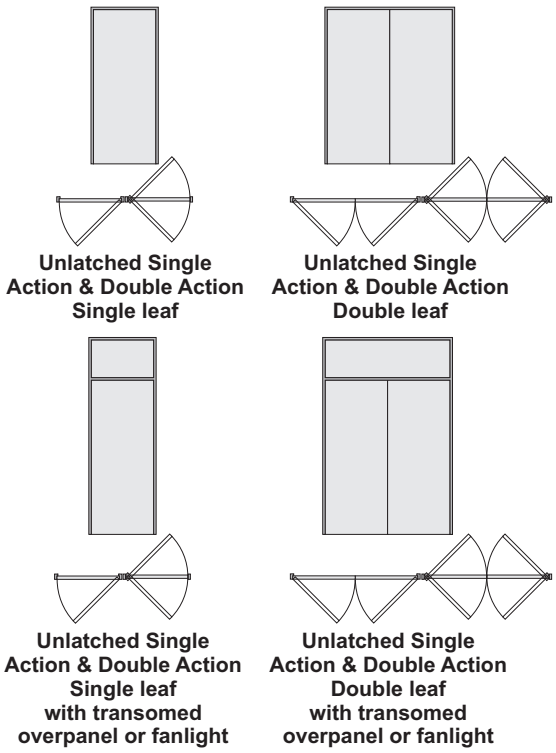
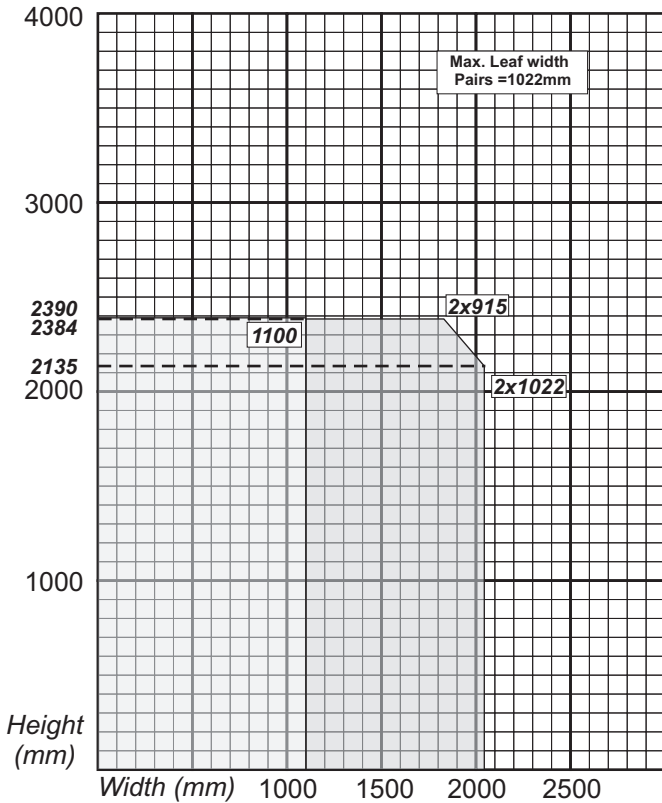


Door Height Assemblies
&
Storey Height Assemblies with Transom

FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Palusol P100

UNLATCHED DOORSETS



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	1022
	To	2384	915
Double Action Double Door (DADD)	From	2135	1022
	To	2384	915

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 20x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
--	--



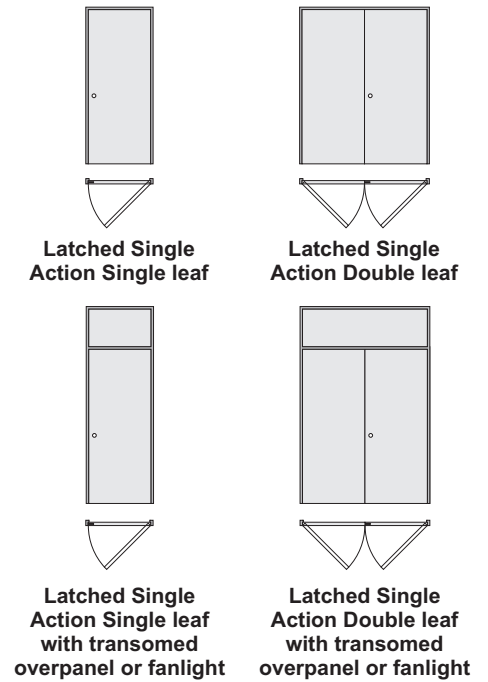
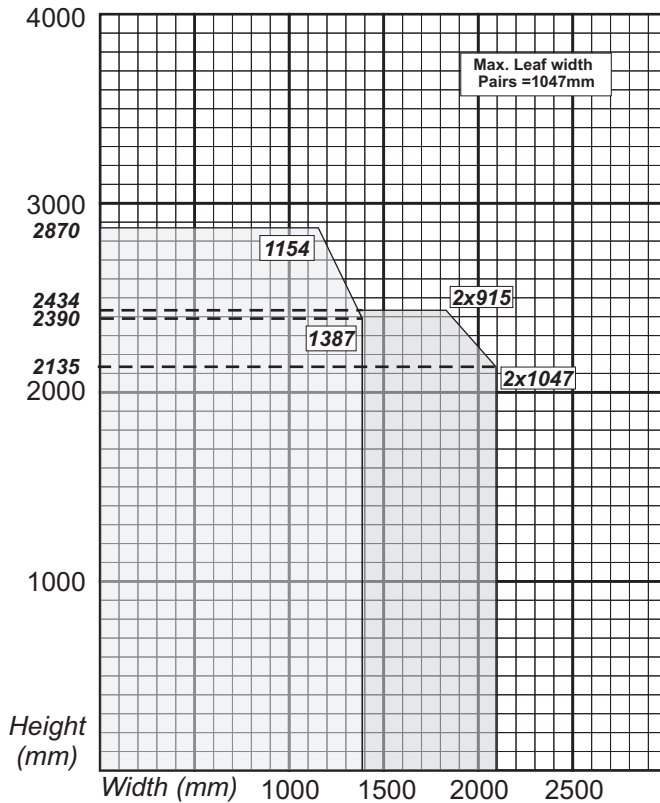
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Palusol P100

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 25x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one leaf only. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	---

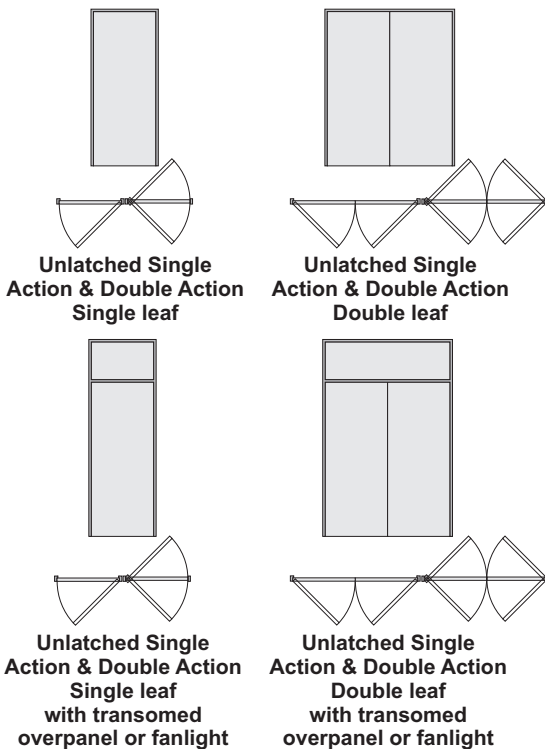
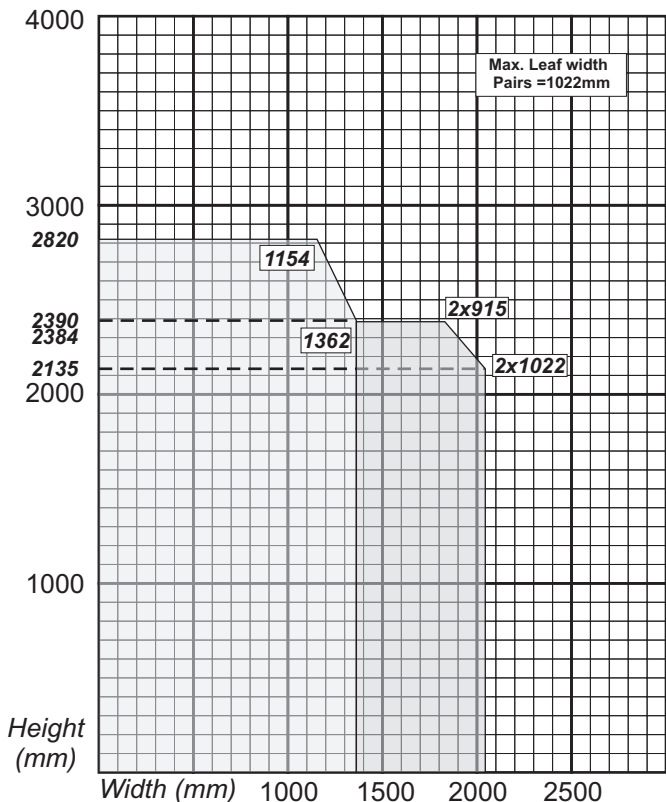


Door Height Assemblies
&
Storey Height Assemblies with Transom

25x4mm PVC encased Palusol P100

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 25x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one leaf only. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--



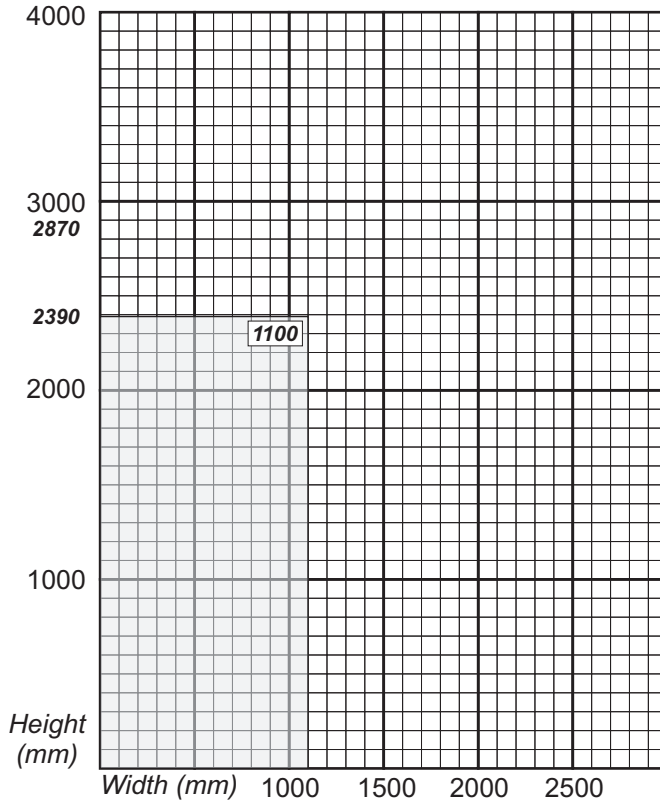
**Door Height Assemblies
&
Storey Height Assemblies with Transom**

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Lorient 617

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	-----------------------------	--	---------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 15x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	--



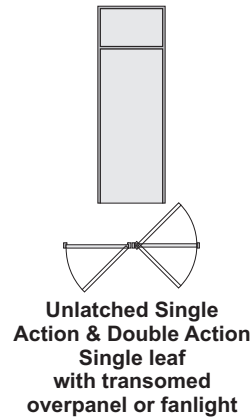
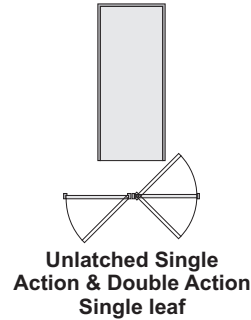
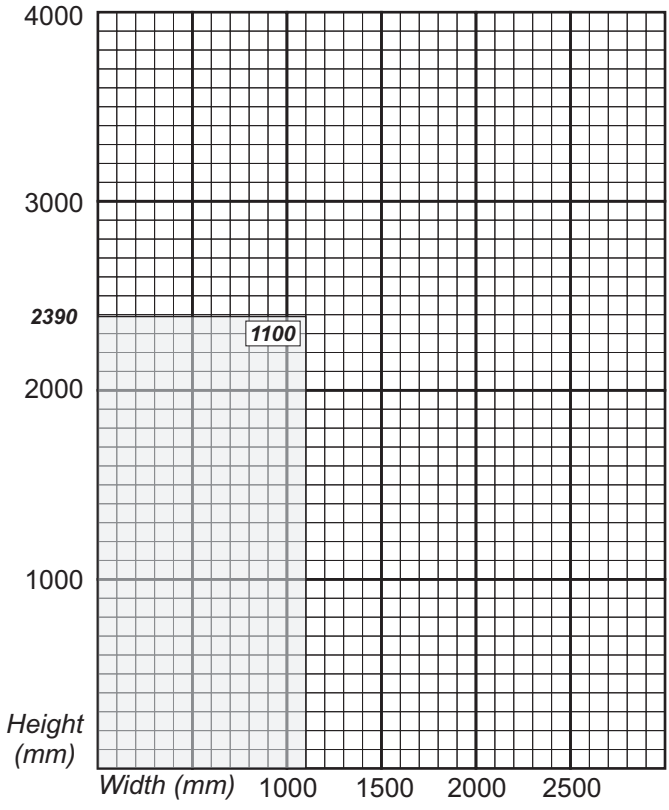
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Lorient 617

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	---	---

Intumescent Seals 15x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
--	--



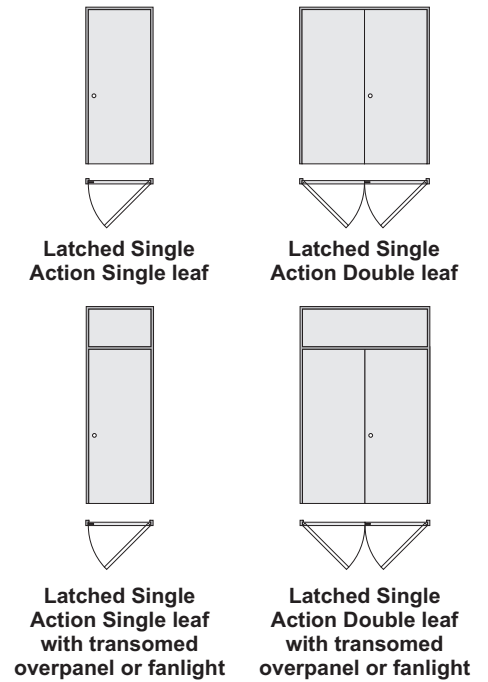
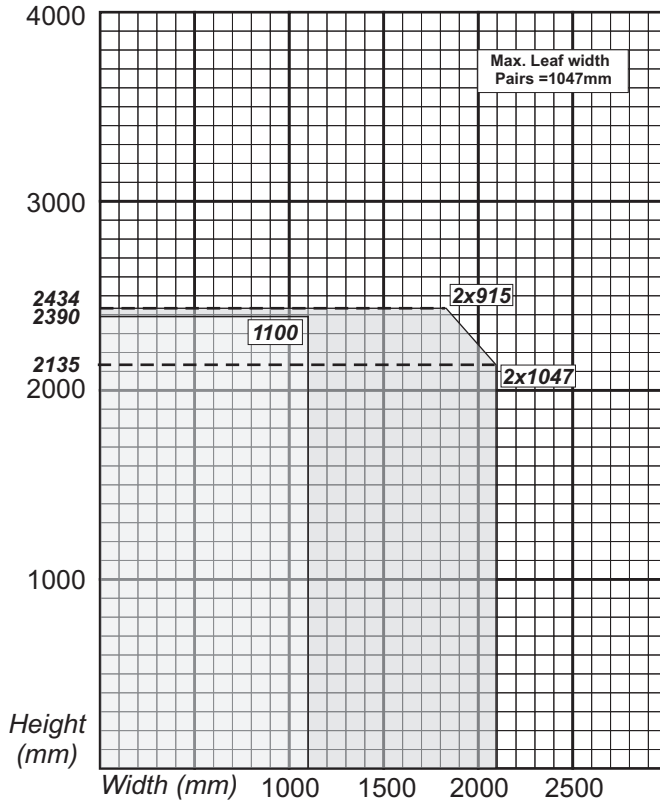
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Lorient 617

LATCHED DOORSETS



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

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

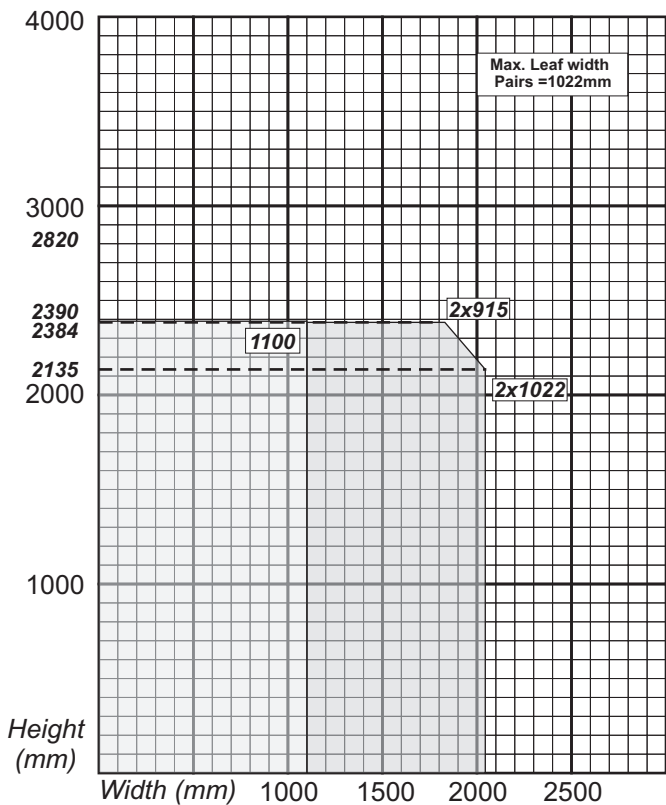
Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 20x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one leaf only. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	---



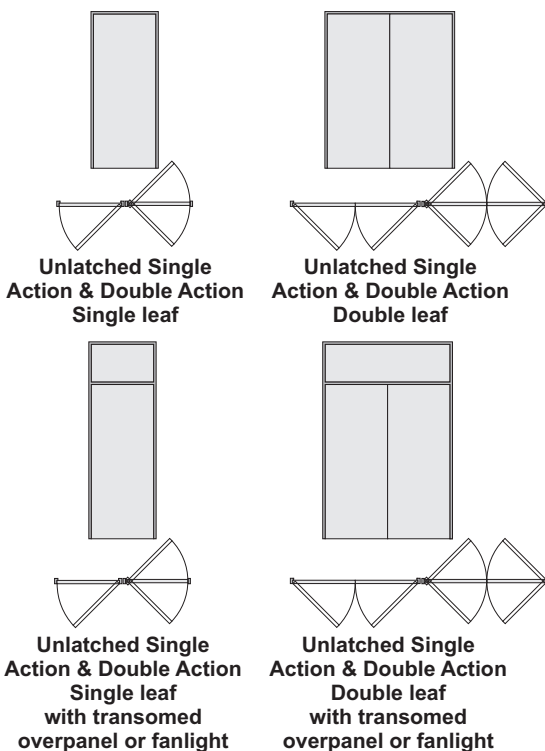
Door Height Assemblies
&
Storey Height Assemblies with Transom

20x4mm PVC encased Lorient 617



FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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	1022
	To		
Double Action Double Door (DADD)	From	2135	1022
	To		

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 20x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one leaf only. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	---



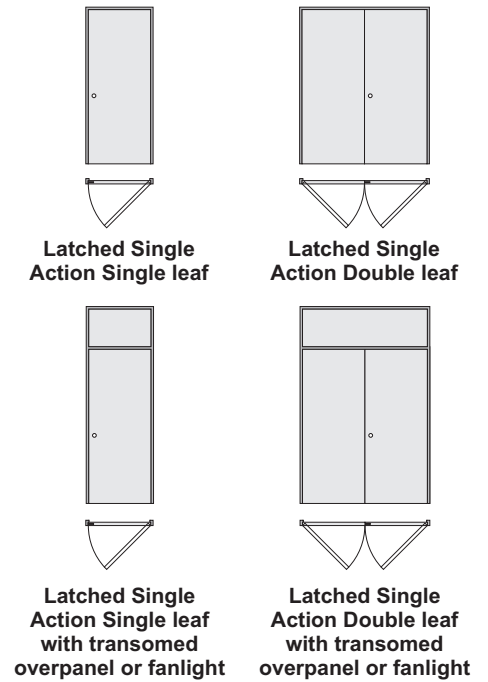
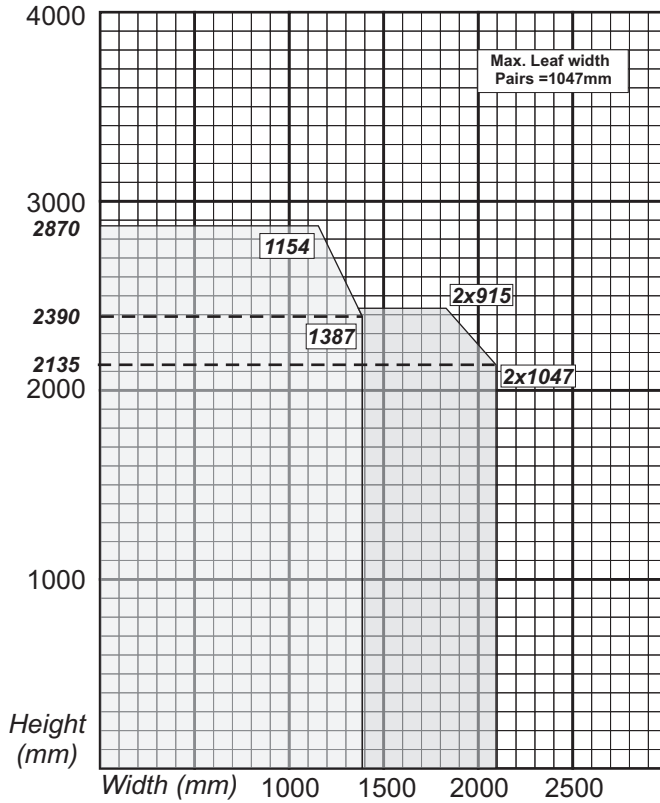
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Lorient 617

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 25x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--



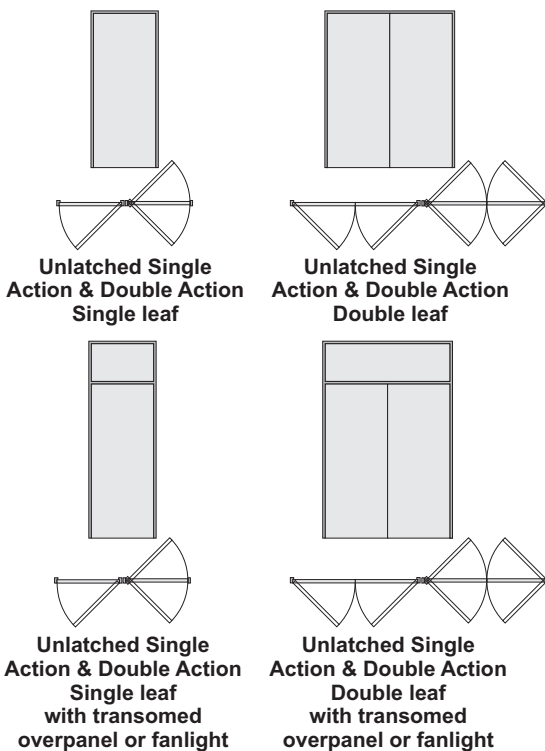
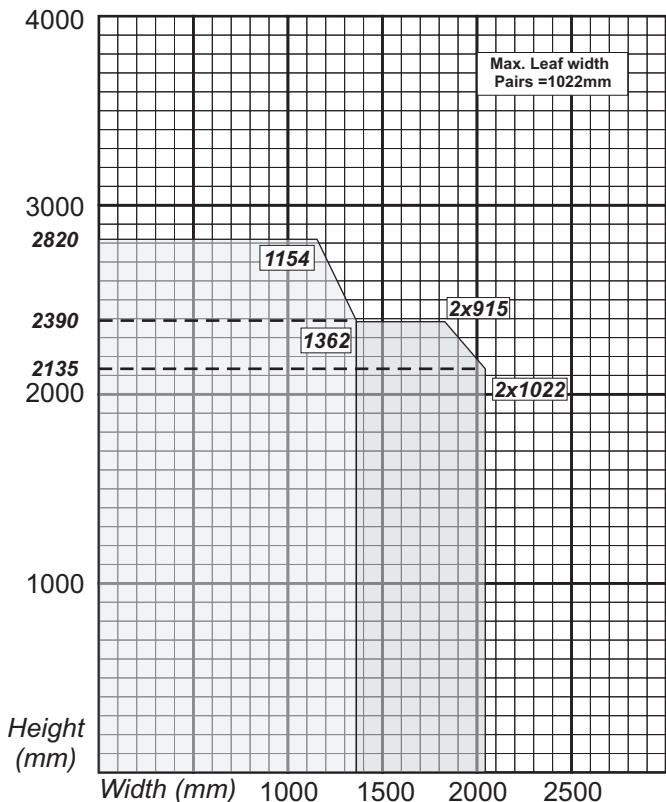
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Lorient 617

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 25x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one leaf only. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
--	---



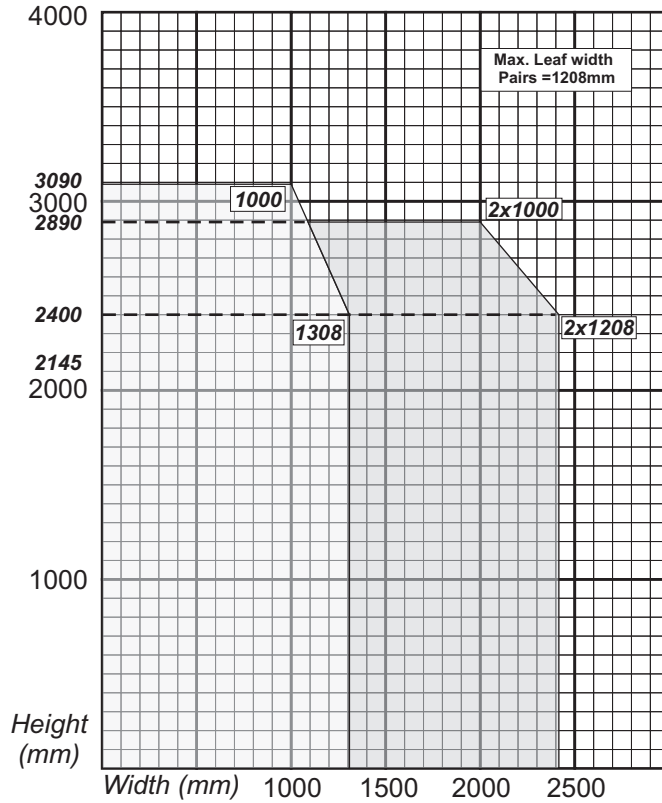
**Storey Height Assemblies
with
Flush Overpanels**

Rev.D

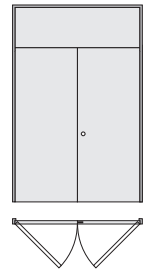
FD30 - BS476 Pt.22 :1987

**2No.10x4mm PVC encased Pyroplex
Rigid Box seal**

LATCHED DOORSETS



Latched Single Action Single leaf with flush overpanel



Latched Single Action Double leaf 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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames	Single door doorset Double door doorset	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Door / Overpanel: 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. 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.
--	--



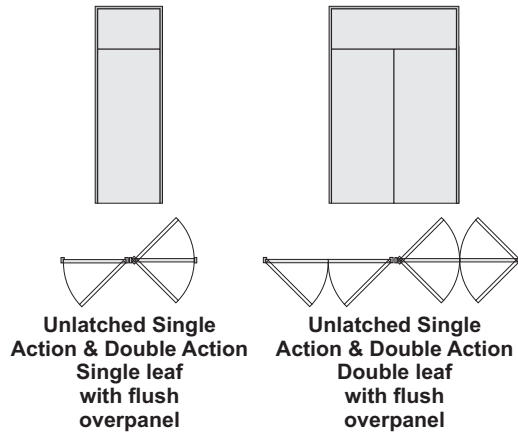
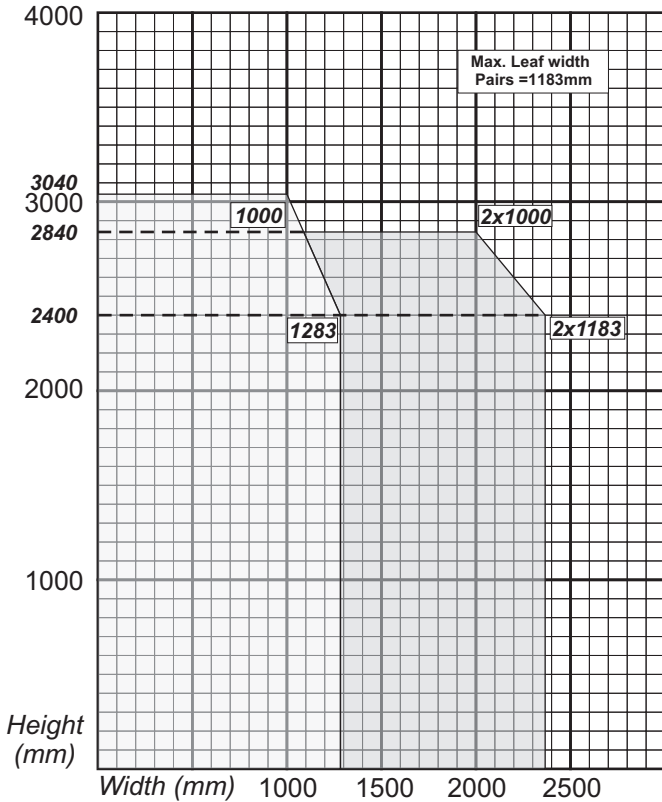
Storey Height Assemblies
with
Flush Overpanels

Rev.D

FD30 - BS476 Pt.22 :1987

2No.10x4mm PVC encased Pyroplex
Rigid Box seal

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames	Single door doorset Double door doorset	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

<p>Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Door / Overpanel: 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. Jamb's & 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>
--	--

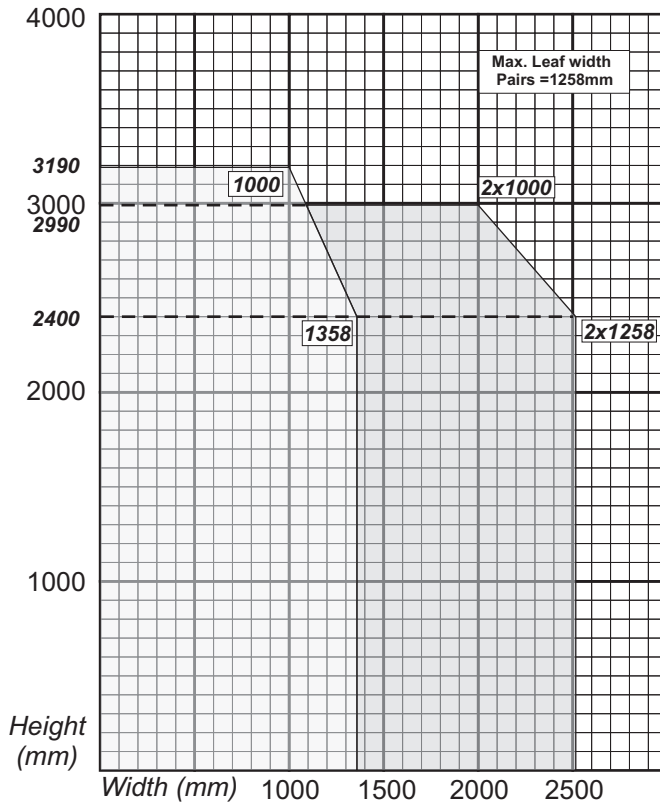


**Door Height Assemblies
&
Storey Height Assemblies with Transom**
**2No. 10x4mm PVC encased Pyroplex
Rigid Box seal**

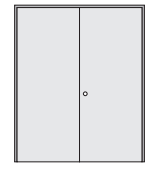
Rev.D

FD30 - BS476 Pt.22 :1987

LATCHED DOORSETS



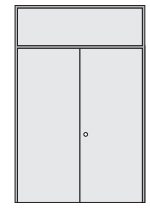
Latched Single Action Single leaf



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset Double door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	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 the leaf or frame head with 10mm separation. Rebated: NOT APPROVED.
--	---

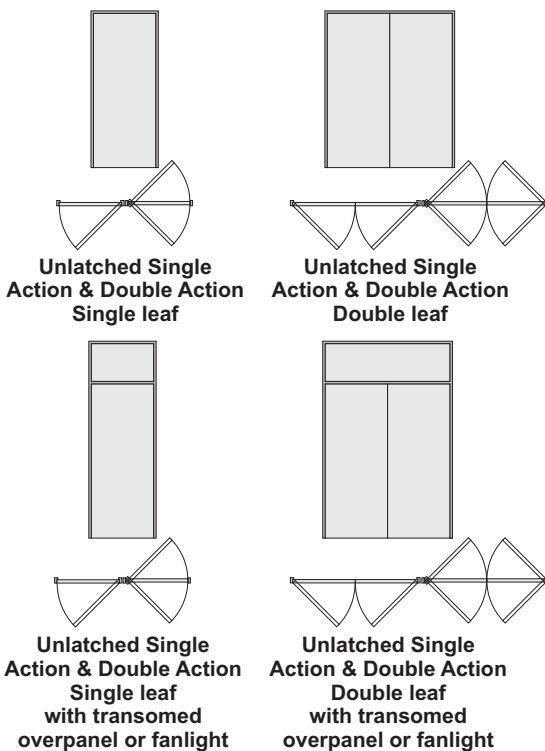
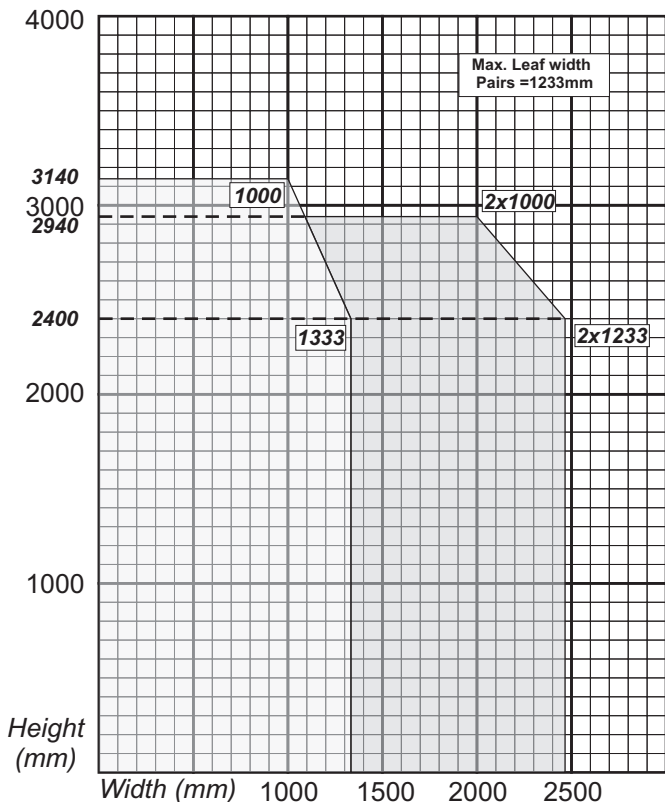


Door Height Assemblies
&
Storey Height Assemblies with Transom
2No.10x4mm PVC encased Pyroplex
Rigid Box seal

Rev.D

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jambs & 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 the leaf or frame head with 10mm separation. Rebated: NOT APPROVED.
--	--

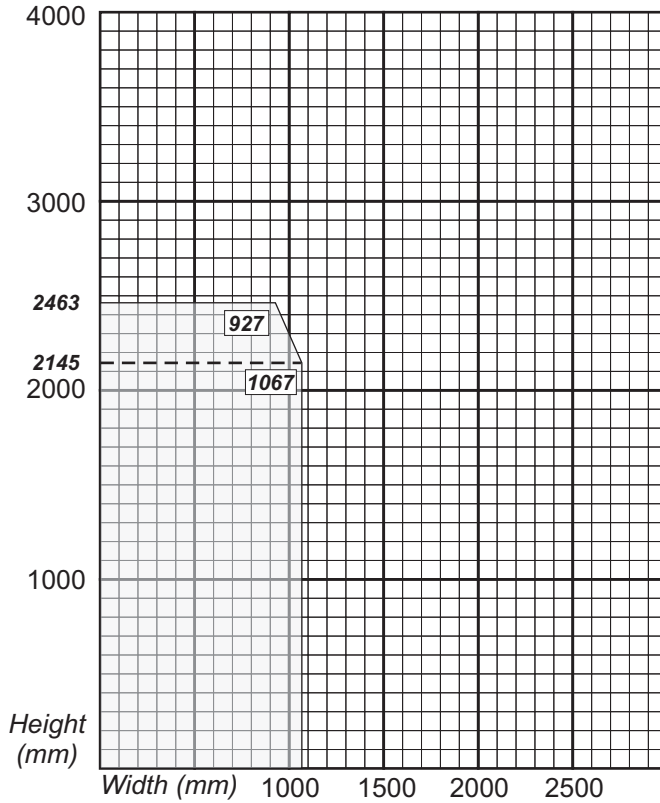


**Door Height Assemblies
&
Storey Height Assemblies with Transom**
**15x4mm PVC encased Pyroplex
Rigid Box seal**

Rev.D

FD30 - BS476 Pt.22 :1987

LATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2145	1067
	To	2463	927
Latched Single Action Double Door (LSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

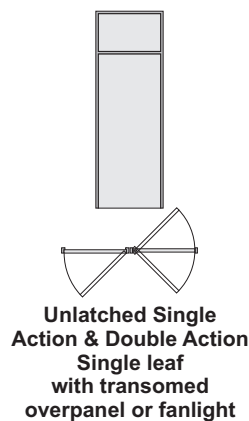
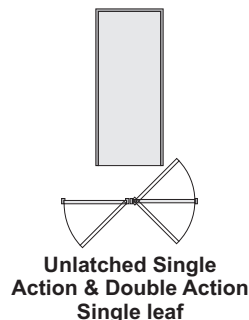
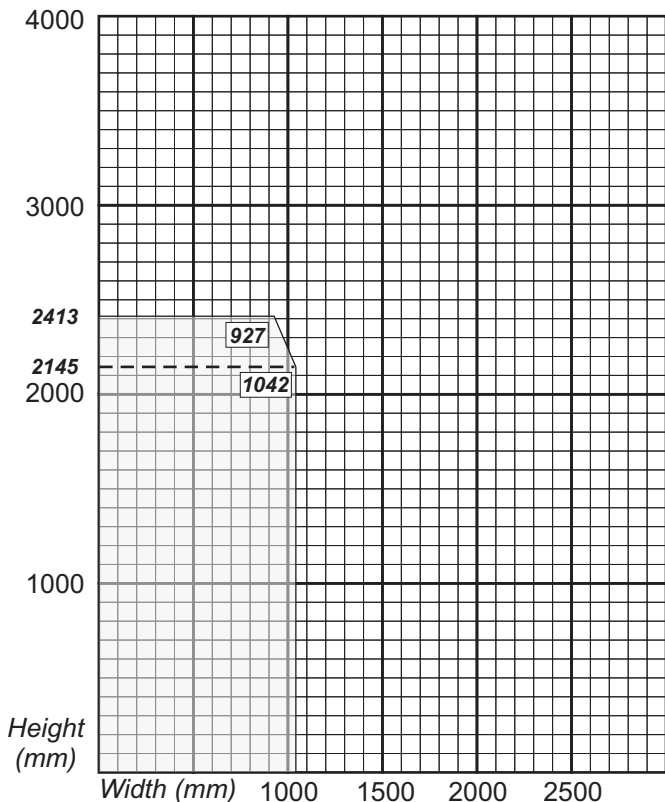
Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 1No. 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
--	--



Door Height Assemblies
&
Storey Height Assemblies with Transom
**15x4mm PVC encased Pyroplex
Rigid Box seal**

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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	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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
--	---



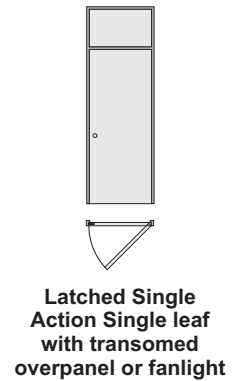
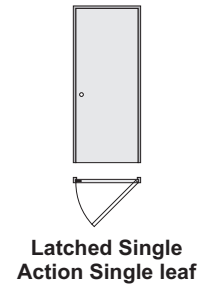
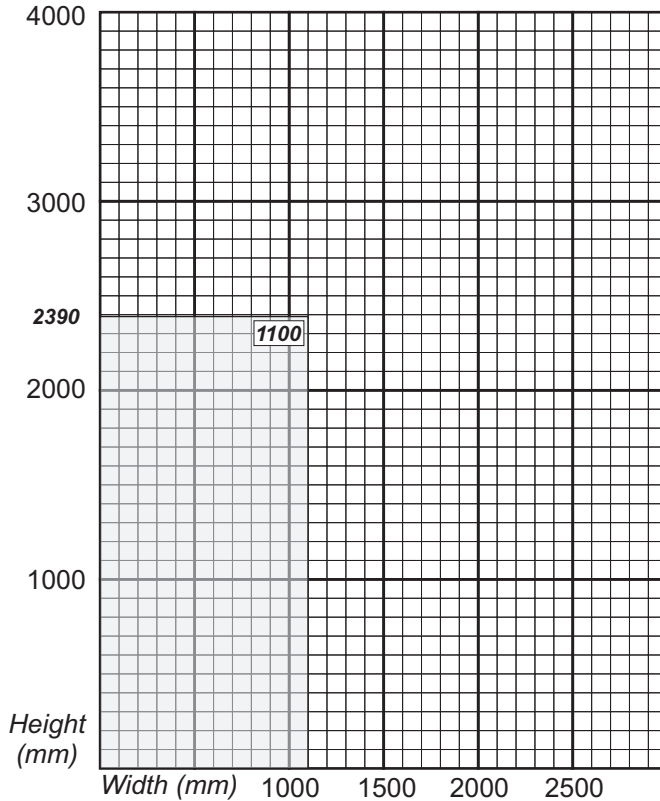
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Palusol P100

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 15x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware for further information	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	--



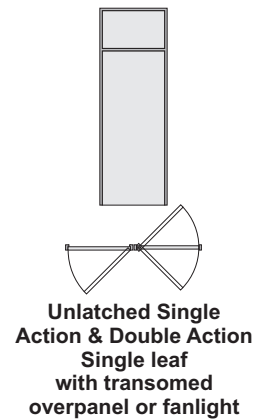
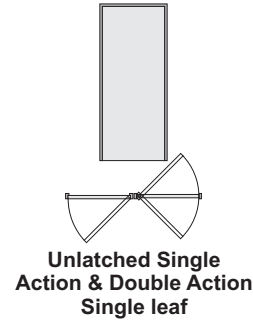
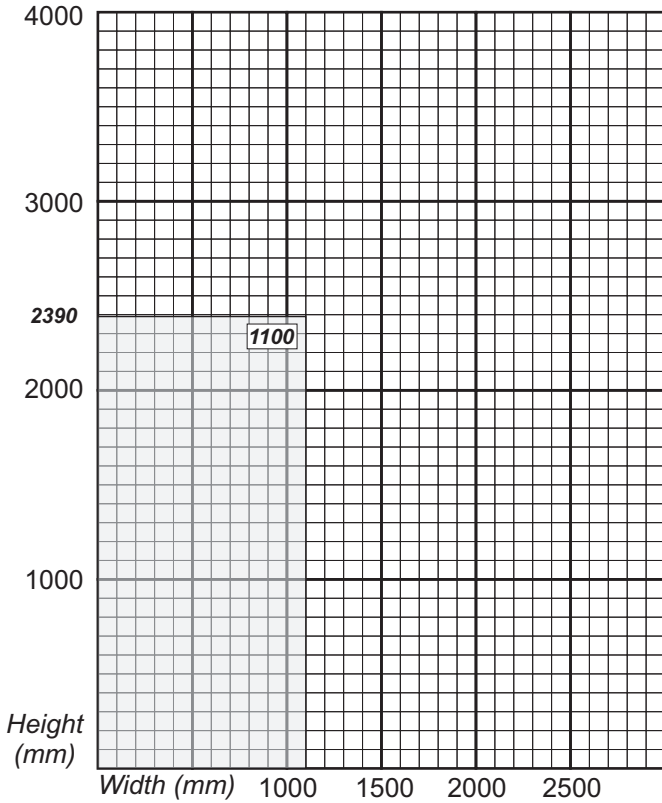
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Palusol P100

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 15x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	---



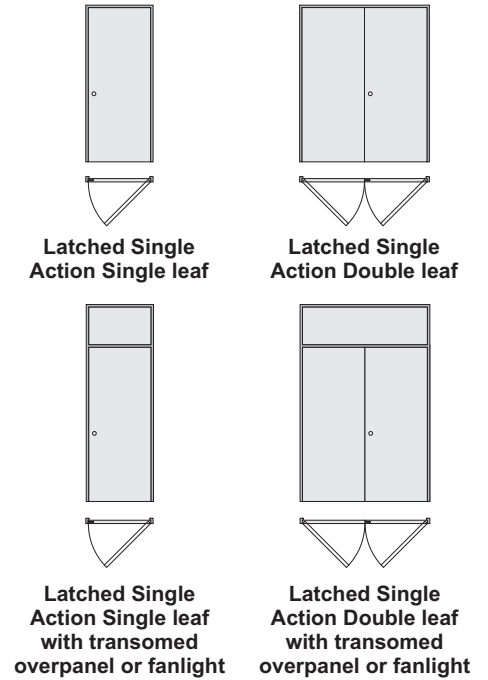
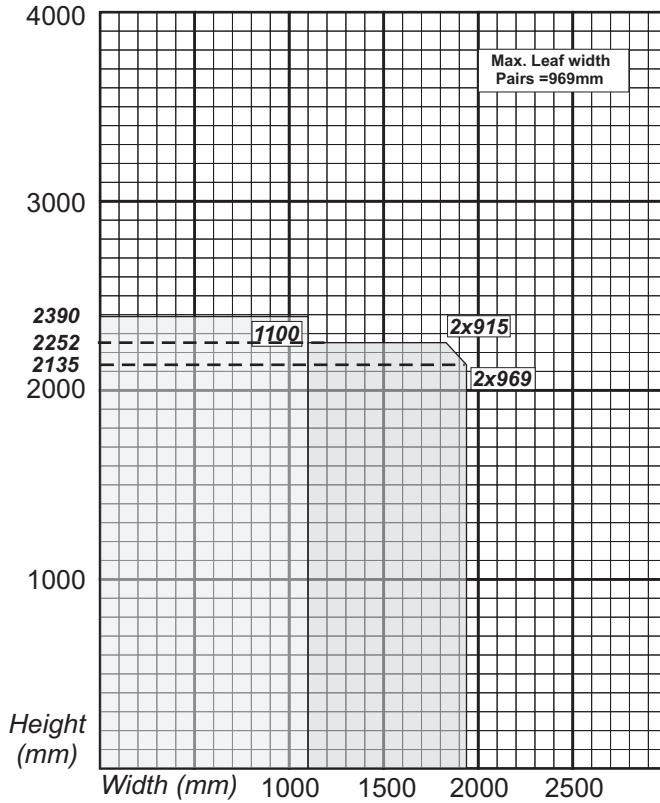
**Door Height Assemblies
&
Storey Height Assemblies with Transom**

Rev.D

FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Palusol P100

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset Double door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 20x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--



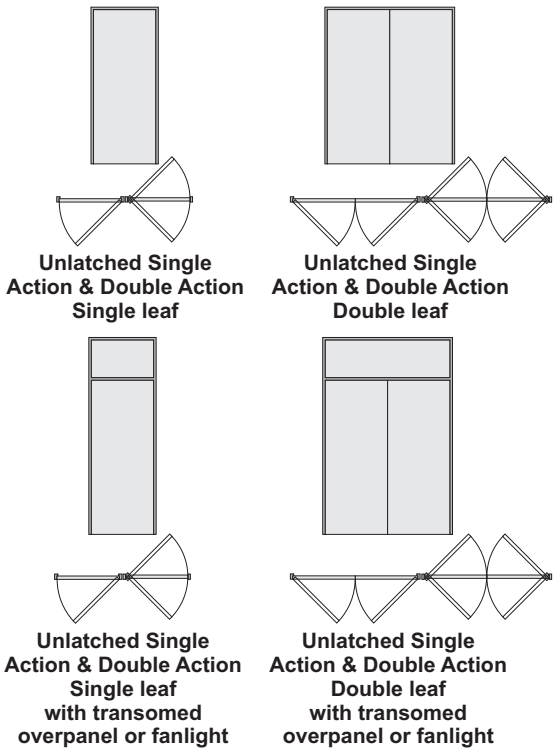
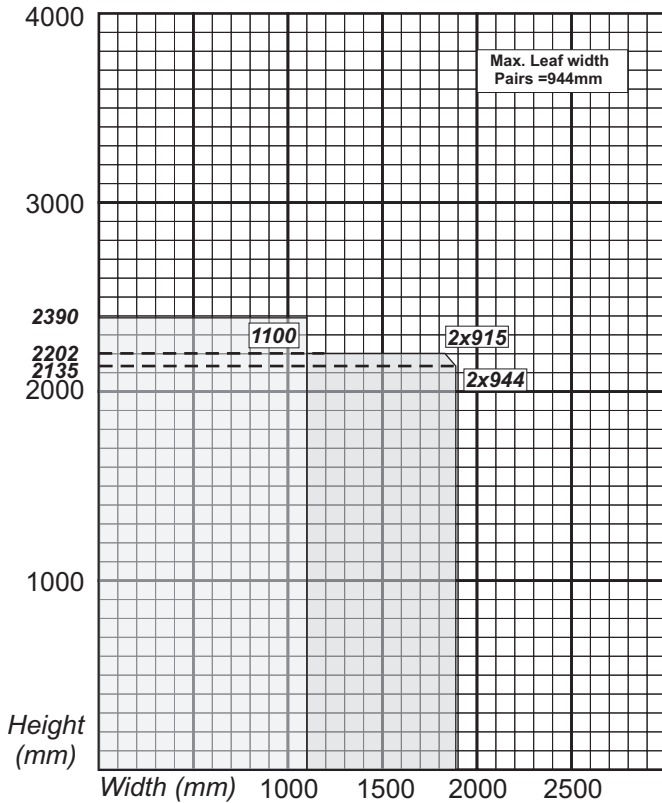
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Palusol P100

UNLATCHED DOORSETS



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	2202	915
Double Action Double Door (DADD)	From	2135	944
	To	2202	915

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 20x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
--	--



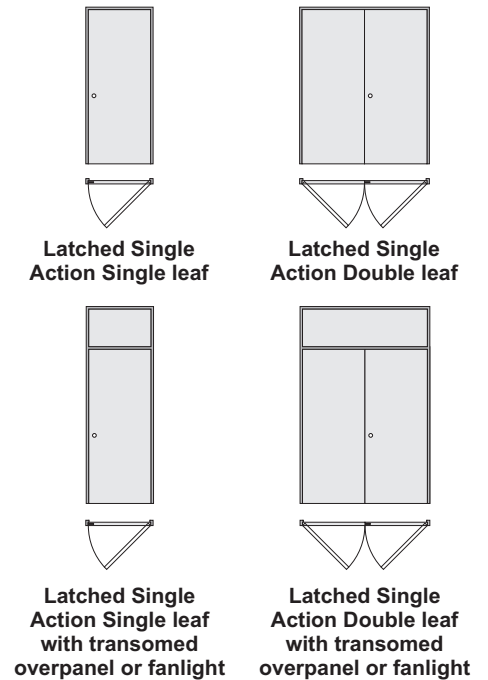
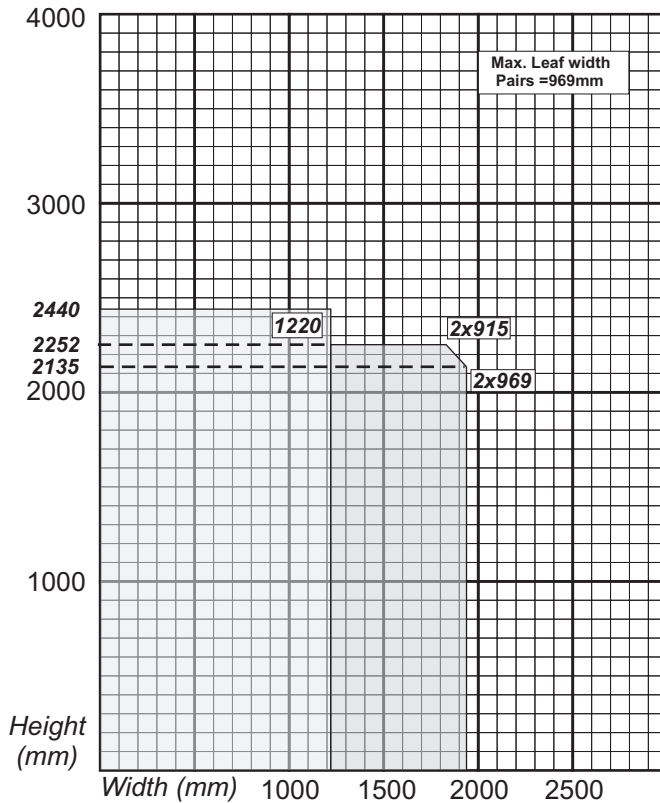
**Door Height Assemblies
&
Storey Height Assemblies with Transom**

Rev.D

FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Palusol P100

LATCHED DOORSETS



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

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

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset Double door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 25x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--



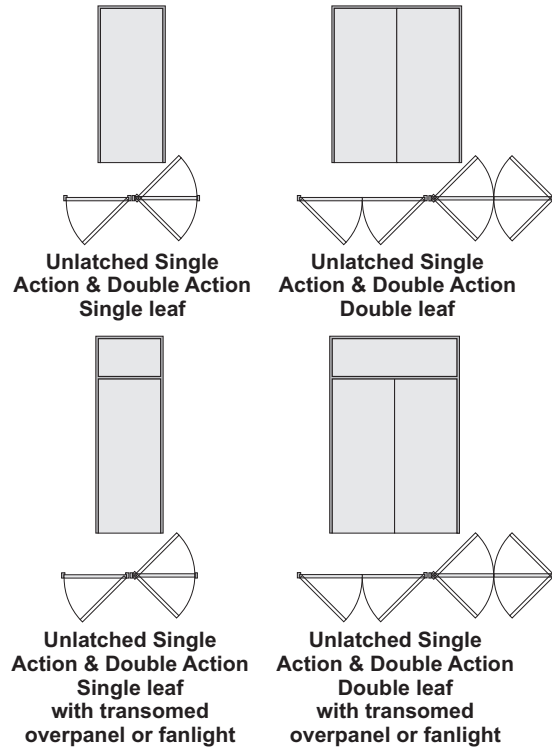
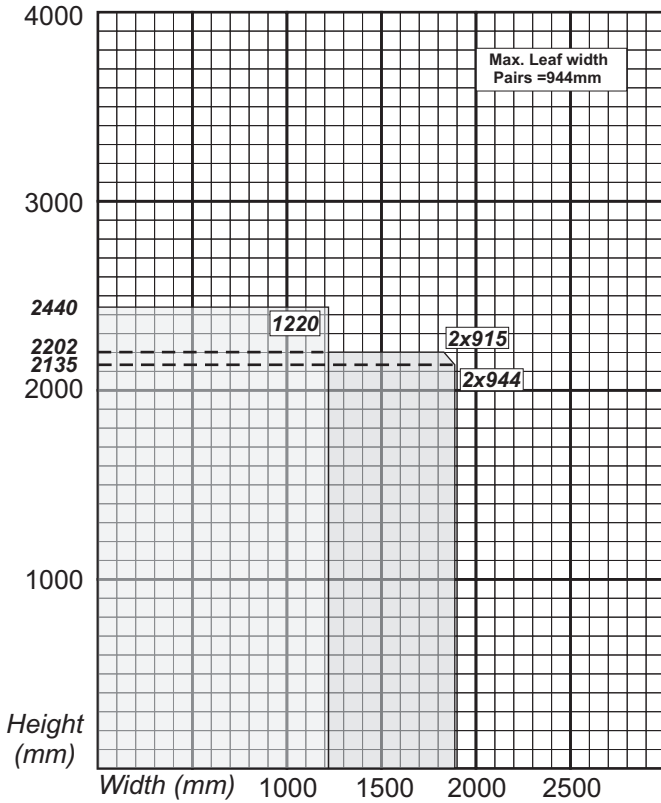
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Palusol P100

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 25x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	---



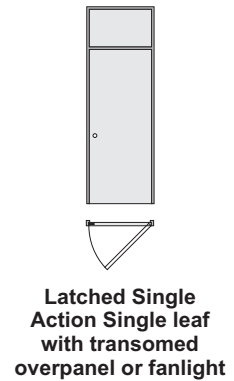
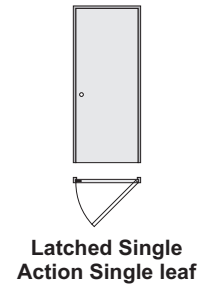
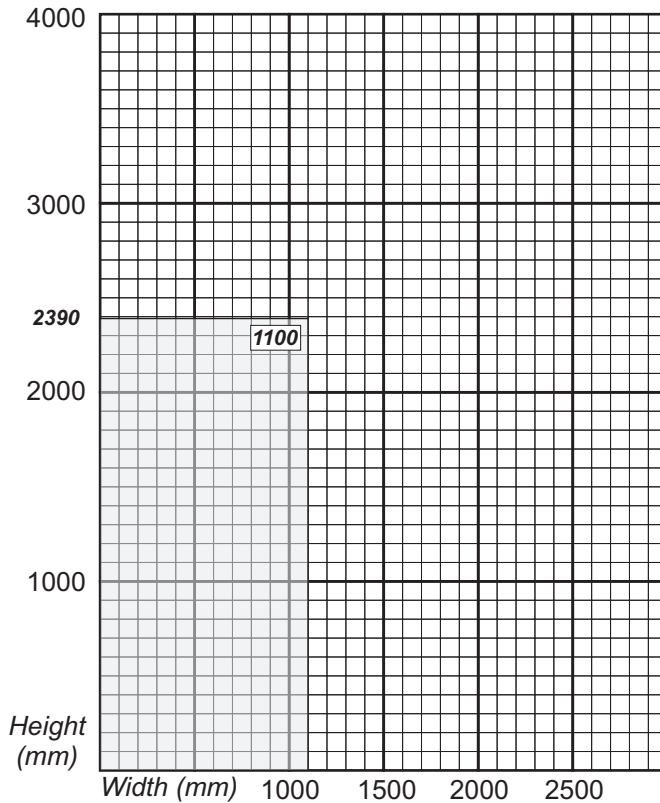
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Lorient 617

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 15x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	--



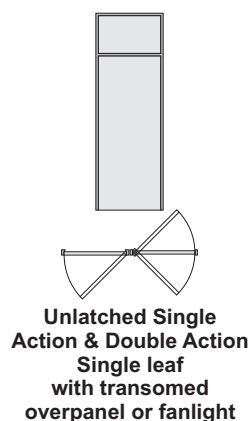
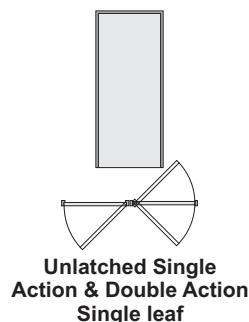
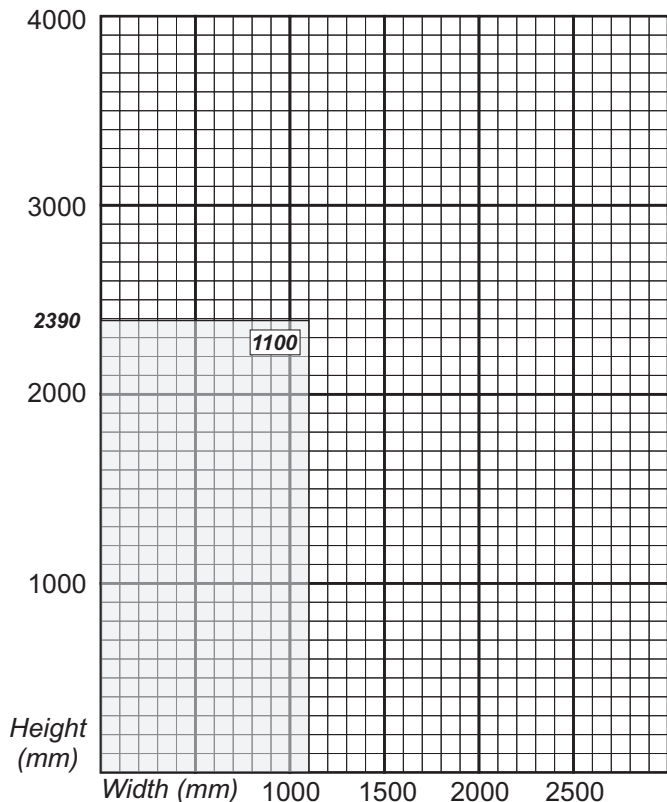
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Lorient 617

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 15x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	---



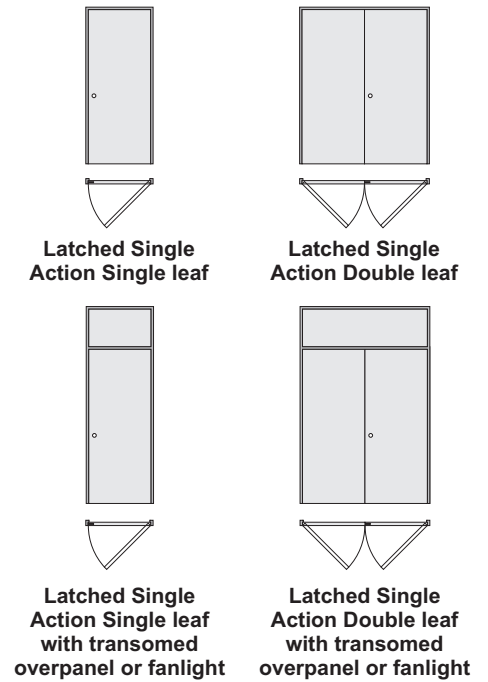
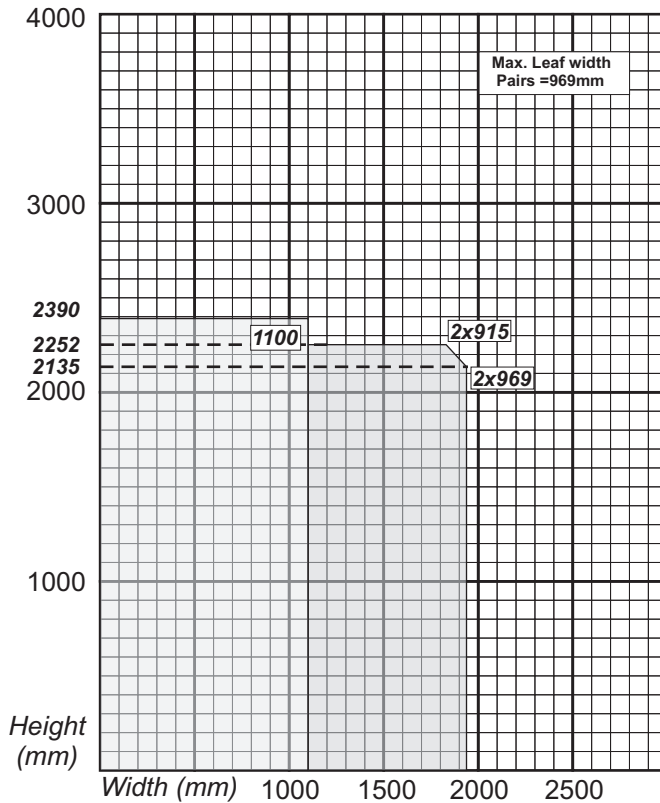
**Door Height Assemblies
&
Storey Height Assemblies with Transom**

Rev.D

FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Lorient 617

LATCHED DOORSETS



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

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

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset Double door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 20x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head for single leaf doorset heights up to 2390mm. Jambs & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--



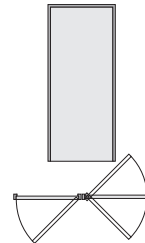
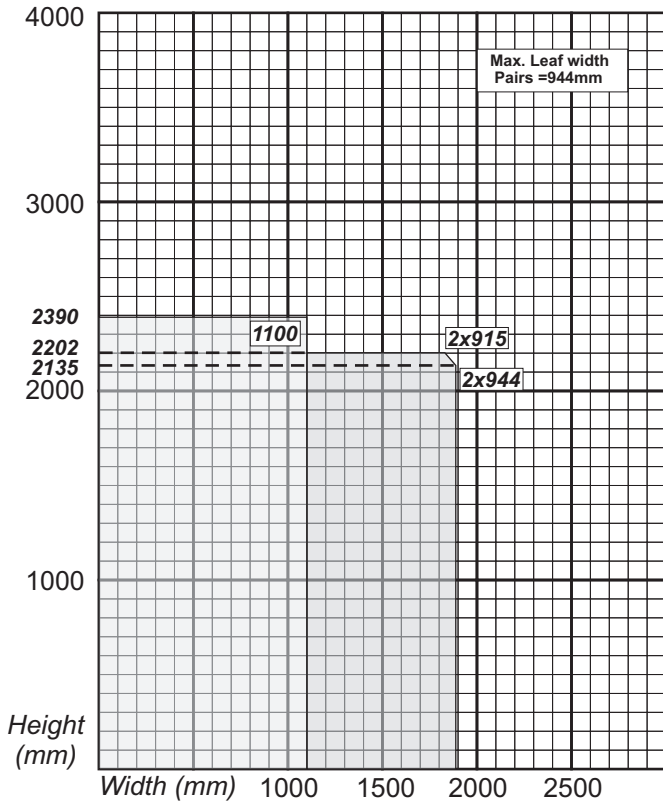
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

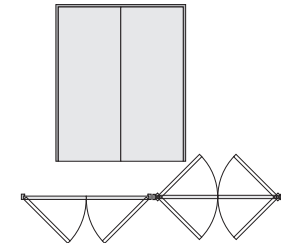
FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Lorient 617

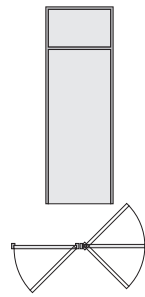
UNLATCHED DOORSETS



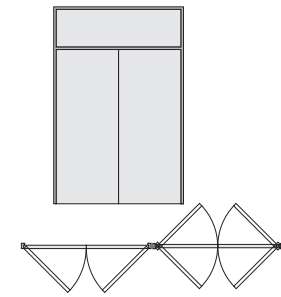
Unlatched Single Action & Double Action Single leaf



Unlatched Single Action & Double Action Double leaf



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



Unlatched Single Action & Double Action Double 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	2135 2202	944 915
Double Action Double Door (DADD)	From To	2135 2202	944 915

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 20x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
--	---



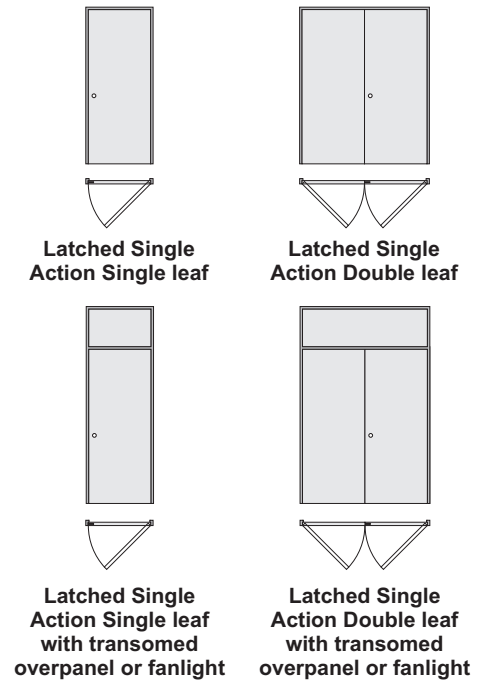
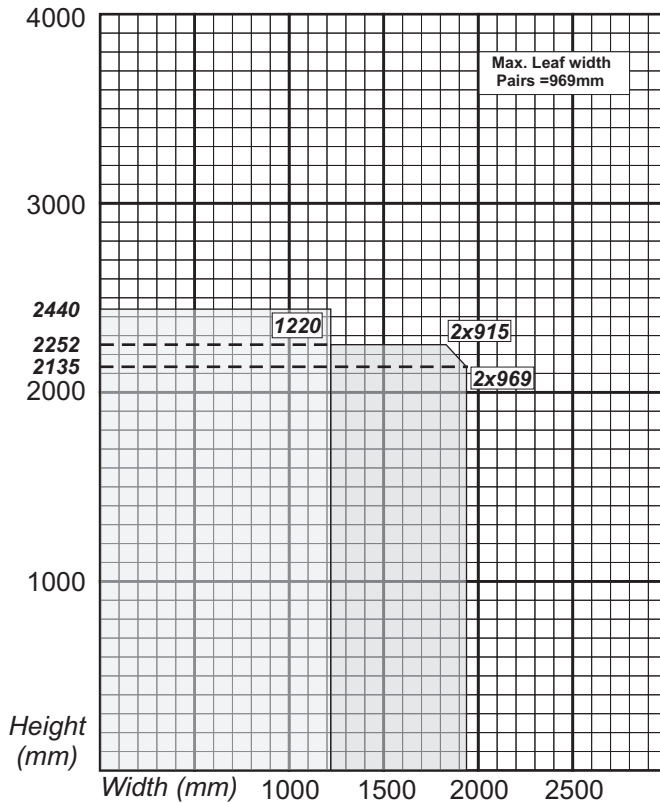
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Lorient 617

LATCHED DOORSETS



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

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

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset Double door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 25x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--

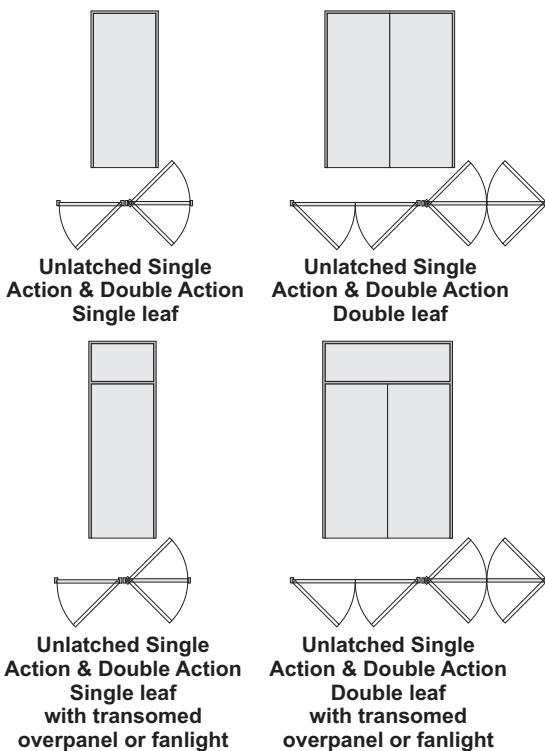
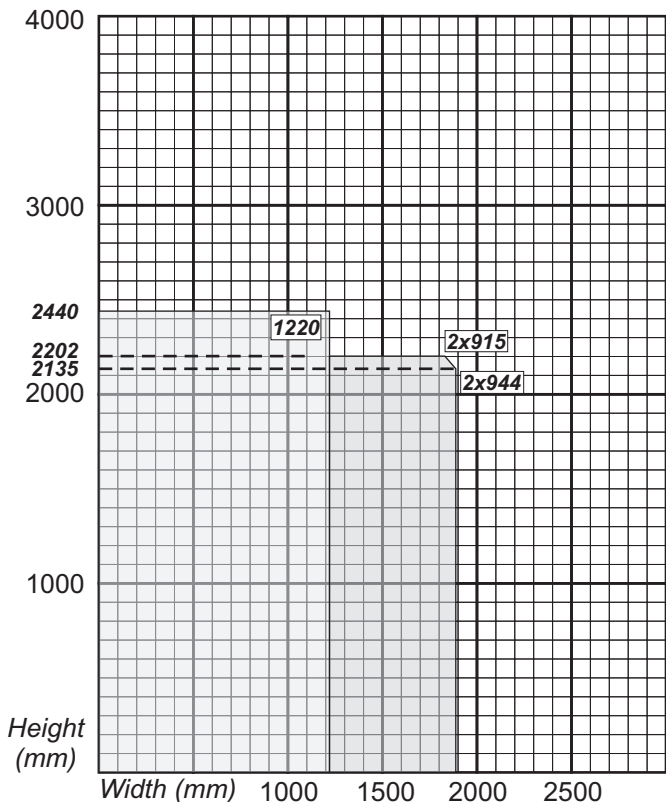


Door Height Assemblies
&
Storey Height Assemblies with Transom

25x4mm PVC encased Lorient 617

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 25x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
--	--

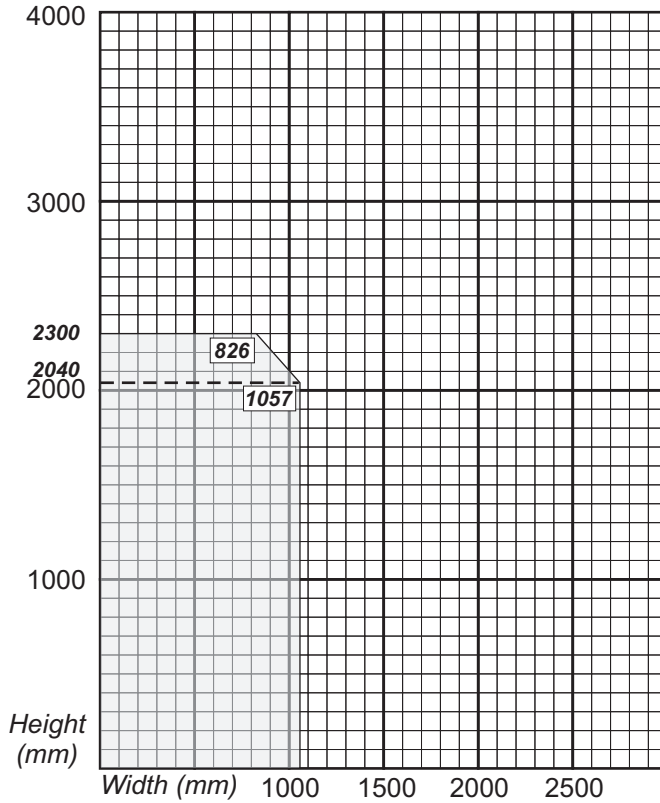


**Door Height Assemblies
&
Storey Height Assemblies with Transom**
**10x4mm PVC encased Pyroplex
Rigid Box seal**

Rev.D

FD30 - BS476 Pt.22 :1987

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

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. Meeting edges: NOT APPROVED.
--	--

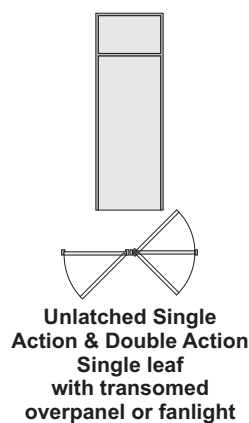
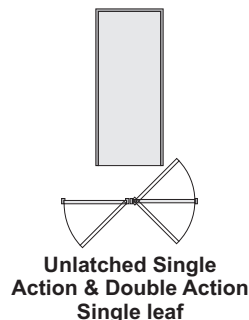
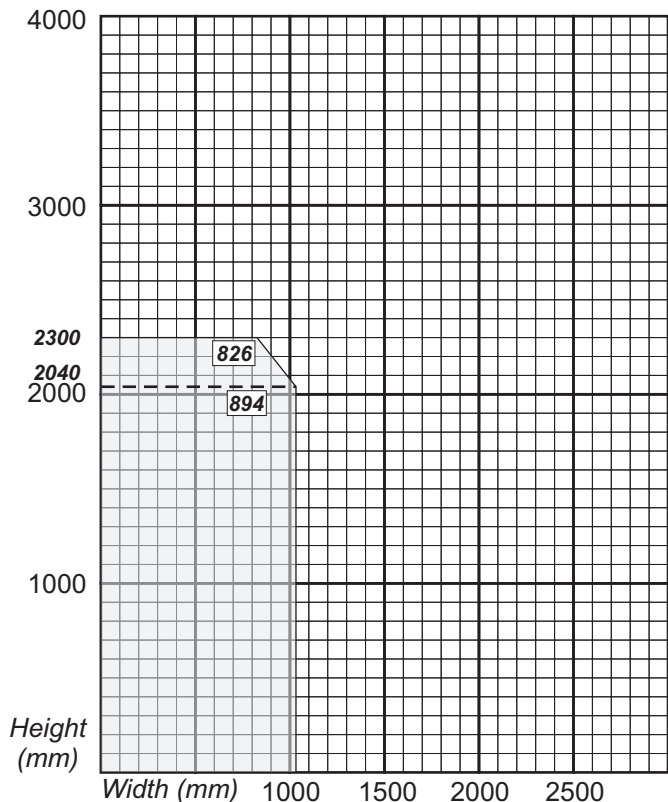


Door Height Assemblies
&
Storey Height Assemblies with Transom
**10x4mm PVC encased Pyroplex
Rigid Box seal**

Rev.D

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	---	---

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. Jambs & Overpanel: 1No. 10x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	--

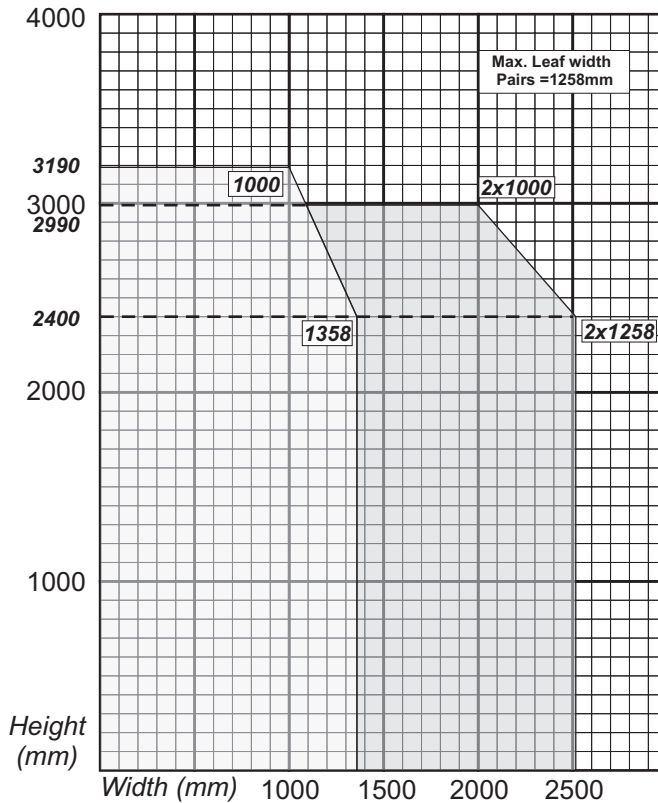


**Door Height Assemblies
&
Storey Height Assemblies with Transom**
**2No. 10x4mm PVC encased Pyroplex
Rigid Box seal**

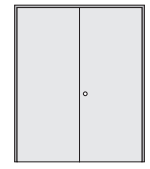
Rev.D

FD30 - BS476 Pt.22 :1987

LATCHED DOORSETS



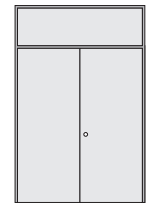
Latched Single Action Single leaf



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset Double door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

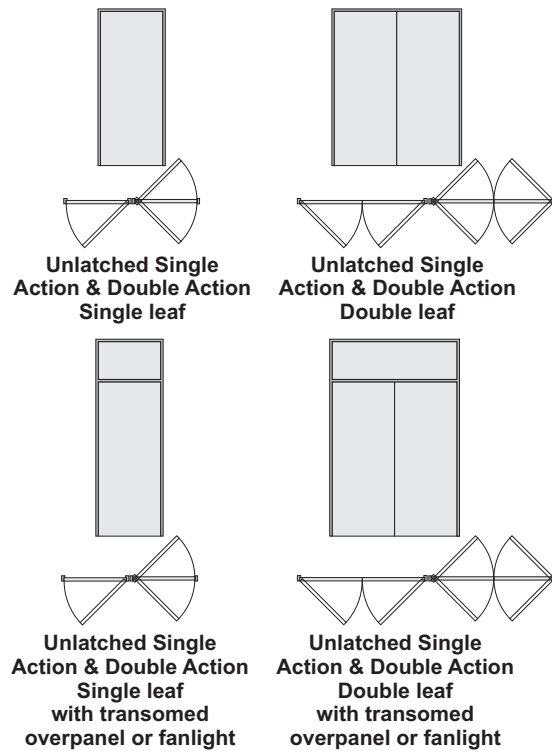
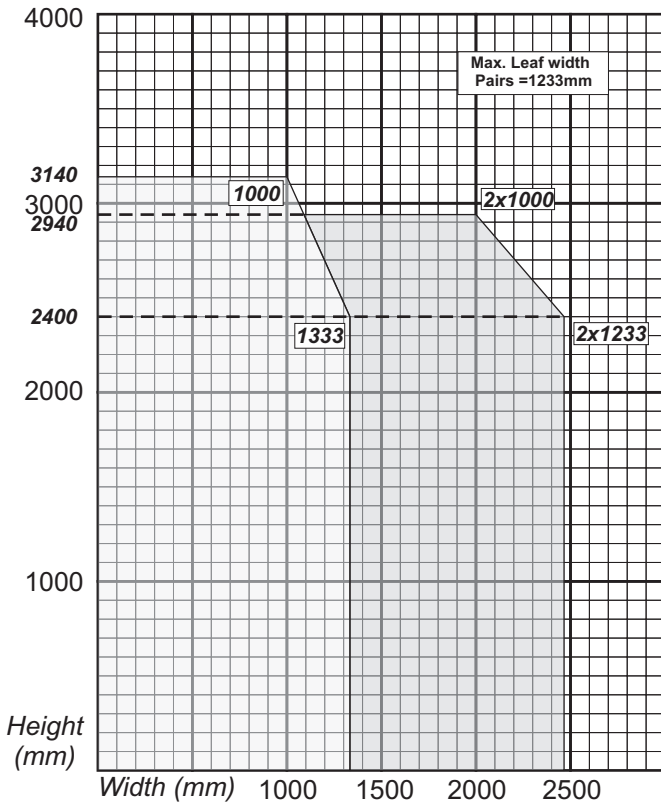
Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jams & Overpanel: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Meeting edges: Square: 2No. 10x4mm exposed and fitted centrally in one leaf only with 10mm separation. Rebated: NOT APPROVED.
--	--



Door Height Assemblies
&
Storey Height Assemblies with Transom
2No.10x4mm PVC encased Pyroplex
Rigid Box seal

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 2No 10x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 2No. 10x4mm exposed and fitted centrally in the leaf or frame head with 10mm separation. Jambs & 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.
---	--

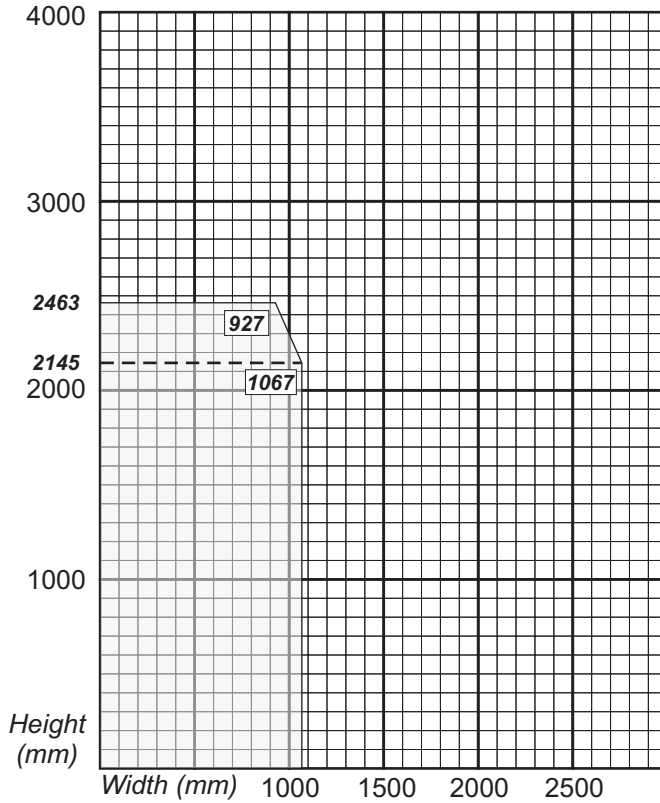


**Door Height Assemblies
&
Storey Height Assemblies with Transom**
**15x4mm PVC encased Pyroplex
Rigid Box seal**

Rev.D

FD30 - BS476 Pt.22 :1987

LATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2145	1067
	To	2463	927
Latched Single Action Double Door (LSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 1No. 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
--	--

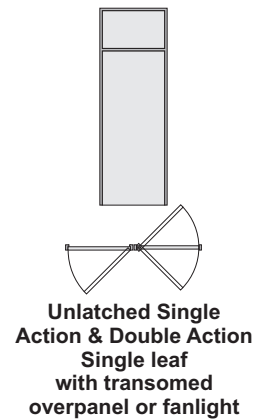
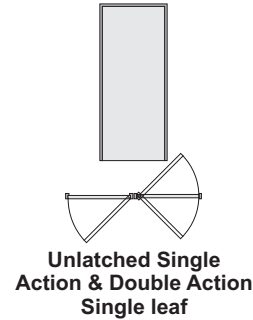
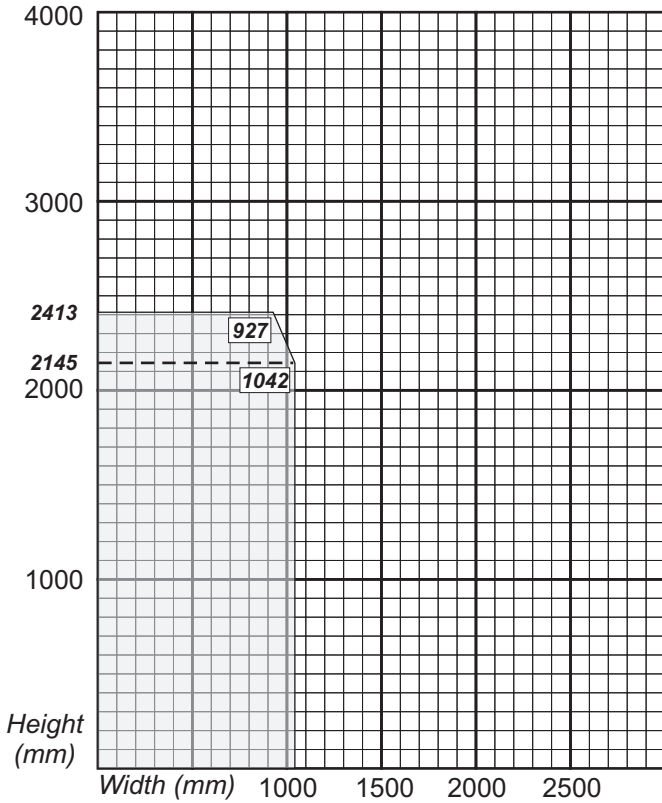


Door Height Assemblies
&
Storey Height Assemblies with Transom
**15x4mm PVC encased Pyroplex
Rigid Box seal**

Rev.D

FD30 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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	NOT APPROVED	NOT APPROVED
To	NOT APPROVED	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From	NOT APPROVED	NOT APPROVED
To	NOT APPROVED	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 15x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 1No. 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
--	---



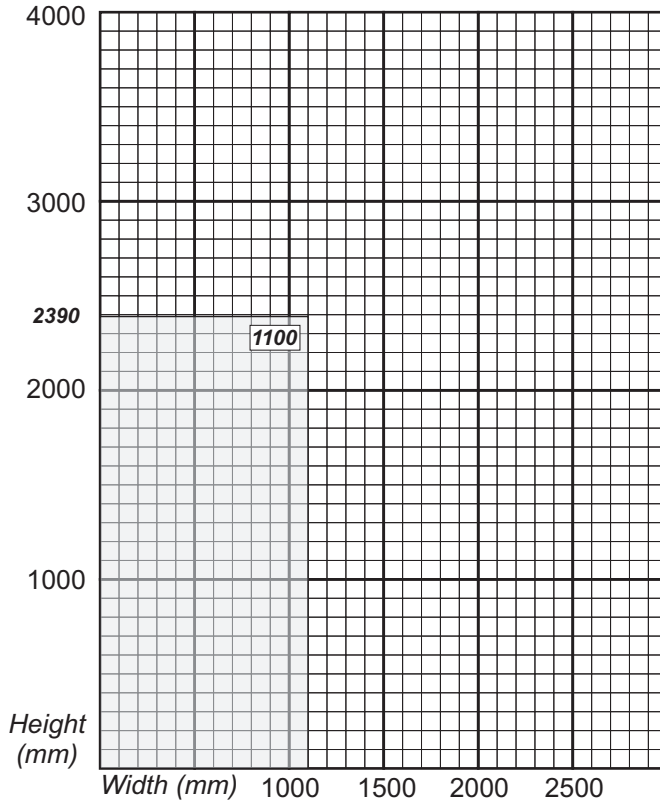
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Palusol P100

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	-----------------------------	--	---------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 15x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	--



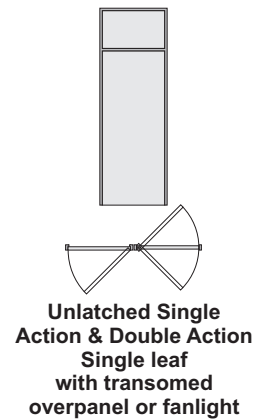
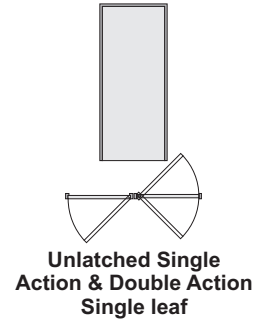
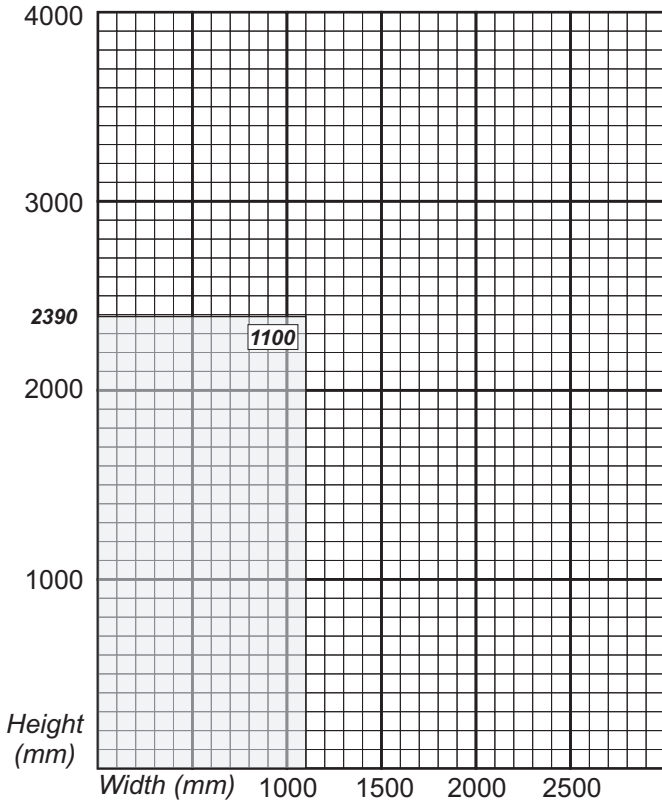
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Palusol P100

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	---	---

<p>Intumescent Seals 15x4mm PVC encapsulated Palusol 100</p> <p>See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.</p>
--	--



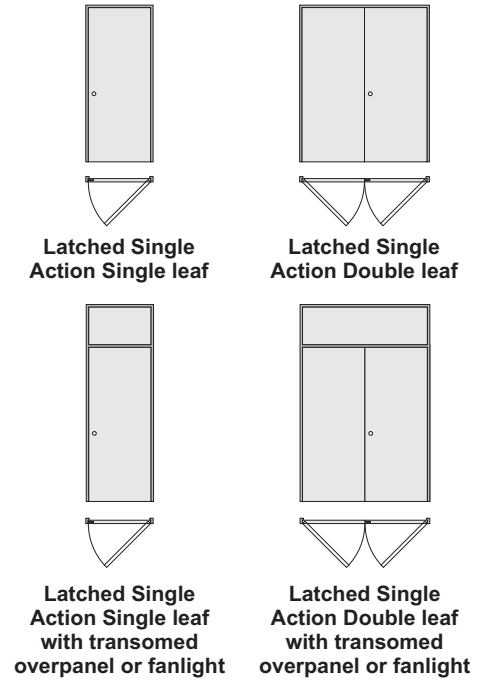
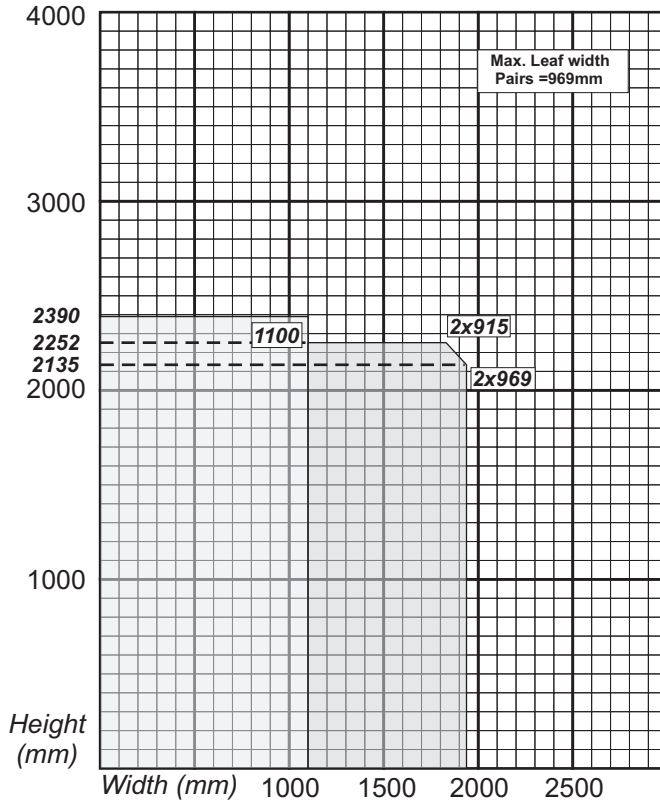
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Palusol P100

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset Double door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 20x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--



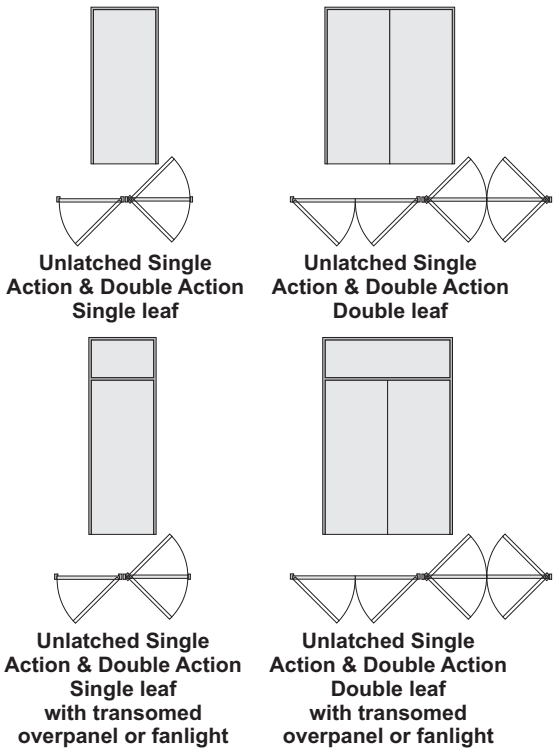
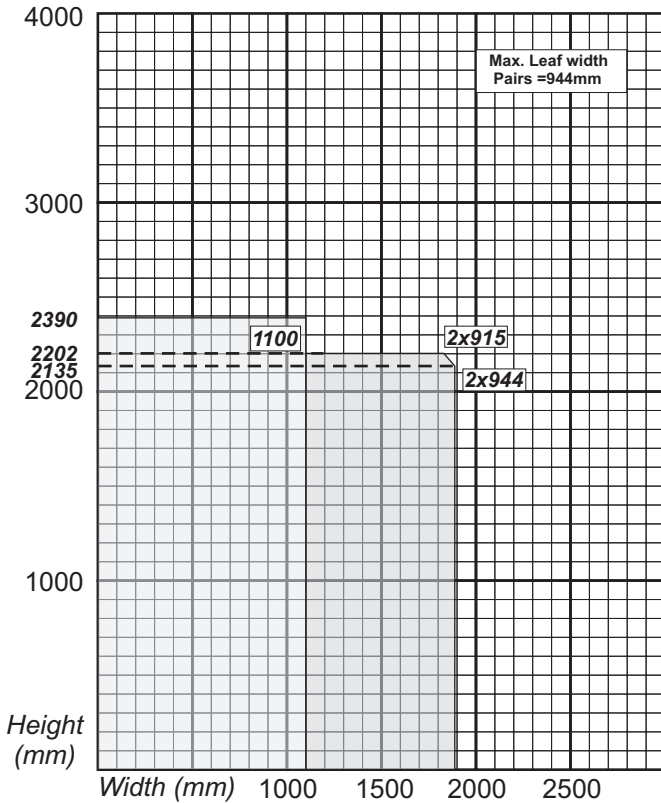
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Palusol P100

UNLATCHED DOORSETS



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	2202	915
Double Action Double Door (DADD)	From	2135	944
	To	2202	915

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 20x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
--	--



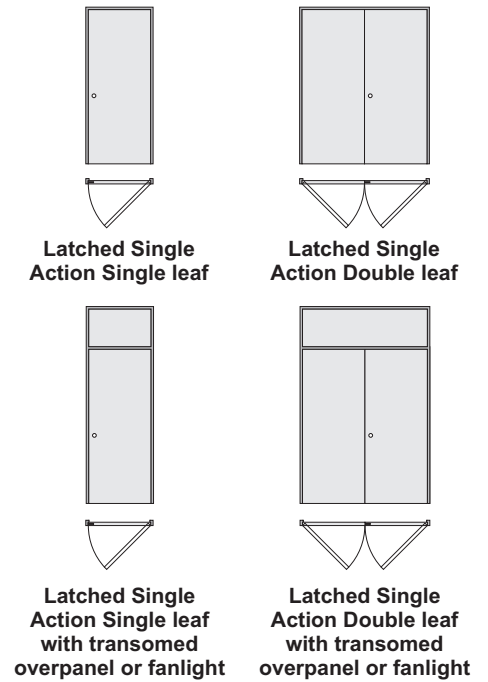
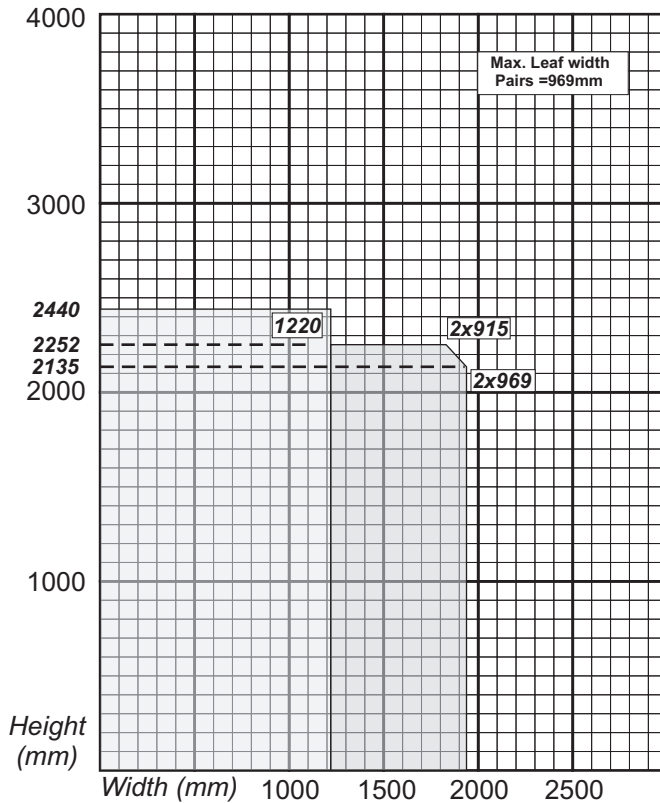
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Palusol P100

LATCHED DOORSETS



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

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

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset Double door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 25x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--



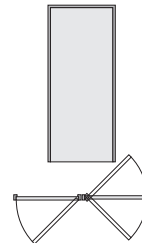
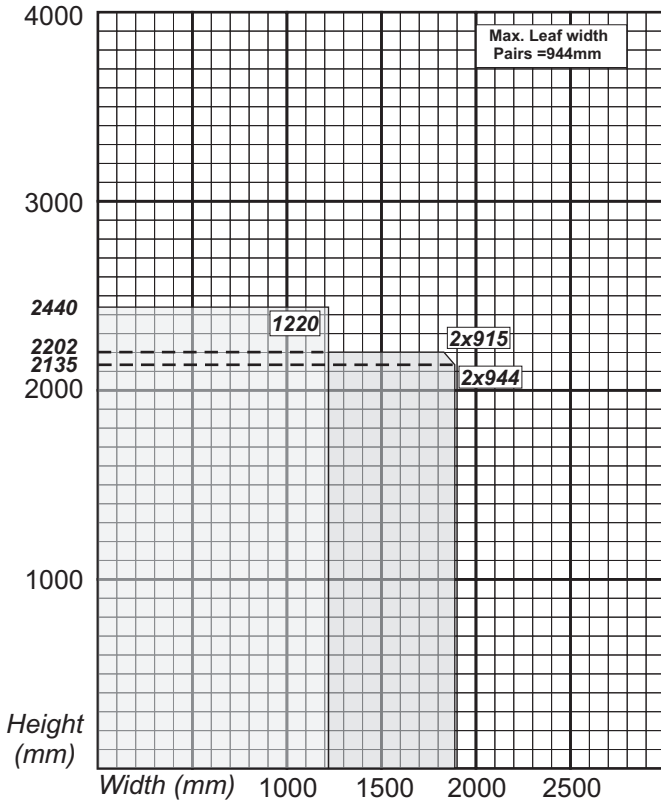
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

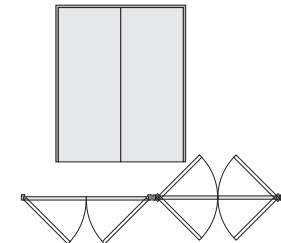
FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Palusol P100

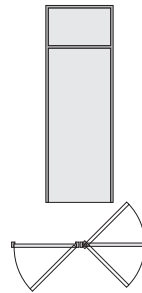
UNLATCHED DOORSETS



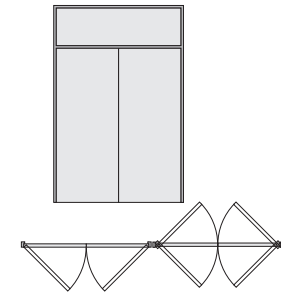
Unlatched Single Action & Double Action Single leaf



Unlatched Single Action & Double Action Double leaf



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



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

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

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 25x4mm PVC encapsulated Palusol 100 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
--	--



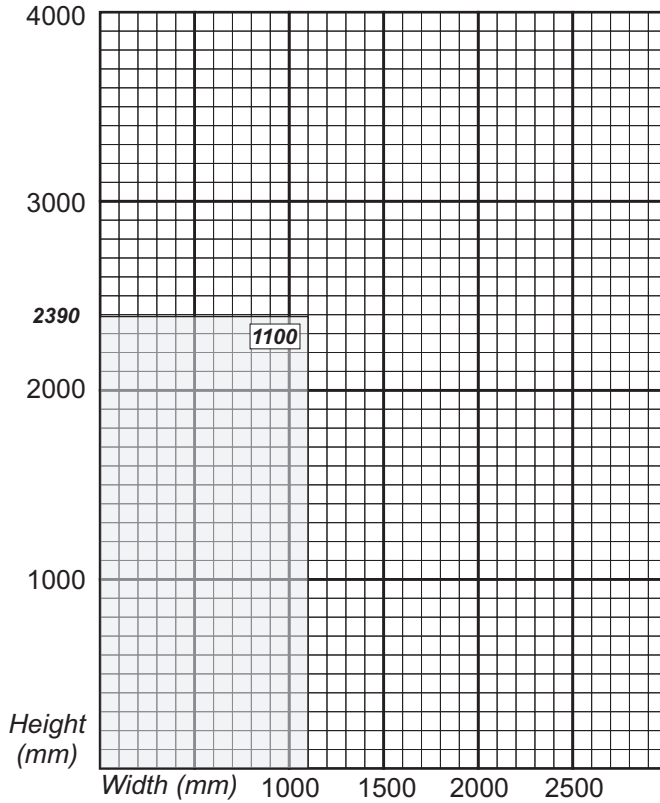
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Lorient 617

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 15x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
---	--



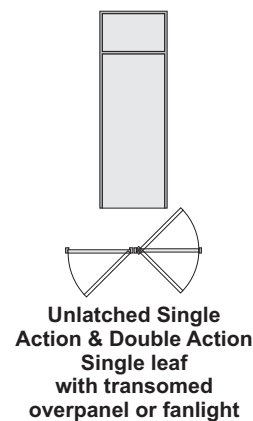
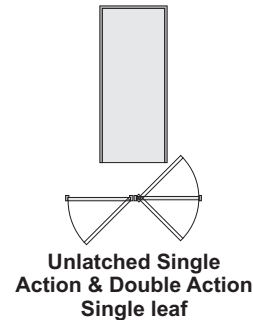
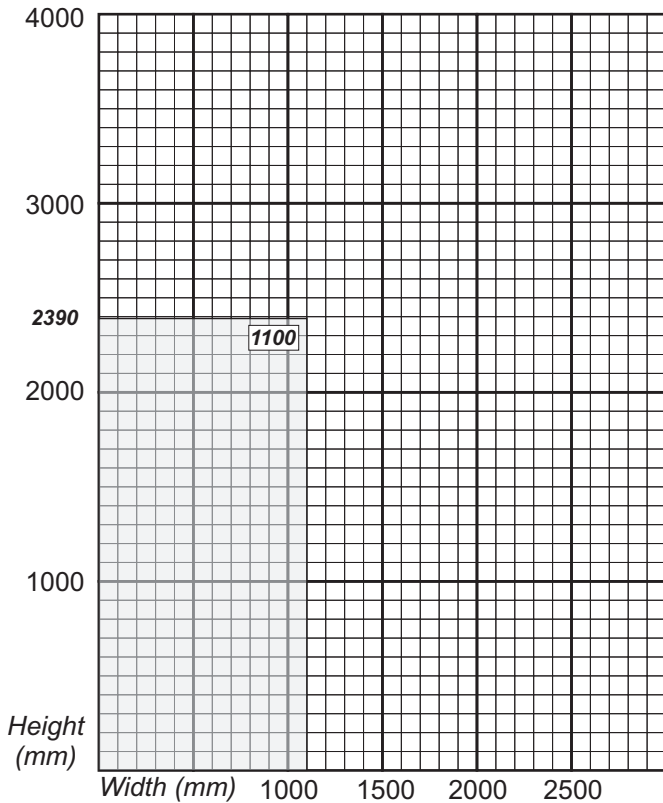
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

15x4mm PVC encased Lorient 617

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	1.15m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
--	--	--------------------	--------------------------	--	---------------

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	---	---

Intumescent Seals 15x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 15x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 15x4mm exposed and centrally fitted to leaf or frame. Meeting edges: NOT APPROVED.
--	--



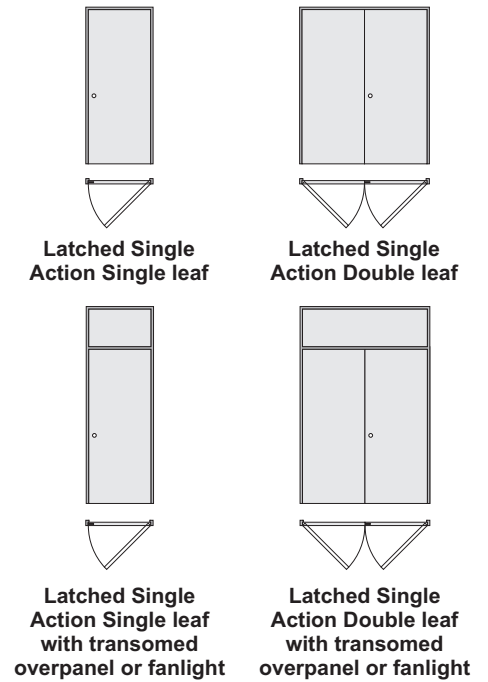
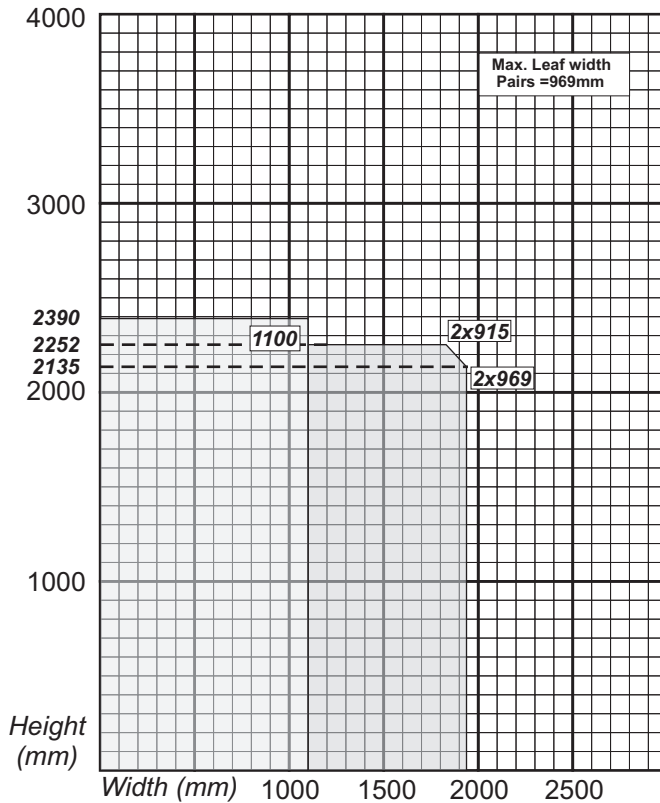
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

20x4mm PVC encased Lorient 617

LATCHED DOORSETS



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

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

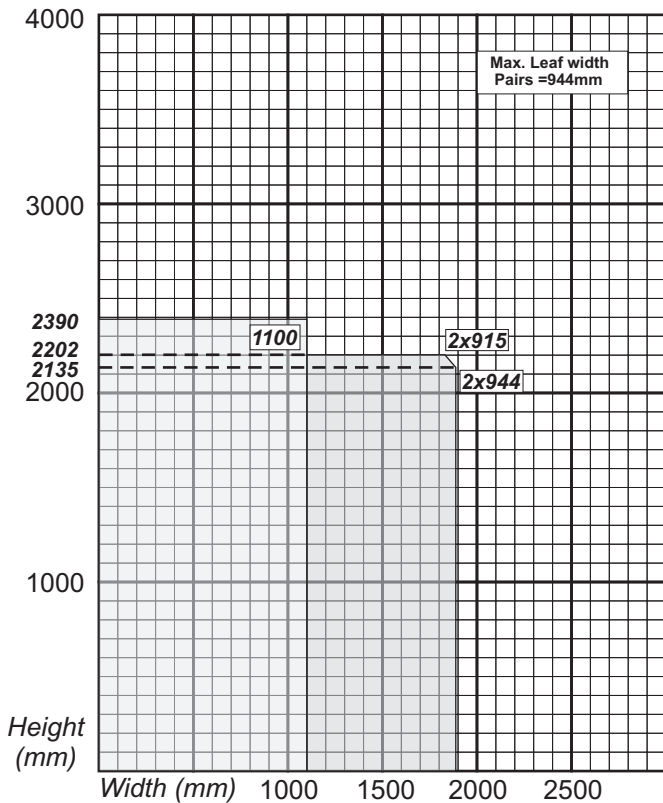
Frame Specification See Section 7 - Frames <i>NOTE: MDF frames are approved for door height doorsets (without transoms) only.</i>	Single door doorset Double door doorset <i>NOTE: Glazed fanlights approved for doorsets with 640kg/m³ Hardwood frames only.</i>	510kg/m³ Softwood or Hardwood OR 700kg/m³ MDF
--	--	--

Intumescent Seals 20x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--



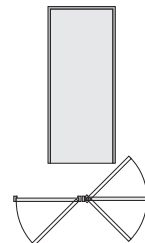
Door Height Assemblies
&
Storey Height Assemblies with Transom

20x4mm PVC encased Lorient 617

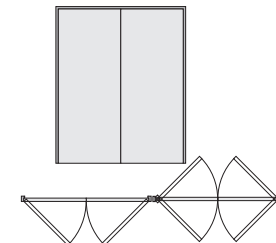


FD30 - BS476 Pt.22 :1987

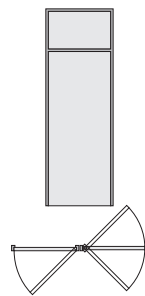
UNLATCHED DOORSETS



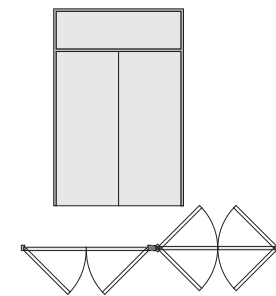
Unlatched Single Action & Double Action Single leaf



Unlatched Single Action & Double Action Double leaf



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



Unlatched Single Action & Double Action Double 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	2135 2202	944 915
Double Action Double Door (DADD)	From To	2135 2202	944 915

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

Intumescent Seals 20x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 20x4mm exposed and fitted centrally in the leaf or frame head. Jamb & Overpanel: 20x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
--	---



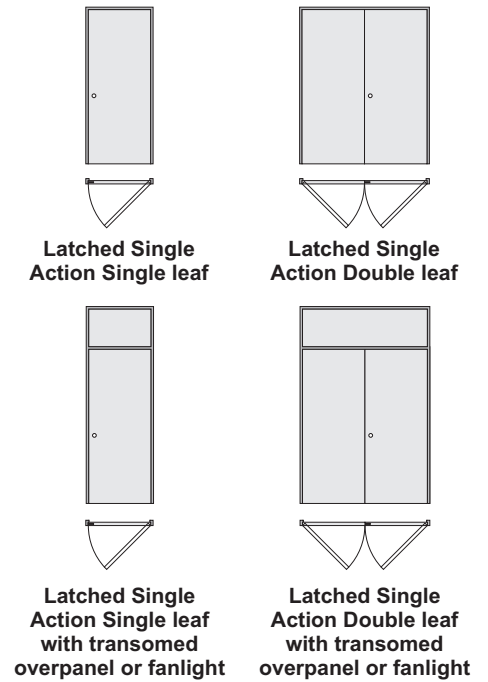
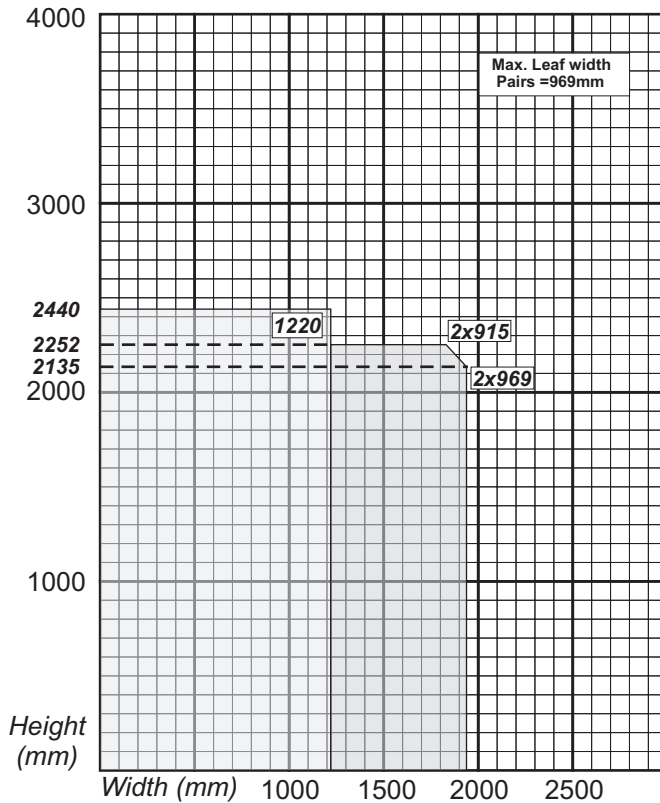
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Lorient 617

LATCHED DOORSETS



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

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
---	--	---

Intumescent Seals 25x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jams & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.
---	--

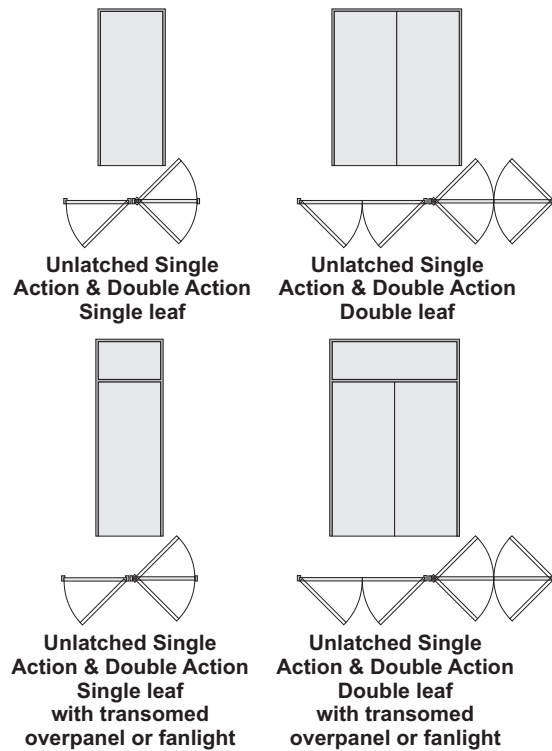
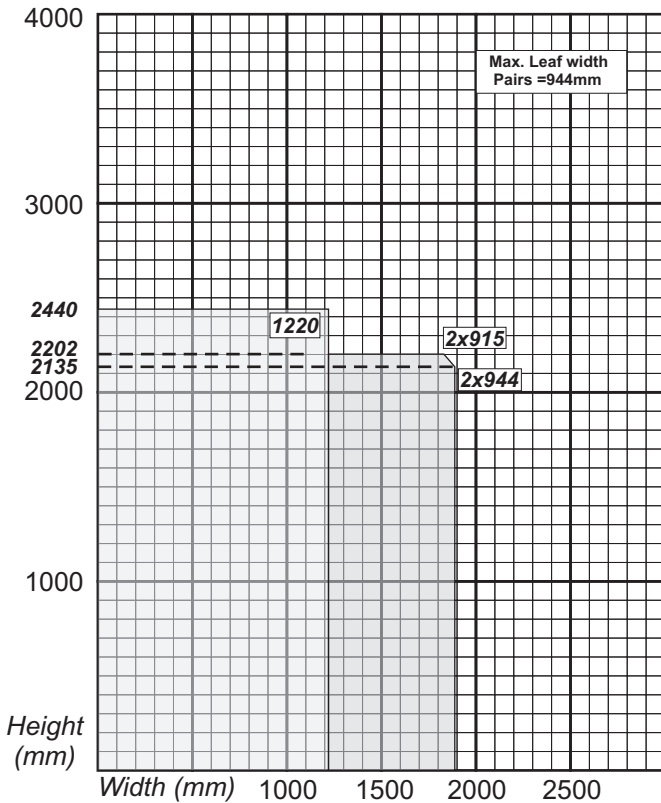


Door Height Assemblies
&
Storey Height Assemblies with Transom

FD30 - BS476 Pt.22 :1987

25x4mm PVC encased Lorient 617

UNLATCHED DOORSETS



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		915
Double Action Double Door (DADD)	From	2135	944
	To		915

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

Frame Specification See Section 7 - Frames NOTE: MDF frames are approved for door height doorsets (without transoms) only.	Single door doorset Double door doorset NOTE: Glazed fanlights approved for doorsets with 640kg/m ³ Hardwood frames only.	510kg/m ³ Softwood or Hardwood OR 700kg/m ³ MDF
--	--	---

<p>Intumescent Seals 25x4mm PVC encapsulated Lorient 617</p> <p>See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 25x4mm exposed and fitted centrally in the leaf or frame head. Jambs & Overpanel: 25x4mm exposed and centrally fitted to leaf or frame. Meeting edges: Square: 1No. 20x4mm seal fitted centrally in one meeting edge. Rebated: 1No. 10x4mm seal fitted centrally in the rebate of both leaf edges.</p>
---	--



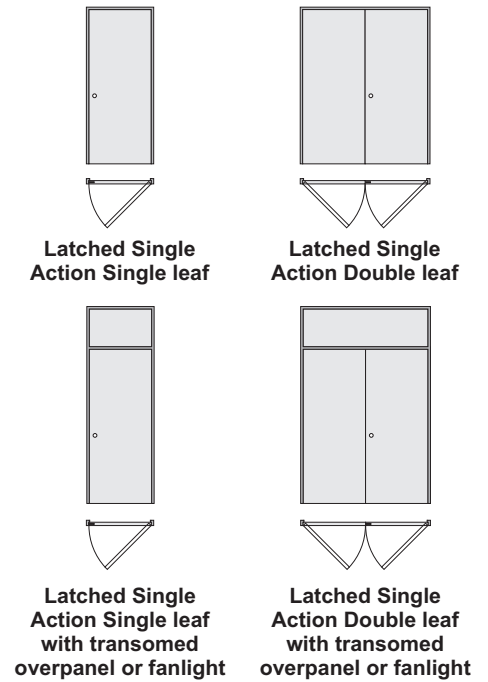
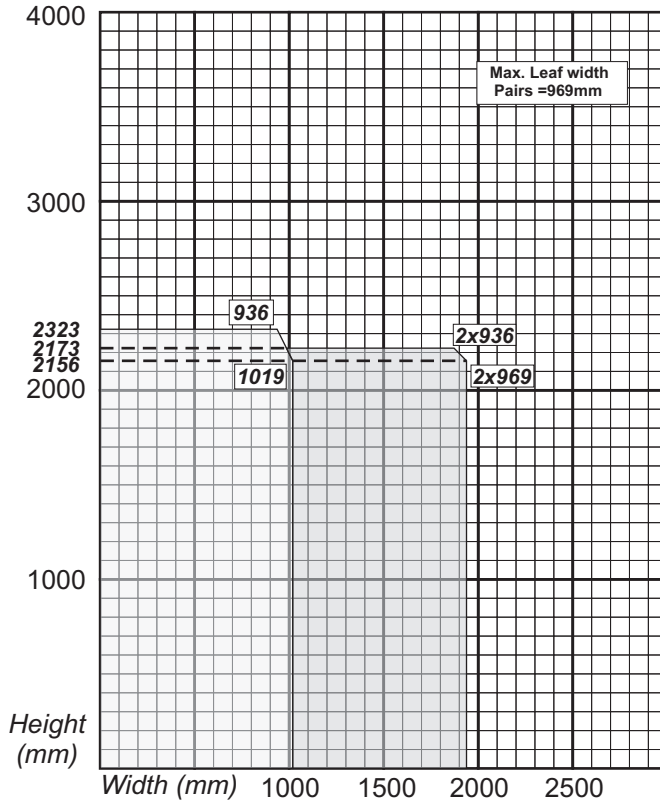
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**2x15x4 PVC
encased Pyroplex Rigid Box**

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames	Single door doorset Double door doorset	640kg/m ³ Hardwood
---	--	-------------------------------

Intumescent Seals 2x15x4mm PVC encapsulated Pyroplex Rigid Box See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 2No. 15x4mm exposed and fitted centrally in the frame head and separated by 5mm. Jams & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 5mm. Meeting edges: 2No. 15x4mm exposed and centrally fitted to one leaf and separated by 5mm.
--	---



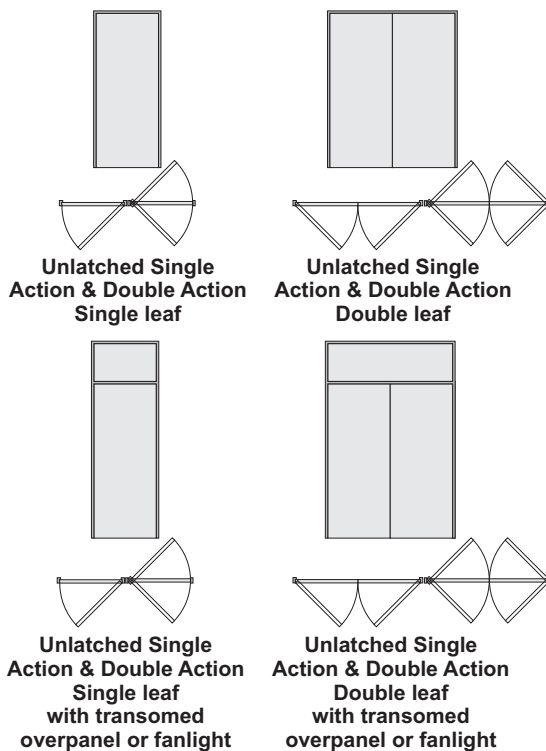
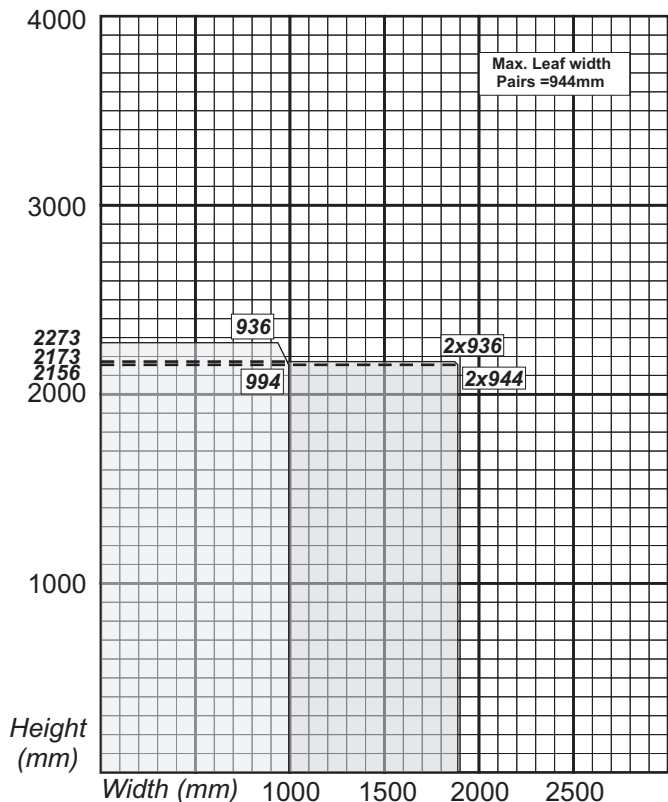
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**2x15x4 PVC
encased Pyroplex Rigid Box**

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames	Single door doorset Double door doorset	640kg/m ³ Hardwood
---	--	-------------------------------

<p>Intumescent Seals 2x15x4mm PVC encapsulated Pyroplex Rigid Box</p> <p>See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 2No. 15x4mm exposed and fitted centrally in the frame head and separated by 5mm.</p> <p>Jambs & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 5mm.</p> <p>Meeting edges: 2No. 15x4mm exposed and centrally fitted to one leaf and separated by 5mm.</p>
---	---



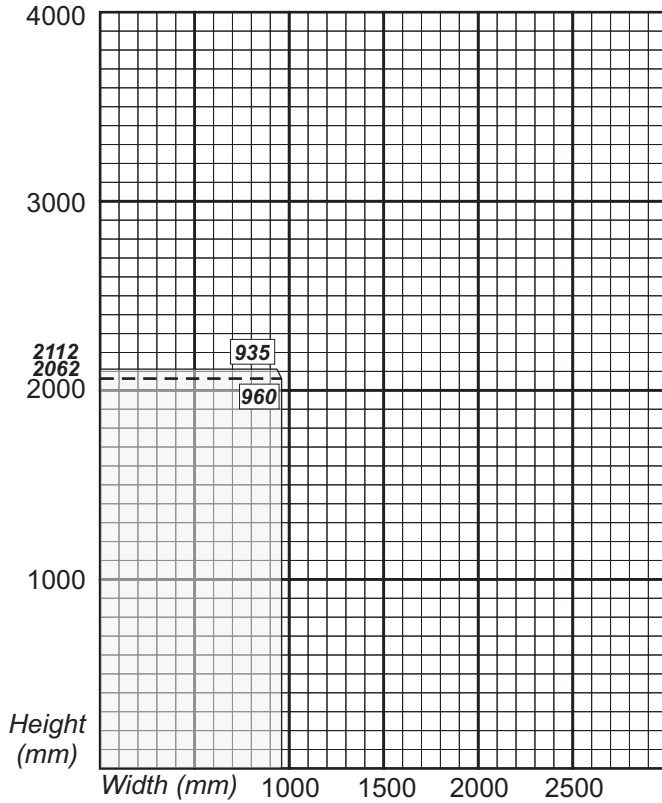
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**30x4mm + 2x15x4 PVC
encased Palusol**

LATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2062	960
	To	2112	935
Latched Single Action Double Door (LSADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Palusol See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jams & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: Not approved.
---	--



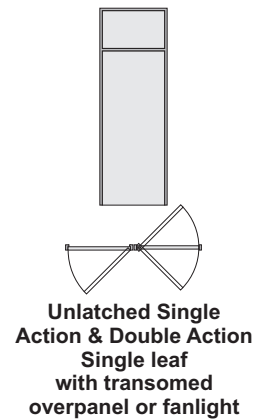
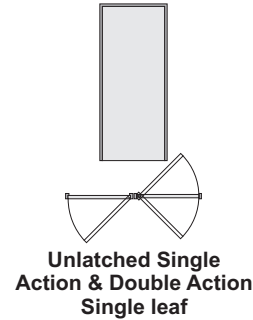
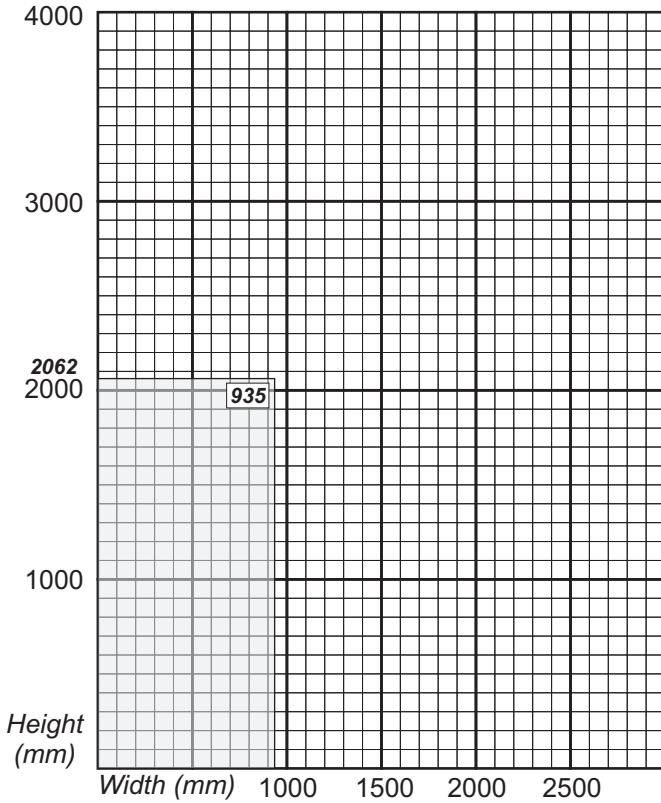
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

30x4mm + 2x15x4 PVC
encased Palusol

UNLATCHED DOORSETS



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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

<p>Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Palusol See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jambs & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.</p>
--	--



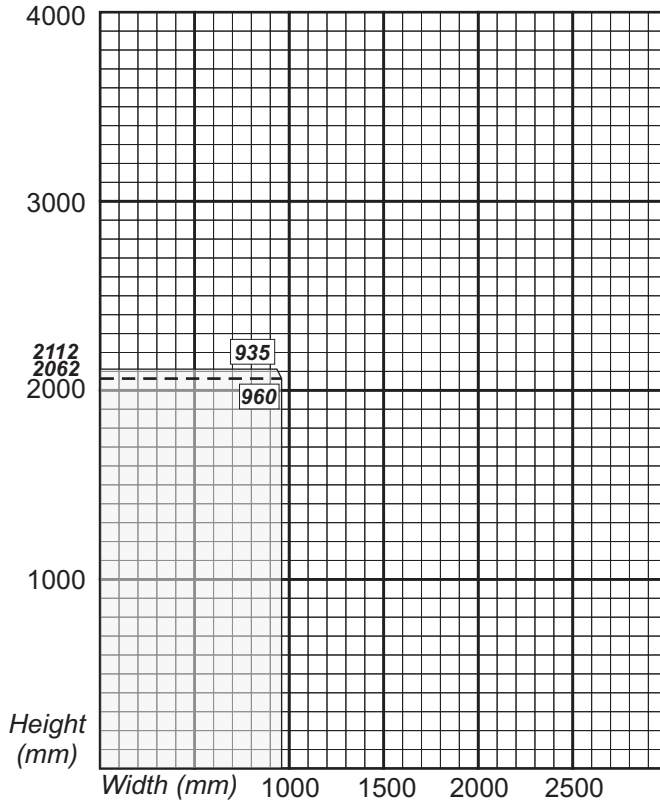
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**30x4mm + 2x15x4 PVC
encased Lorient 617**

LATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2062	960
	To	2112	935
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	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
---	--	--------------------	--------------------------	--	---------------

Frame Specification <i>See Section 7 - Frames</i>	Single door doorset	640kg/m ³ Hardwood
--	---------------------	-------------------------------

Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Lorient 617 <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 centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.
--	--



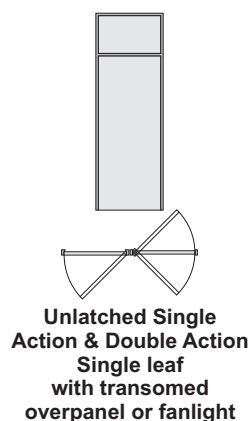
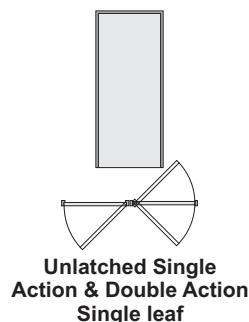
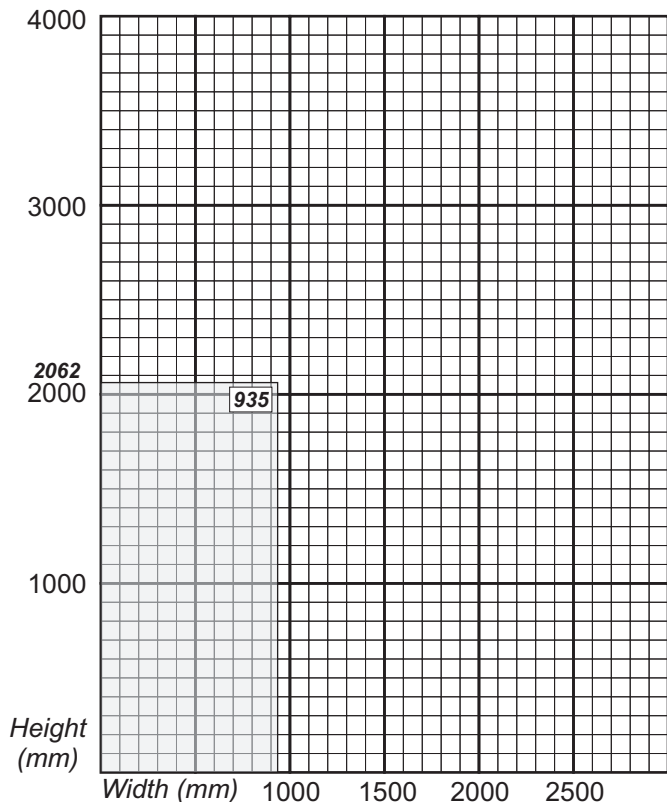
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

30x4mm + 2x15x4 PVC
encased Lorient 617

UNLATCHED DOORSETS



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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

<p>Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jambes & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.</p>
--	---



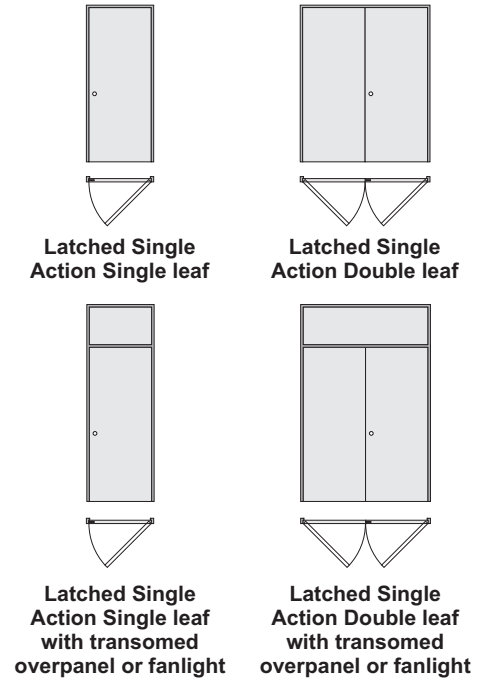
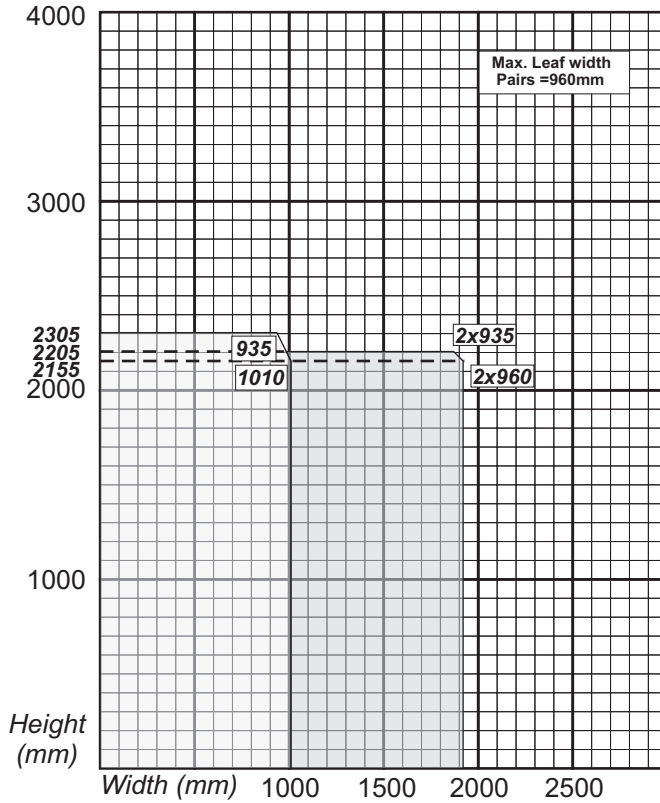
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

30x4mm + 2x15x4 PVC encased Pyrostrip 500P

LATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames	Single door doorset Double door doorset	640kg/m ³ Hardwood
---	--	-------------------------------

Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Pyrostrip 500P See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jams & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: 2No. 15x4mm exposed and centrally fitted in one leaf and separated by 8mm.
--	---

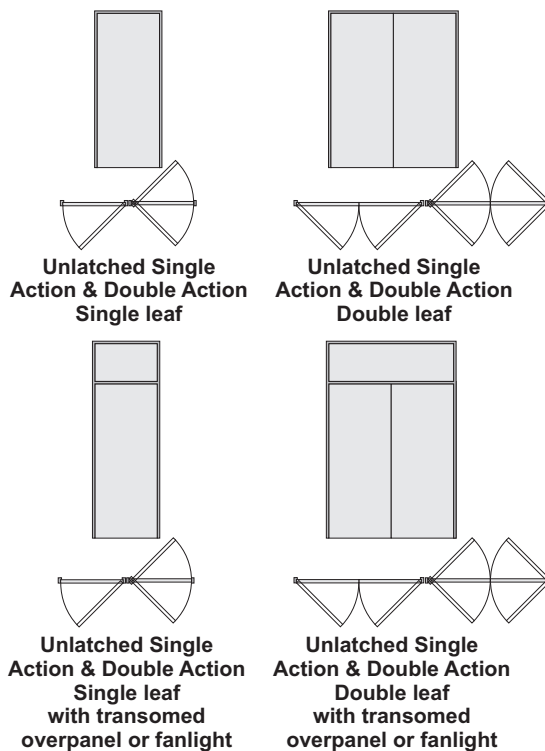
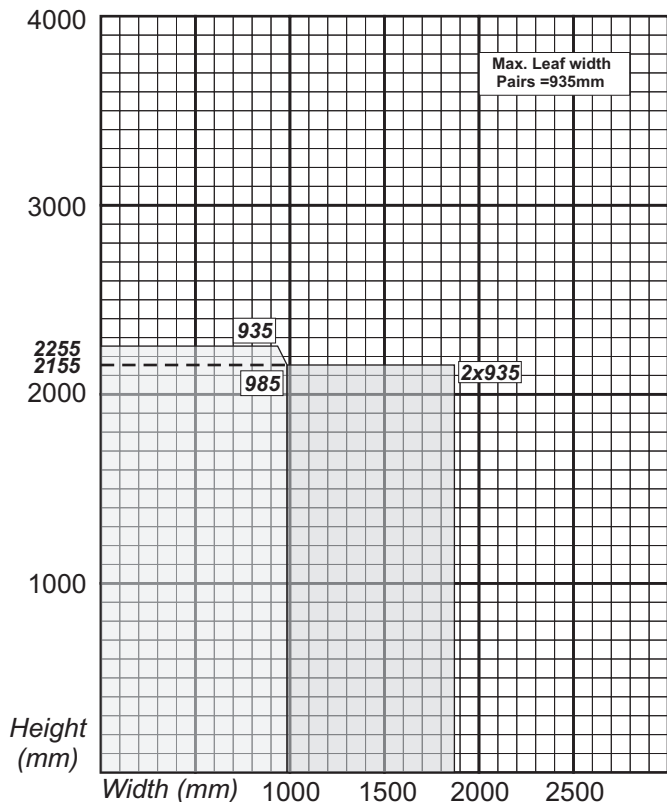


Door Height Assemblies
&
Storey Height Assemblies with Transom

30x4mm + 2x15x4 PVC
encased Pyrostrip 500P

FD60 - BS476 Pt.22 :1987

UNLATCHED DOORSETS



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 See Section 6 - Glazing	Single door doorset Double door doorset	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm 1500mm
--	--	--------------------	--------------------------	--	------------------

Frame Specification See Section 7 - Frames	Single door doorset Double door doorset	640kg/m ³ Hardwood
---	--	-------------------------------

<p>Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Pyrostrip 500P See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jambs & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: 2No. 15x4mm exposed and centrally fitted in one leaf and separated by 8mm.</p>
---	---



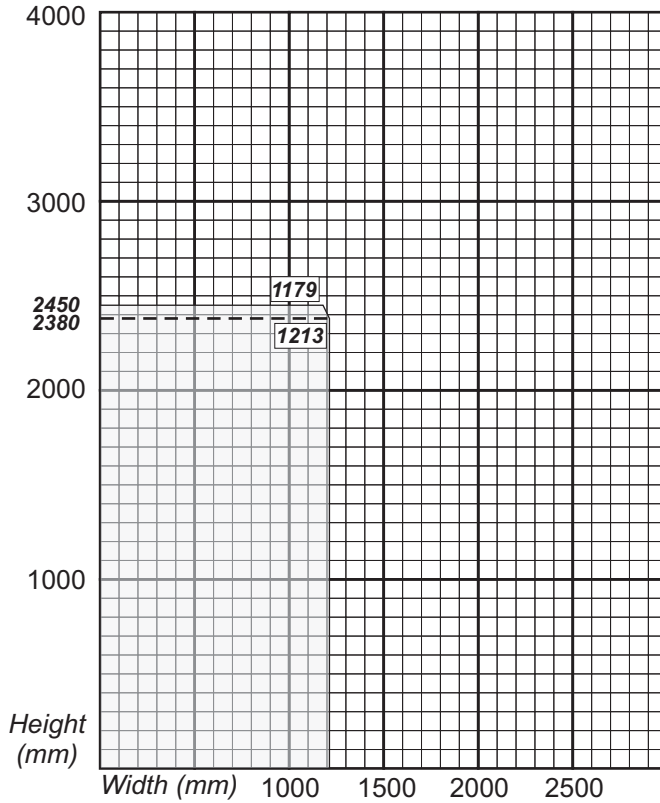
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**2x15x4 PVC
encased Pyrostrip 500P**

LATCHED DOORSETS



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

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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

Intumescent Seals 2x15x4mm PVC encapsulated Pyrostrip 500P See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 2No. 15x4mm exposed and fitted centrally in the frame head and separated by 10mm. Jams & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.
--	--



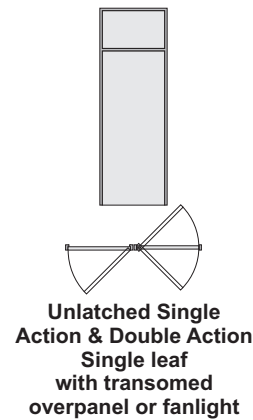
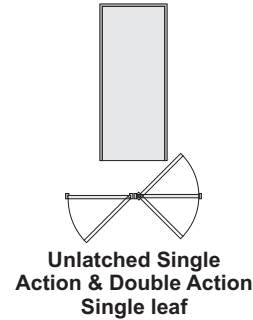
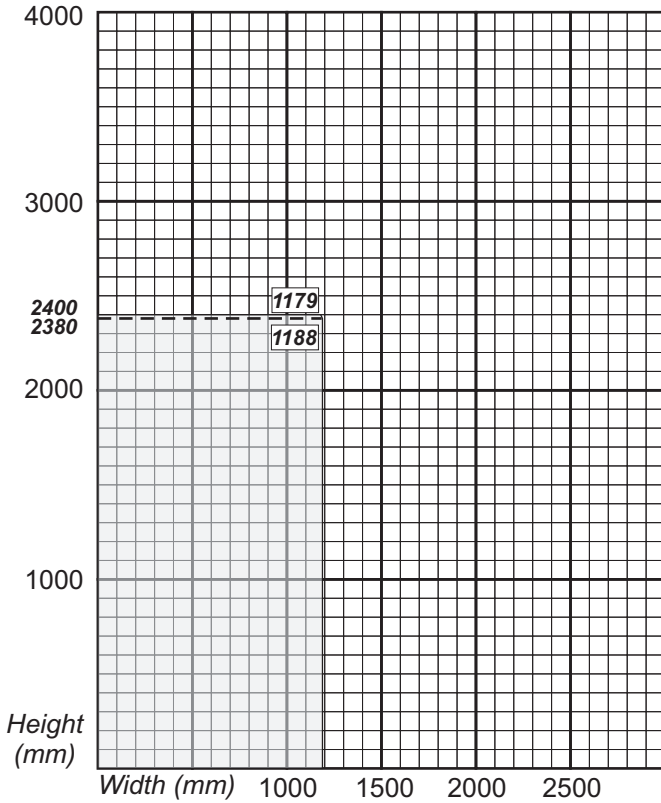
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

2x15x4 PVC
encased Pyrostrip 500P

UNLATCHED DOORSETS



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
Double Action Double Door (DADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

<p>Intumescent Seals 2x15x4mm PVC encapsulated Pyrostrip 500P</p> <p>See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 2No. 15x4mm exposed and fitted centrally in the frame head and separated by 10mm.</p> <p>Jams & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm.</p> <p>Meeting edges: NOT APPROVED.</p>
--	---



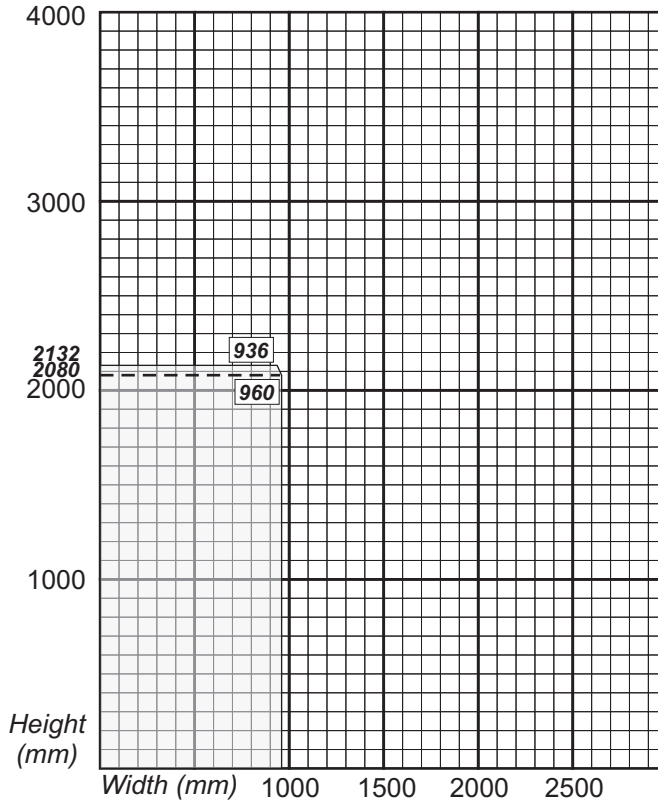
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**2x15x4 PVC
encased Pyroplex Rigid Box**

LATCHED DOORSETS



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
---	--	--------------------	--------------------------	--	---------------

Frame Specification <i>See Section 7 - Frames</i>	Single door doorset	640kg/m ³ Hardwood
--	---------------------	-------------------------------

Intumescent Seals 2x15x4mm PVC encapsulated 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 and separated by 5mm. Jamb & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 5mm. Meeting edges: NOT APPROVED.
---	--



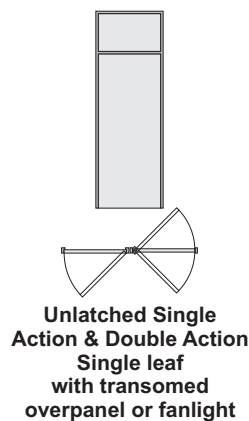
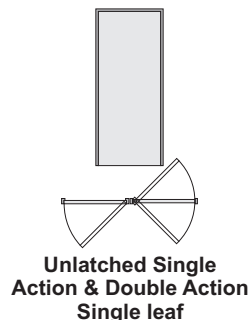
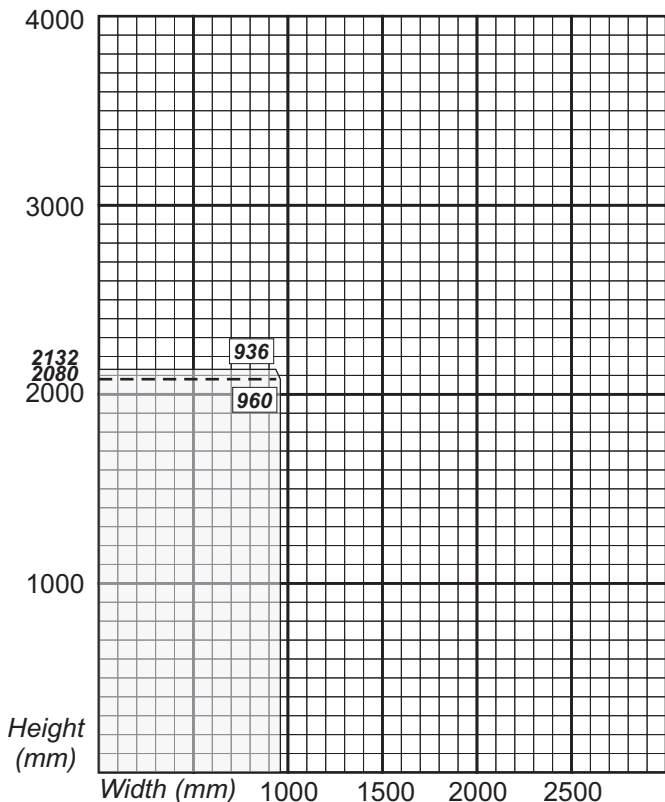
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**2x15x4 PVC
encased Pyroplex Rigid Box**

UNLATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2080	960
	To	2132	936
Double Action Single Door (DASD)	From	2080	960
	To	2132	936
Unlatched Single Action Double Door (ULSADD)	From	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

<p>Intumescent Seals 2x15x4mm PVC encapsulated Pyroplex Rigid Box</p> <p>See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 2No. 15x4mm exposed and fitted centrally in the frame head and separated by 5mm. Jambs & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 5mm. Meeting edges: NOT APPROVED.</p>
---	--



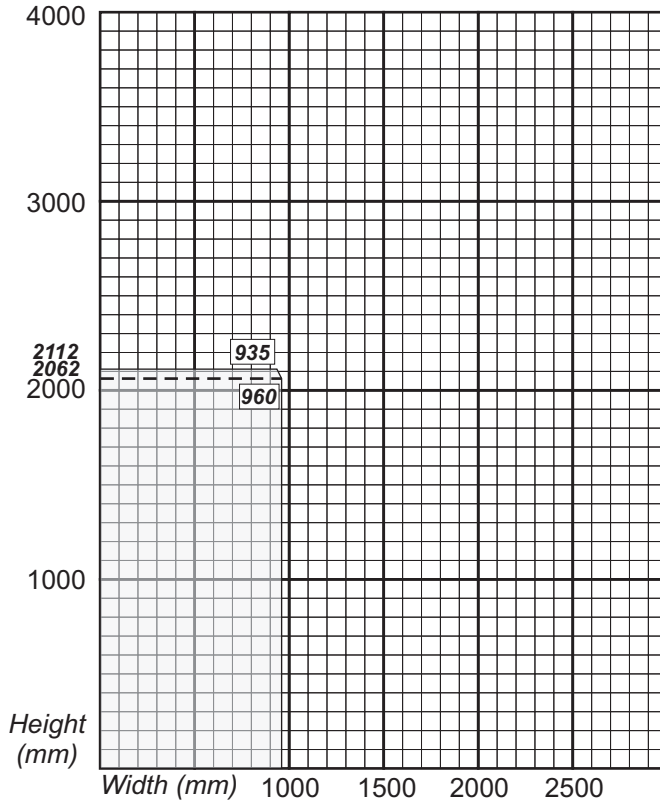
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**30x4mm + 2x15x4 PVC
encased Palusol**

LATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2062	960
	To	2112	935
Latched Single Action Double Door (LSADD)	From To	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Palusol See Section 4 - Intumescent Seals and Section 8 - Hardware	Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jams & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.
---	--

70

Fire Door Applications
FLAMEBREAK FF660

FLAMEBREAK



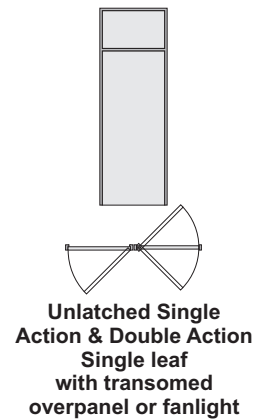
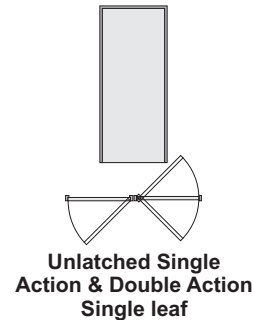
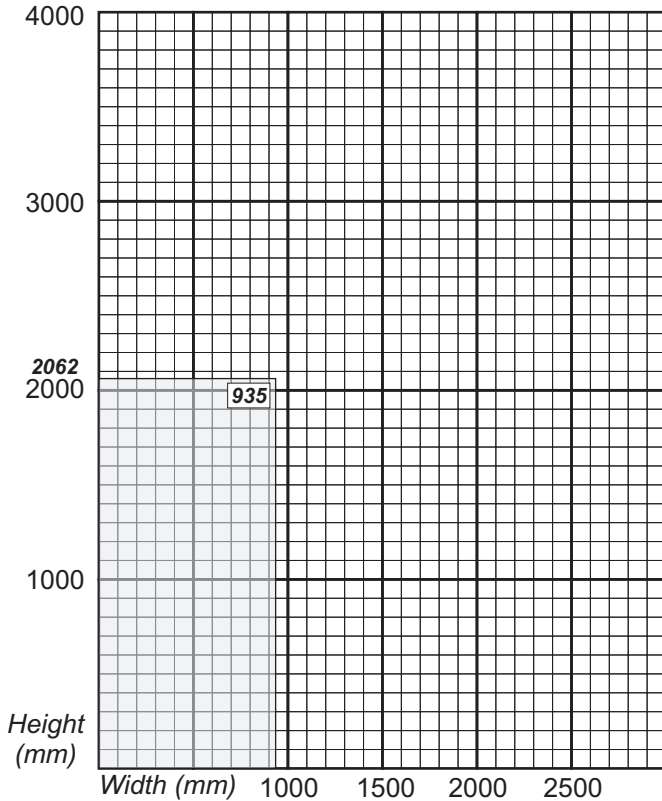
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

30x4mm + 2x15x4 PVC
encased Palusol

UNLATCHED DOORSETS



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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

<p>Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Palusol See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jamb's & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.</p>
--	---



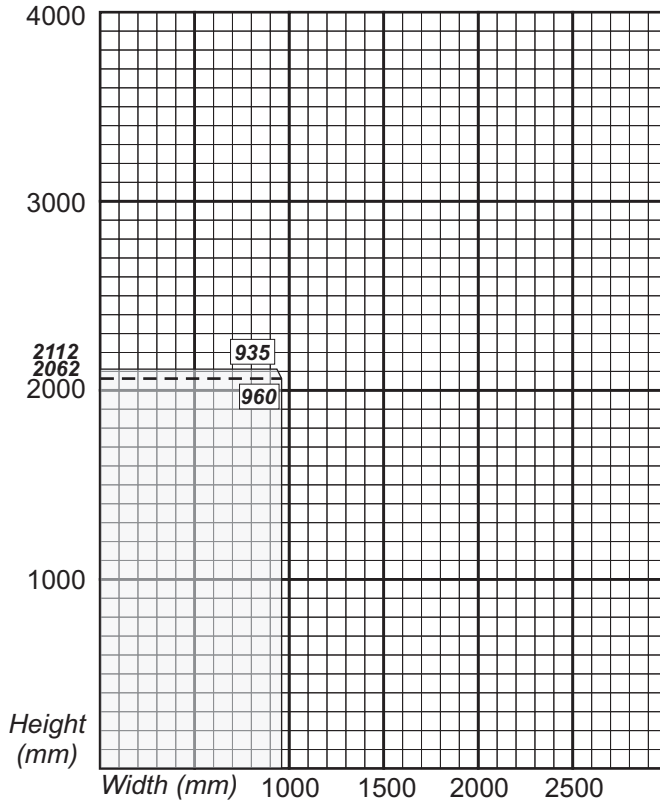
**Door Height Assemblies
&
Storey Height Assemblies with Transom**

Rev.D

FD60 - BS476 Pt.22 :1987

**30x4mm + 2x15x4 PVC
encased Lorient 617**

LATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2062	960
	To	2112	935
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
---	--	--------------------	--------------------------	--	---------------

Frame Specification <i>See Section 7 - Frames</i>	Single door doorset	640kg/m ³ Hardwood
--	---------------------	-------------------------------

Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Lorient 617 <i>See Section 4 - Intumescent Seals and Section 9 - Hardware</i>	Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jams & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.
--	--



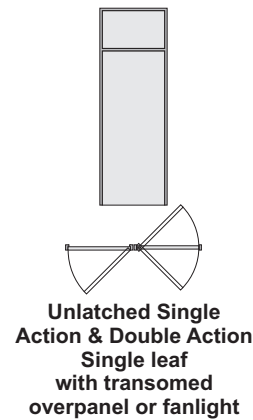
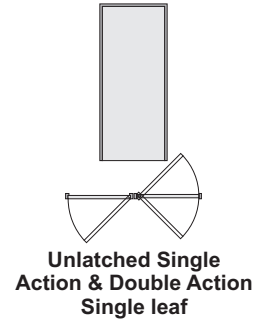
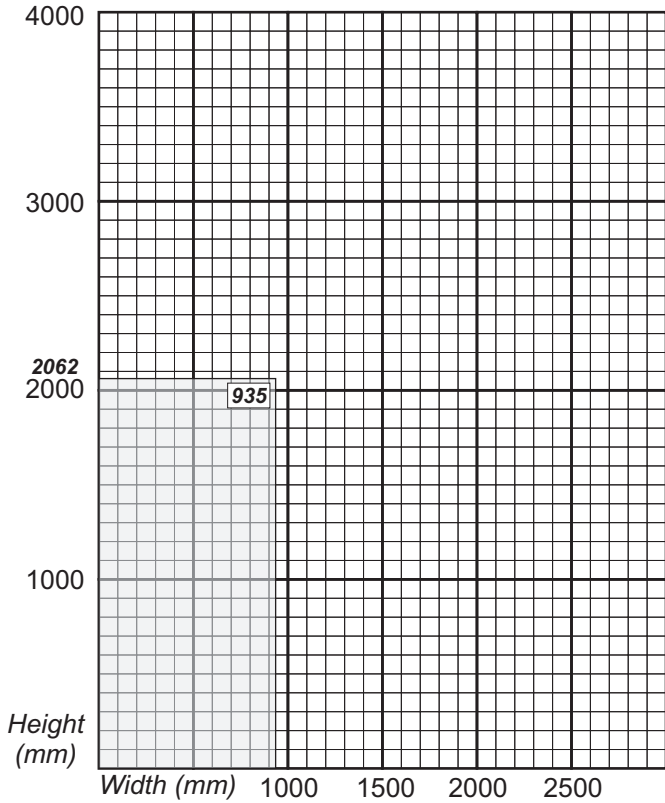
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

30x4mm + 2x15x4 PVC
encased Lorient 617

UNLATCHED DOORSETS



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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

<p>Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Lorient 617 See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jambs & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.</p>
--	--



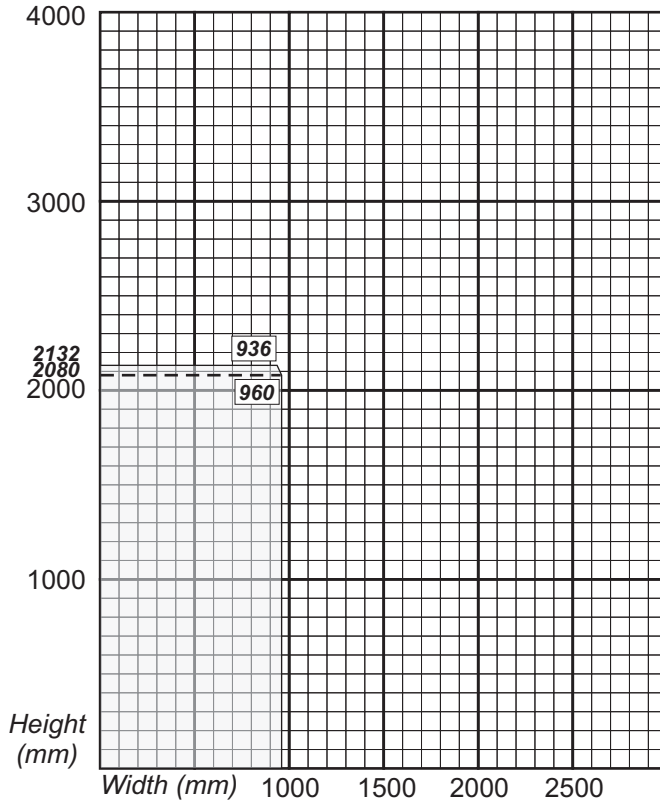
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

30x4mm + 2x15x4 PVC encased Pyrostrip 500P

LATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2080	960
	To	2132	936
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	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
---	--	--------------------	--------------------------	--	---------------

Frame Specification <i>See Section 7 - Frames</i>	Single door doorset	640kg/m ³ Hardwood
--	---------------------	-------------------------------

<p>Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Pyrostrip 500P <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 centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.</p>
--	---



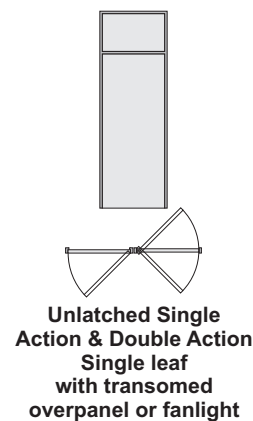
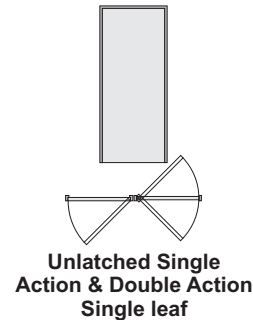
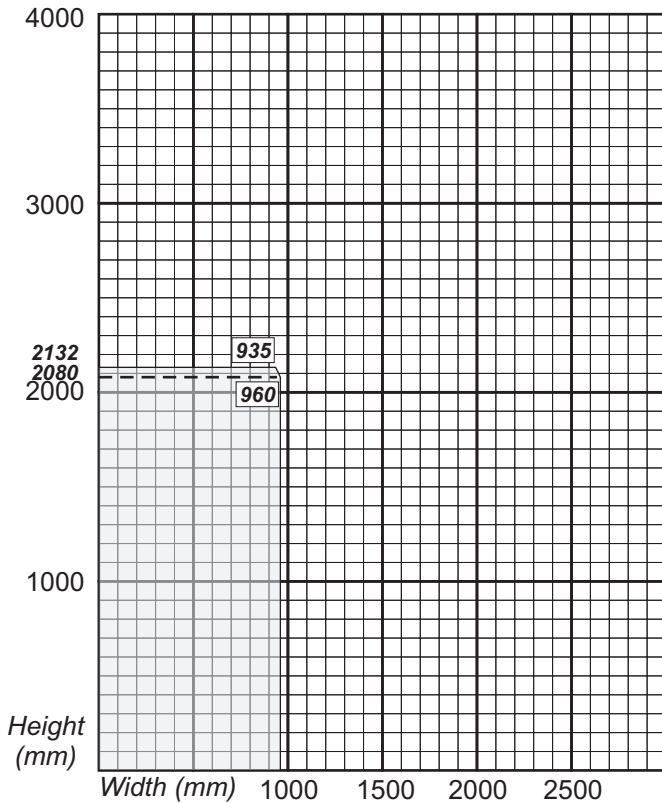
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

30x4mm + 2x15x4 PVC
encased Pyrostrip 500P

UNLATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2080	960
	To	2132	935
Double Action Single Door (DASD)	From	2080	960
	To	2132	935
Unlatched Single Action Double Door (ULSADD)	From	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

<p>Intumescent Seals 30x4mm + 2x15x4mm PVC encapsulated Pyrostrip 500P See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 1No. 30x4mm exposed and fitted centrally in the frame head. Jamb's & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.</p>
---	---



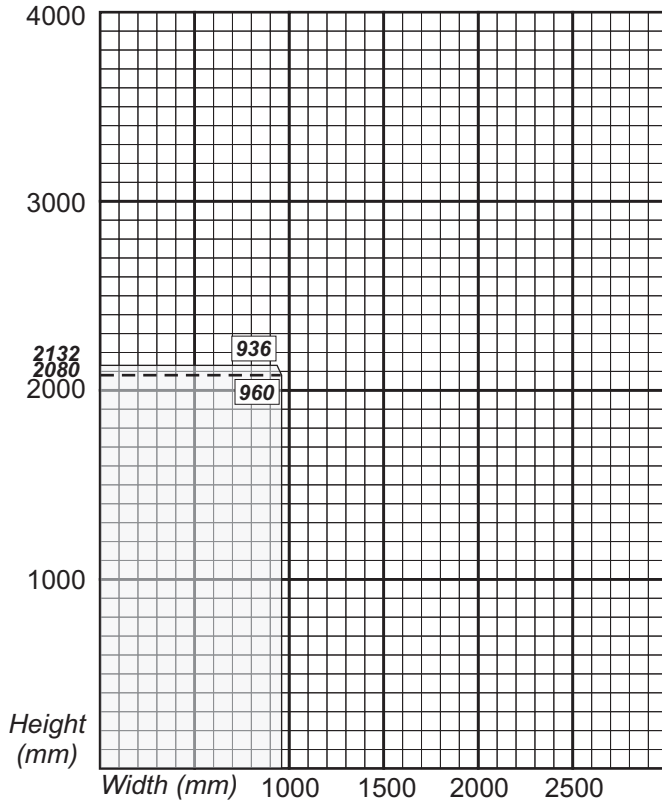
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**2x15x4 PVC
encased Pyrostrip 500P**

LATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Latched Single Action Single Door (LSASD)	From	2080	960
	To	2132	936
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	0.72m ²	Maximum Overpanel height	Single door doorset Double door doorset	2000mm N/A
---	--	--------------------	--------------------------	--	---------------

Frame Specification <i>See Section 7 - Frames</i>	Single door doorset	640kg/m ³ Hardwood
--	---------------------	-------------------------------

Intumescent Seals 2x15x4mm PVC encapsulated Pyrostrip 500P <i>See Section 4 - Intumescent Seals and Section 8 - Hardware</i>	Head: 2No. 15x4mm exposed and fitted centrally in the frame head and separated by 10mm. Jams & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.
---	--



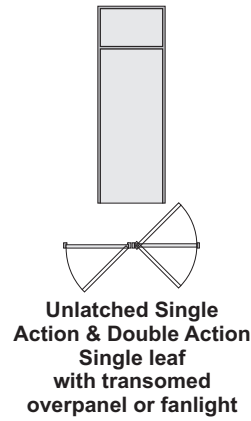
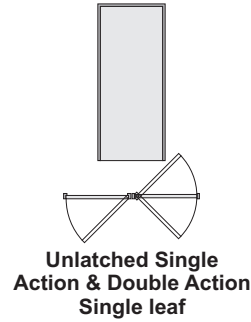
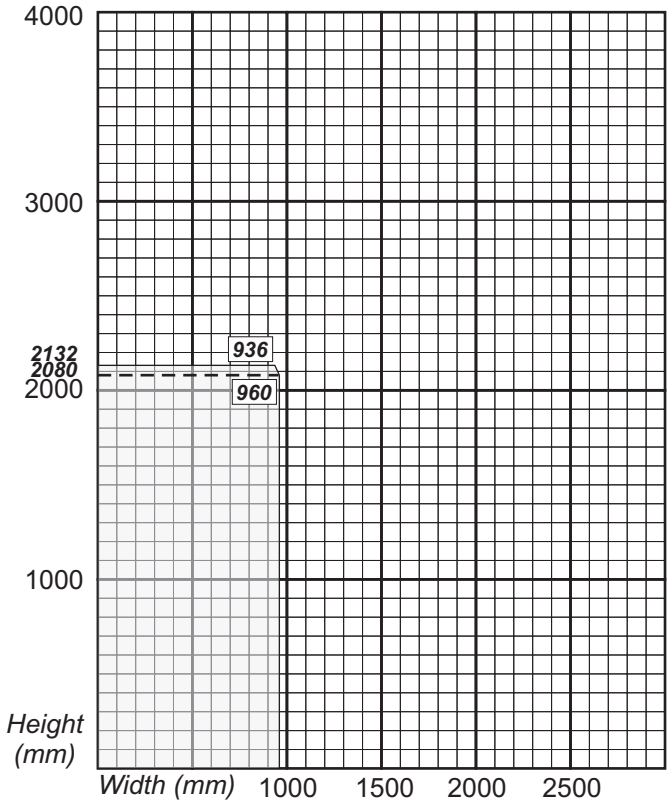
Door Height Assemblies
&
Storey Height Assemblies with Transom

Rev.D

FD60 - BS476 Pt.22 :1987

**2x15x4 PVC
encased Pyrostrip 500P**

UNLATCHED DOORSETS



Configuration		Height (mm)	Width (mm)
Unlatched Single Action Single Door (ULSASD)	From	2080	960
	To	2132	936
Double Action Single Door (DASD)	From	2080	960
	To	2132	936
Unlatched Single Action Double Door (ULSADD)	From	NOT APPROVED	NOT APPROVED
Double Action Double Door (DADD)	From	NOT APPROVED	NOT APPROVED
	To	NOT APPROVED	NOT APPROVED

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

Frame Specification See Section 7 - Frames	Single door doorset	640kg/m ³ Hardwood
---	---------------------	-------------------------------

<p>Intumescent Seals 2x15x4mm PVC encapsulated Pyrostrip 500P</p> <p>See Section 4 - Intumescent Seals and Section 8 - Hardware</p>	<p>Head: 2No. 15x4mm exposed and fitted centrally in the frame head and separated by 10mm. Jams & Overpanel: 2No. 15x4mm exposed and centrally fitted to the frame and separated by 10mm. Meeting edges: NOT APPROVED.</p>
---	---