



ABLOY®  DOOR

Safe and Secure Solution

PRODUCT CATALOGUE

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Steel Doorsets



Abloy UK is synonymous with exceptional product quality and attention to detail; and this can now be transposed to the doorset, providing the complete security locking solution from a single source.

Our steel doors, sourced from within the Assa Abloy Group have been specified for a diverse range of major construction projects for over 20 years, from commercial offices and telecommunication facilities to pharmaceutical and chemical plants, as well as military bases, transport hubs and leisure stadia.

ABLOY UK will protect people, property and assets within any commercial building. ABLOY doors offer maximum protection from theft, vandalism and attack, and are available in a variety of specifications to suit all levels of security risk.

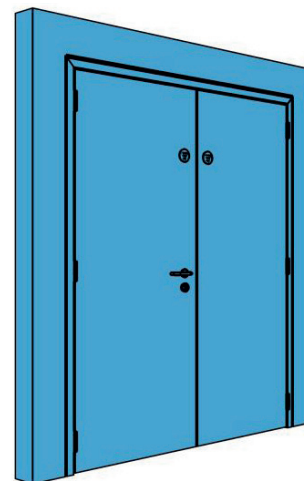
The ABLOY doors offer a comprehensive range of pre-engineered security door sets specifically designed for either internal or external use on a variety of building applications. The Security Series range of doors has been designed to meet the needs of a broad spectrum of security requirements.

Our security doors have been designed and tested to withstand many form of assault, including prolonged attack with power tools, to satisfy registration of our products with Secured by Design and in accordance with British and European standards, including the UK Loss Prevention Certification Board LPS 1175 Standard.

Carrick - Standard Security

Specification

- Single, double and leaf and a half configurations
- Inward and outward opening
- Overhead panels and side panels
- Project specific frame profiles with a variety of frame fixing options
- Full range of ASSA ABLOY hardware options
- Available with a range of vision panels including single, double and triple glazed with a variety of window beading styles
- Upgradable for fire rating
- Upgradable for increased sound reduction
- Galvanised steel construction with an optional upgrade to stainless steel



Standards



- Upgradable to FD30(S) - FD240(S) in accordance with BS 476 Part 22: 1987
- Upgradable to E30 - E240 in accordance with EN 1634-1: 2008
- Upgradable to BSEN ISO 140 Pt 3
- BSEN 14351-1: 2006 + A1 2010
- Most standard configurations are available as Certifire compliant and are therefore regularly audited and approved by third party to ensure continued conformity

Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



Healthcare



Education



Utilities



Museums and art

Carrick - Standard Security

Technical Data

- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6 W/m²k depending on hardware and glazing options
- Typical insulation value: High density mineral wool core 3.1 - 4.8 W/m²k depending on hardware and glazing options
- Stainless steel dog bolt hinges to increase resistance to attack

Standard Leaf Construction

- SMARTform Technology featuring a continuous 'deep pocket' interlocking lock seam to all edges for superior strength and durability. SMARTform Technology reduces both material and energy waste, resulting in a sustainable environmentally friendly product
- Two skins of 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- 44mm thick door leaf with no face seams
- The core is insulated and sound deadened with pre-expanded, small cell honeycomb core material and laminated under heat and pressure to the face skins
- Doors are complete with lock and hardware reinforcements engineered to give high performance throughout the life of the door
- Door edges are bevelled for ease of operation and close fit
- Doors are mortised, reinforced, drilled and tapped for three templated hinges
- A fully flush integral astragal is folded into the leading edge of one leaf to increase security and reduce the chance of water ingress

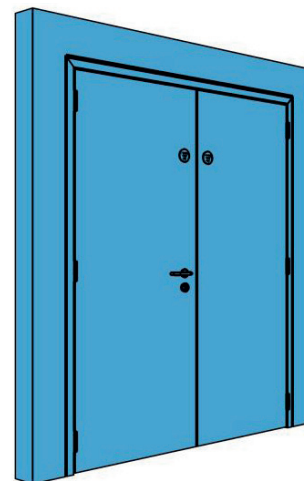
Standard Frame Construction

- Powershield bespoke frame adjuster system which provides enhanced security, ease of installation and a durable and permanent fixing
- Manufactured from 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- Supplied in either knock down for easy site assembly or fully welded smooth finish
- Frames are mortised, reinforced, drilled and tapped for hinges and strikes
- Frames are provided with a minimum of four fixings per jamb. Fixing holes are covered with either polymer cover caps or metal flush discs

Carlingford - PAS 24

Specification

- Single, double and leaf and a half configurations
- Inward and outward opening
- Available with a range of vision panels including single, double and triple glazed with a variety of window beading styles
- Security louvre tested to PAS 24
- Single rebate or double rebate frame profiles with a variety of frame fixing options
- On double doors, 2 lever action flush bolts are required and located within the leading edge of the inactive door leaf
- All hardware is factory fitted unless otherwise stated
- The use of ASSA ABLOY tested hardware is essential for continued compliance with the tested standard



Standards

- PAS 23-1: 1999
- PAS 24: 2007
- BS 6375-1: 2009
- Upgradable to FD30(S) - FD240(S) in accordance with BS 476 Part 22: 1987
- Upgradable to E30 - E240 in accordance with EN 1634-1: 2008
- Most standard configurations are available as Certifire compliant and are therefore regularly audited and approved by third party to ensure continued conformity
- Upgradable to BSEN ISO 140 Pt 3
- BSEN 14351-1: 2006 + A1 2010

Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



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Education



Utilities



Museums and art

Carlingford - PAS 24

Technical Data

- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6 W/m²k depending on hardware and glazing options
- Typical insulation value: High density mineral wool core 3.1 - 4.8 W/m²k depending on hardware and glazing options
- Stainless steel dog bolt hinges to increase resistance to attack

Standard Leaf Construction

- Two skins of 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- 44mm thick door leaf with no face seams
- The core is insulated and sound deadened with pre-expanded, small cell honeycomb core material and laminated under heat and pressure to the face skins
- Doors are complete with lock and hardware reinforcements engineered to give high performance throughout the life of the door
- Face skins are connected by a continuous 'deep pocket' 2 sided interlocking edge lock seam for superior strength and durability
- Door edges are bevelled for ease of operation and close fit
- Doors are mortised, reinforced, drilled and tapped for three template drilled dog bolt hinges
- A fully flush integral astragal is folded into the leading edge of one leaf to increase security and reduce the chance of water ingress

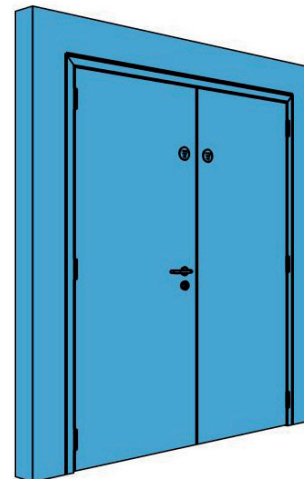
Standard Frame Construction

- Powershield bespoke frame adjuster system which provides enhanced security, ease of installation and a durable and permanent fixing
- Manufactured from 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- Supplied in either knock down for easy site assembly or fully welded smooth finish
- Frames are mortised, reinforced, drilled and tapped for hinges and strikes
- Frames are provided with a minimum of four fixings per jamb. Fixing holes are covered with either polymer cover caps or metal flush discs

Clandeboye - LPS 1175 SR2

Specification

- Single, double and leaf and a half configurations
- Outward opening
- Overhead panels
- High security louvre
- High security vision panels
- Available with single rebate or double rebate frame profiles with a variety of frame fixing options
- Upgradable for fire rating
- Upgradable for increased sound reduction
- On double doors, 2 lever action flush bolts are required and located within the leading edge of the inactive door leaf
- All hardware is factory fitted unless otherwise stated
- The use of ASSA ABLOY tested hardware is essential for continued compliance with the tested standard



Standards



- LPS 1175 Issue 7 SR2
- Upgradable to FD30(S) - FD240(S) in accordance with BS476 Part 22: 1987
- Upgradable to E30 - E240 in accordance with EN 1634-1: 2008
- Most standard configurations are available as Certifire compliant and are therefore regularly audited and approved by third party to ensure continued conformity
- Upgradable to BSEN ISO 140 Pt 3
- BSEN 14351-1: 2006 + A1 2010

Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



Healthcare



Education



Utilities



Museums and art

Clandeboye - LPS 1175 SR2

Technical Data

- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6 W/m²k depending on hardware and glazing options
- Typical insulation value: High density mineral wool core 3.1 - 4.8 W/m²k depending on hardware and glazing options
- Stainless steel dog bolt hinges to increase resistance to attack

Standard Leaf Construction

- Two skins of 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- 44mm thick door leaf with no face seams
- Heavy-duty internal reinforcement to prevent forcible entry and attack
- Additional 10mm dia. stainless steel dog bolts for enhanced security
- The core is insulated and sound deadened with pre-expanded, small cell honeycomb core material and laminated under heat and pressure to the face skins
- Doors are complete with lock and hardware reinforcements engineered to give high performance throughout the life of the door
- Face skins are connected by a continuous 'deep pocket' 2 sided interlocking edge lock seam for superior strength and durability
- Door edges are bevelled for ease of operation and close fit
- Doors are mortised, reinforced, drilled and tapped for three template drilled dog bolt hinges
- A fully flush integral astragal is folded into the leading edge of one leaf to increase security and reduce the chance of water ingress

Standard Frame Construction

- Powershield bespoke frame adjuster system which provides enhanced security, ease of installation and a durable and permanent fixing
- Manufactured from 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- Reinforced door frame to prevent forcible entry and attack
- Supplied in either knock down for easy site assembly or fully welded smooth finish
- Frames are mortised, reinforced, drilled and tapped for hinges and strikes
- Frames are provided with a minimum of four fixings per jamb. Fixing holes are covered with either polymer cover caps or metal flush discs

Glen - LPS 1175 SR3

Specification

- Single and double leaf configurations
- Outward opening
- High security reinforced double rebate frame assembly to provide strength and durability against sustained attack
- Upgradable for fire rating
- Available with a range of modular hardware certified to LPCB LPS 1175 SR3 standards
- All hardware is factory fitted unless otherwise stated
- The use of ASSA ABLOY tested hardware is essential for continued compliance with the tested standard



Standards



- LPS 1175 Issue 6 SR3
- Upgradable to FD30(S) - FD240(S) in accordance with BS 476 Part 22: 1987
- BSEN 14351-1: 2006 + A1 2010

Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



Healthcare



Education



Utilities



Museums and art

Glen - LPS 1175 SR3

Technical Data

- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6 W/m²k depending on hardware and glazing options
- Typical insulation value: High density mineral wool core 3.1 - 4.8 W/m²k depending on hardware and glazing options
- Stainless steel dog bolt hinges to increase resistance to attack

Standard Leaf Construction

- Two skins of 3mm (10 ga.) thick galvanised steel
- 46mm thick door leaf with no face seams
- Doors are internally reinforced to provide protection against sustained physical attack such as impact and cutting
- Doors are complete with heavy-duty hardware reinforcements
- Extra stainless steel dog bolt pins are present to enhance security
- Door edges are bevelled for ease of operation and close fit
- Doors are mortised, reinforced, drilled and tapped for four template drilled high security dog bolt hinges
- A high security integral astragal is present on the leading edge of one leaf increase security and reduce the chance of water ingress

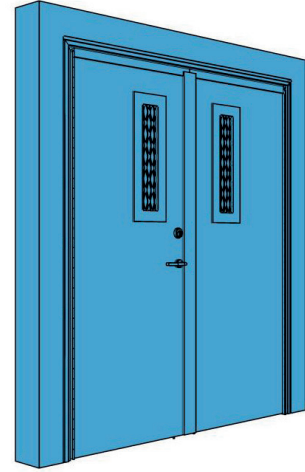
Standard Frame Construction

- Powershield bespoke frame adjuster system which provides enhanced security, ease of installation and a durable and permanent fixing
- Manufactured from 1.5mm (16 ga.) galvanised steel to BS 1245 with double rebate profile, with high security internal reinforcement
- Supplied as fully welded for a secure and smooth finish
- Frames are provided with a minimum of four fixings per jamb. Fixing holes are covered with polymer cover caps
- Frames are mortised, reinforced, drilled and tapped for high security hinges

Strangford - LPS 1175 SR4

Specification

- Single and double leaf configurations
- Outward opening
- Available with high security vision panels including Equality Act 2010 compliant configuration
- Available with a high security reinforced single rebate frame assembly to provide strength and durability against sustained attack
- Available with a range of modular hardware certified to LPCB LPS 1175 SR4 standard
- All hardware is factory fitted unless otherwise stated
- The use of ASSA ABLOY specified hardware is essential for continued compliance with the tested standard.
- Upgradable for fire rating

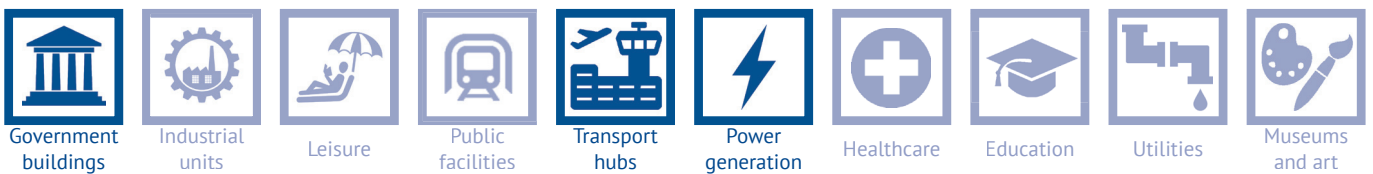


Standards

- LPS 1175 Issue 7 SR4
- Upgradable to FD30(S) - FD240(S) in accordance with BS 476 Part 22: 1987



Applications



Strangford - LPS 1175 SR4

Technical Data

- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6 W/m²k depending on hardware and glazing options
- Typical insulation value: High density mineral wool core 3.1 - 4.8 W/m²k depending on hardware and glazing options
- Full length heavy-duty continuous hinges to increase resistance to attack

Standard Leaf Construction

- Two skins of 3mm (10 ga.) thick galvanised steel
- 46mm thick door leaf with no face seams
- Doors are internally reinforced to provide protection against sustained physical attack such as impact and cutting
- Doors are complete with heavy-duty hardware reinforcements
- Extra stainless steel dog bolt pins are present to enhance security
- Door edges are bevelled for ease of operation and close fit
- A heavy-duty surface mounted astragal is present to withstand the extreme levels of attack sustained at LPS 1175 SR4

Standard Frame Construction

- Powershield bespoke frame adjuster system which provides enhanced security, ease of installation and a durable and permanent fixing
- Manufactured from 1.5mm (16 ga.) galvanised steel to BS 1245 with single rebate profile, with high security internal reinforcement
- Supplied as fully welded for a secure and smooth finish
- Frames are provided with a minimum of four fixings per jamb. Fixing holes are covered with polymer cover caps

Lagan - Internal

Specification

- Available in a range of handings
- Available in a range of configurations, overhead panels and side panels
- Available with a range of frame profiles and frame fixing options
- Available with a range of hardware
- Available with a range of vision panels including single, double and triple glazed with a variety of window beading styles
- Available with a range of Acoustic upgrades
- Available in galvanised steel or stainless steel construction



Standards

- BSEN 14351-1: 2006 + A1

Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



Healthcare



Education



Utilities



Museums and art

Lagan - Internal

Technical Data

- Typical insulation value: High density mineral wool core 3.1 - 4.8 W/m²k depending on hardware and glazing options
- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6 W/m²k depending on hardware and glazing options

Standard Leaf Construction

- SMARTform Technology featuring a continuous 'deep pocket' 4 sided interlocking edge lock seam for superior strength and durability
- The core is insulated and sound deadened with pre-expanded, small cell honeycomb core material and laminated under heat and pressure to the face skins
- Two skins of 1.2mm (18 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- 44mm thick door leaf with no face seams
- Doors are complete with heavy-duty hardware reinforcements
- Door edges are bevelled for ease of operation and close fit
- Doors are mortised, reinforced, drilled and tapped for three template drilled dog bolt hinges.
- A fully flush integral astragal is folded into the leading edge of one leaf to increase security and reduce the chance of water ingress

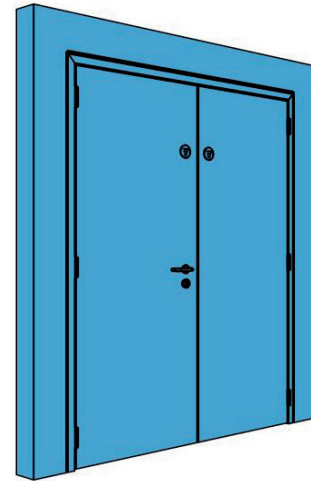
Standard Frame Construction

- Powershield bespoke frame adjuster system which provides enhanced security, ease of installation and a solid fixing
- Manufactured from 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal'; to EN 10142: 2000
- Supplied in either knock down for easy site assembly or fully welded smooth finish
- Frames are mortised, reinforced, drilled and tapped for hinges and strikes
- Frames are provided with a minimum of four fixings per jamb. Fixing holes are covered with either polymer cover caps or metal flush discs
- Corners have integral reinforcements for solid and easy fixing of jambs and head

Fire Doorset - Certifire approved

Specification

- Available in a range of handings
- Available with a range of configurations, overhead panels and side panels
- Available with a range of frame profiles and frame fixing options
- Available with a range of hardware
- Available with a range of vision panels including single, double and triple glazed with a variety of window beading styles
- Available with a fire rated louvre
- Available with a range of Acoustic upgrades
- Available in galvanised steel or stainless steel construction with a wide range of finish and colour options



Standards



- FD30(S) - FD240(S) in accordance with BS 476 Part 22: 1987
- E30 - E240 in accordance with EN 1634-1: 2008
- Most standard configurations Certifire compliant and therefore regularly audited and approved by third party to ensure continued conformity
- BSEN 14351-1: 2006 + A1 2010

Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



Healthcare



Education



Utilities



Museums and art

Fire Doorset - Certifire approved

Technical Data

- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6 W/m²k depending on hardware and glazing options
- Typical insulation value: High density mineral wool core 3.1 - 4.8 W/m²k depending on hardware and glazing options

Standard Leaf Construction

- SMARTform Technology featuring a continuous 'deep pocket' 4 sided interlocking edge lock seam for superior strength and durability
- Two skins of 1.2mm (18 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000.
- 44mm thick door leaf with no face seams
- The core is insulated and sound deadened with pre-expanded, small cell honeycomb core material and laminated under heat and pressure to the face skins
- Doors are complete with lock and hardware reinforcements engineered to give high performance throughout the life of the door
- Door edges are bevelled for ease of operation and close fit
- Doors are mortised, reinforced, drilled and tapped for three template hinges
- On double doors, a fully flush integral astragal is folded into the leading edge of one leaf to reduce the chance of water ingress

Standard Frame Construction

- Powershield bespoke frame adjuster system which provides enhanced security, ease of installation and a solid fixing
- Manufactured from 1.5mm (16 ga.) thick steel Galvatite ZF 'Galvaneal' to EN 10142: 2000
- Supplied in either knock down for easy site assembly or fully welded smooth finish
- Frames are mortised, reinforced, drilled and tapped for hinges and strikes
- Frames are provided with a minimum of four fixings per jamb. Fixing holes are covered with either polymer cover caps or metal flush discs
- Corners have integral reinforcements for solid and easy fixing of jambs and head



Timber Doorsets



The Abloy UK timber door package offer maximum protection from theft, vandalism and attack, and are available in a variety of specifications to suit all levels of security risk.

Our security doors have been designed and tested to withstand many forms of assault, including prolonged attack with power tools, to satisfy registration of our products with Secured by Design and in accordance with British and European standards, including the UK Loss Prevention Certification Board LPS 1175 Standard.

The timber doorsets are approved by many government and military organisations to provide maximum security for high profile buildings at risk of attack.

The doorsets are designed to offer advanced protection in discreet designs that will not attract unwanted attention.

Trenchard - LPS 1175 SR3

Specification

- Certified security to LPS 1175 Issue 6 SR3
- Single leaf configuration
- Outward opening
- Multi-point locking system
- Panic exit with ASSA ABLOY specified hardware
- Drill resistant cylinder, thumbturn and escutcheon
- Heavy-duty stainless steel dog bolt hinges
- High security dog bolt pins
- Fire rating available up to FD60



Standards

- LPS 1175 Issue 6
- Upgradable to BSEN 1634-1: 2008
- BSEN ISO 140 Part 3



Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



Healthcare



Education



Utilities



Museums and art

Trenchard - LPS 1175 SR3

Technical Data

- Typical insulation value: 2.5 W/m²k
- Heavy-duty stainless steel dog bolt hinges provide resistance to attack
- Seperate heavy-duty dog pins provide additional resistance to attack
- Minimum size available: 760mm W x 1800mm H
- Maximum size available: 1200mm W x 2400mm H

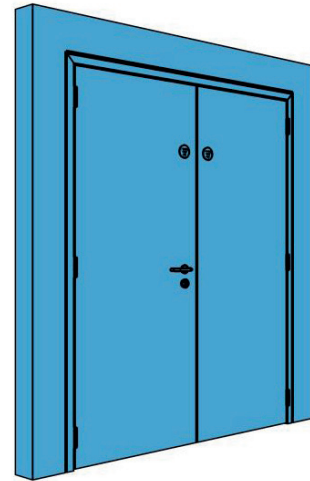
Door Leaf and Frame

- Door leaves manufactured from laminated solid hardwood
- Doors are internally reinforced to provide protection against physical attack such as impact and cutting
- Doors are complete with heavy-duty hardware reinforcements
- Door edges are bevelled for ease of operation and close fit
- Doors are fitted with heavy-duty hinges and include heavy-duty security dog bolt pins for extra protection
- Door leaf thickness - 59mm
- Acoustic rating - up to 34dB with seals
- Type of veneer - When required frame material will be used to match veneer type, except when Ash is specified on Fire rated doors

Ultimum - LPS 1175 SR4

Specification

- Certified security to LPS 1175 Issue 7 SR4
- Single and double leaf configuration
- Outward and inward opening
- Multi-point locking system
- Panic or lever exit with modular ASSA ABLOY specified hardware
- Drill resistant cylinder, thumbturn and escutcheon
- Optional access control compatibility
- Heavy-duty stainless steel dog bolt hinges
- High security dog bolt pins
- Vision panels available
- The use of ASSA ABLOY tested hardware is strongly recommended since the choice of hardware can greatly affect security performance and maintenance
- Fire rating available up to FD60



Standards

- LPS 1175 Issue 7
- Upgradable to BSEN 1634-1: 2008
- BSEN ISO 140 Part 3



Applications



Government buildings



Industrial units



Leisure



Public facilities



Transport hubs



Power generation



Healthcare



Education



Utilities



Museums and art

Ultimum - LPS 1175 SR4

Technical Data

- Typical insulation value: 2.5 W/m²k
- Heavy-duty stainless steel dog bolt hinges provide resistance to attack
- Seperate heavy-duty dog pins provide additional resistance to attack
- Minimum size available: 760mm W x 1800mm H
- Maximum size available: 1200mm W x 2400mm H
- Vision panels available, please contact us for further information
- On double doors, heavy-duty tower bolts lock inactive door leaf

Door Leaf and Frame

- Door leaves manufactured from laminated solid hardwood incorporating steel reinforcements
- Doors are internally reinforced to provide protection against physical attack such as impact and cutting
- Doors are complete with heavy-duty hardware reinforcements
- Door edges are bevelled for ease of operation and close fit
- Doors are fitted with heavy-duty hinges and include heavy-duty security dog bolt pins for extra protection
- Door leaf thickness - 67mm
- Anti-jemmy security astragal integrated within door construction to the leading edge
- Solid hardwood frame with steel reinforcement as required to provide additional protection against targeted attack



ABLOY secures people, property, and business operations on land, at sea, and in the air – in all circumstances.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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