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REDEFINING DOOR HARDWARE SPECIFICATION

Briton

Ironmongery Schedule



Prepared for: ABC Architects

Project Title: ;ZkYWj_edL[hjY_WbCWha[j

Our Ref: ABC123

Ironmongery Performance Specifications



1.0 Door Hardware

Briton Levers, Escutcheon's & Bathroom Indicators

Levers, escutcheon's and bathroom Indicators are supplied with bolt through fixings with Torx head to ensure a highly durable and tamperproof installation. Spindle is fixed by means of a grubscrew piercing a specially manufactured spindle which ensures maximum fixing strength.

Products have been tested to EN 1906 Grade 4 for performance characteristics (the highest in the standard for high frequency and violent use e.g. football stadiums). Tested to EN 1634 for fire rating (90 minutes timber & 4hours steel) and EN 179 for emergency exit applications in conjunction with Briton escape locks. Many products also meet the requirements of BS 8300 for inclusive access. Products will suit doors from 44mm to 54mm thickness.



Briton Pushplates

Pushplates are manufactured from 1.2mm stainless steel and are supplied as standard with radius corners and drilled and countersunk holes to suit face fixing. Screws are included. Grade 304 is standard but other grades are available.

Briton Signs

Signs are produced from 76mm diameter x 1.5mm stainless steel. Drilled and countersunk to suit face fixing. Screws are included.

Briton Flush Bolts

Tested to meet EN12051: 1999 Grade 4. Manufactured from stainless steel and available with square or radiused ends in a variety of lengths.



2.1 Overhead Door Controls

Door closers have been tested in accordance with EN 1154 for durability and performance and fire tested to EN 1634. Covered by the Allegion 10 year mechanical guarantee.

Briton 2700

Cast Iron body for high level of durability and long life performance. Cam action technology allows reliable closer power setting yet still be easy to open. All models feature backcheck and delayed action as standard. Variable closing power 2 to 5. CE classification 4 8 2-5 1 1 3 for all applications except push side transom which is 2-4. Fire door rating 2hr timber/1hr steel.



Ironmongery Performance Specifications



Briton 2300

Extruded aluminium body. Cam action technology allows reliable closer power setting yet still be easy to open.

Variable closing power 2 to 4. All models feature backcheck as standard. CE classification 4 8 2-4 1 1 3 for all applications. Fire door rating 2hr timber.

Briton 2400

Compact aluminium extruded body for concealed mounting within the head of the door. Cam action technology allows reliable closer power setting yet still be easy to open. Variable closing power 2 to 4. CE classification 3 8 2-4 1 1 3 for all applications. Fire door rating 30min timber/60 min timber/90min composite.



LCN 4040

Cast Iron body and forged steel arm set for the most gruelling application. Product is also certified to ANSI A156.4 and over 10 million test cycles. CE classification 3 8 1-5 1 1 3 for standard arm application. Fire door rating 2hr timber/1hr steel.

Briton 2130

Cast Iron body for rugged durability. 3 cover options to offer a versatile architectural solution. CE classification 4 8 2-6 1 1 3 for standard arm application. Fire door rating 2hr timber/4hr steel* (dependant on cover option).

Briton 1100

Cast aluminium body to offer a cost effective product in 3 body sizes. CE classification (product reference 1110) 3 8 2-4 1 1 3, (product reference 1120) 4 8 2-4 1 1 3 & (product reference 1130) 4 8 2-6 1 1 3 in standard application. Fire door rating 2hr timber/4hr steel * (dependant on cover option).



Tested to EN 1154 for mechanical performance & EN 1155 for electronically controlled devices



2.2 Electromagnetic Closers

Electromagnetic closers have been tested to EN 1154 for mechanical performance, EN 1155 for electronically controlled devices and EN 1634 for fire performance. Linked to fire alarm system, units will release under a fire alarm actuation and are fail-safe in the event of a loss of power. Devices are covered by the Allegion 10 year mechanical and 2 year electrical guarantee.

Briton 2720BD.TE

Cast iron body for high level of durability and long life performance. Cam action technology allows reliable closer power setting yet still be easy to open. Variable closing power 3 to 5. CE classification 3 8 3-5 11 3. Fire door rating 2hr timber/1hr steel. 24v electro-magnetic hold open track.

Briton 2130B.TE

Cast Iron body for rugged durability. 3 cover options to offer a versatile architectural solution. CE classification 3 8 3-4 11 3. Fire door rating 2hr timber/4hr steel (dependant on cover option). 24v electro-magnetic hold open track.

Briton 1130B.TE

Cast aluminium body to offer a cost effective product. CE classification 3 8 3-4 11 3. Fire door rating 2hr timber/4hr steel* (dependant on cover option). 24v electro-magnetic hold open track.

Briton 996

Pressure die cast aluminium body for rugged durability. Hold open or free swing applications selectable at installation. CE certification (product reference 9963) 3 8 3 11 3, (product reference 9964) 3 8 4 11 3, & (product reference 9965) 3 8 5 11 3. Fire door rating 2hr timber.

3.0 Cylinder Lockcases

Lockcases have been tested in accordance with EN 12209 for durability and performance, EN 1634 for fire rating and where relevant EN 179 for emergency exits. Designed to be compatible with euro profile cylinders and bolt through furniture fixings for enhanced durability and performance. Supplied with stainless steel Grade 316 forends.



Ironmongery Performance Specifications



Briton 5400 Series

Grade 304 stainless steel single piece forend. All models CE classification 3 X 8 1 for use, durability, door mass and suitability for fire door. 90 mins timber & 4hr steel. 25° follower action with springing suitable for high frequency applications and double turn throw operation for 20mm deadbolt throw.

Briton 5500 Series

Grade 316 stainless steel single piece forend. All models CE classification 3 X 8 1 for use, durability, door mass and suitability for fire door, 90 mins timber & 4hr steel.

30° follower action with springing suitable for high frequency applications and single turn throw operation for 22mm deadbolt throw.

Briton 5600 Series

Grade 304 stainless steel single piece forend. All models CE classification 3 X 8 1 for use, durability, door mass and suitability for fire door. 90 mins timber & 4hr steel. 30° follower action with springing suitable for high frequency applications and single turn throw operation for 20mm bolt throw.



4.0 Cylinders

Cylinders are tested in accordance with EN 1303:2005. Cylinders include push resistance cams, anti-pick and anti-drill pins as standard.

Briton 75-29

6 pins plus check pin tumbler system. Serrated key. Patent protection to 2029. EN 1303 classification 1 6 0 0 0 C 5 2

CISA Tekno

10 pin tumbler system. Patent protection to 2026. Non-serrated flat-key. EN 1303 classification 1 6 0 1 0 C 6 0

CISA Astral

10 pin tumbler system. Non-serrated flat-key. EN 1303 classification 1 6 0 1 0 C 6 0

CISA Astral S

10 pin tumbler system. Non-serrated flat-key. EN 1303 classification 1 6 0 1 0 C 6 2



Ironmongery Performance Specifications

Patented **Fast-Fix** cable system reduces installation time by up to 50%



5.0 Exit Hardware

Panic hardware to EN 1125 and emergency hardware to EN179. All panic hardware has been tested to EN 1634, 2 hours timber & steel. All products supplied standard with Pullman latches for quieter operation.

Briton 560 & 570

Designed with patented Fast-Fix cable system reduces installation by up to 50%. Cycle tested to 200,000 cycles. CE classification (product reference 570) 3 77 B 1 4 2 2 B A, (product reference 560) 3 77 B 1 4 2 2 A A.

Briton 581

Single push pad for emergency exit application where prior knowledge operation is required. CE certification 3 77 B 1 4 5 2 B A

Von Duprin 98 & 99

Robust construction tested to EN 1125 and ANSI A156.3.

Tested to 500,000 cycles. CE certification 3 7 6 B 1 3 2 2 B A

6.0 Hinges

Tested in accordance with EN 1935:2002 with the CE classification 476114013 (Grade 13). All are template drilled to ensure accuracy.

Hardware Schedule

Re:



Hardware Set Ref: **COM Single Action Lockable Fire Door**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	3	Each
2420.T.SSS	Briton Door Closer Adj Size 2-4	1	Each
5520.60.S.SS	Briton Sashlock - Euro Profile 60mm Backset 72mm Centres Square Forend	1	Each
M.75-29.EK3535T.NP	Briton Master Keyed 75-29 Euro Cylinder & Turn 35/35 NP finish (Differ keys supplied separately)	1	Each
4704.20.140.SS	Briton Straight Mitred 20mm Dia Round Bar Lever Handle, 52mm Dia 4mm Rose, SS304	1	Pair
4713.4.SS	Briton Euro Cylinder Escutcheon, 52mm Dia 4mm Rose, SS304	1	Pair
4742.SS	Briton Wedge Shaped Floor Mounted Door Stop, 60mm Dia Base, C/W SSS Pozi Drive Screws, SS304	1	Each
4750.10.SS	Briton Fire Door Keep Shut Symbol, 76mm Dia x 1.5mm, C/W SSS Pozi Drive Screws, SS304	2	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	2	Each

0 Doors @

Hardware Schedule

Re:



Hardware Set Ref: **COM1 Single Unlatched Fire Door**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	3	Each
2720BD.T.A.SSS	Briton Door Closer Adj Size 2-5 with B/C & D/A - Door Pull Side	1	Each
4724.32.400.SS	Briton Pillar Round Bar 32mm Pull Handle, 400mm, SS304, Fixings Separate	1	Each
4726.SS	Briton Pull Handle Universal Fixing Pack - Bolt Through (Timber), Face Fix (Timber), B2B (Timber and Glass Fixing Kit 8-12mm)	1	Each
4730.75.475.SS	Briton Push Plate Plain - Radiused - 75mmx475mm	1	Each
4742.SS	Briton Wedge Shaped Floor Mounted Door Stop, 60mm Dia Base, C/W SSS Pozi Drive Screws, SS304	1	Each
4750.10.SS	Briton Fire Door Keep Shut Symbol, 76mm Dia x 1.5mm, C/W SSS Pozi Drive Screws, SS304	2	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	2	Each

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Hardware Schedule

Re:



Hardware Set Ref: **COM2** **Single Latched Door**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	3	Each
2720BD.T.A.SSS	Briton Door Closer Adj Size 2-5 with B/C & D/A - Door Pull Side	1	Each
5540.60.S.SS	Briton Latch - 60mm Backset Square Forend	1	Each
4704.20.140.SS	Briton Straight Mitred 20mm Dia Round Bar Lever Handle, 52mm Dia 4mm Rose, SS304	1	Pair
4742.SS	Briton Wedge Shaped Floor Mounted Door Stop, 60mm Dia Base, C/W SSS Pozi Drive Screws, SS304	1	Each
4750.10.SS	Briton Fire Door Keep Shut Symbol, 76mm Dia x 1.5mm, C/W SSS Pozi Drive Screws, SS304	2	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	2	Each

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Hardware Schedule

Re:



Hardware Set Ref: **COM3 Double Unlatched Door**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	6	Each
2720BD.T.A.SSS	Briton Door Closer Adj Size 2-5 with B/C & D/A - Door Pull Side	2	Each
4724.32.400.SS	Briton Pillar Round Bar 32mm Pull Handle, 400mm, SS304, Fixings Separate	2	Each
4726.SS	Briton Pull Handle Universal Fixing Pack - Bolt Through (Timber), Face Fix (Timber), B2B (Timber and Glass Fixing Kit 8-12mm)	2	Each
4730.75.475.SS	Briton Push Plate Plain - Radiused - 75mmx475mm	2	Each
4742.SS	Briton Wedge Shaped Floor Mounted Door Stop, 60mm Dia Base, C/W SSS Pozi Drive Screws, SS304	2	Each
4750.10.SS	Briton Fire Door Keep Shut Symbol, 76mm Dia x 1.5mm, C/W SSS Pozi Drive Screws, SS304	4	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	4	Each

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Hardware Schedule

Re:



Hardware Set Ref: **COM4 Double Unlatched Door Electro Mag Hold Open**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	6	Each
2720BD.TE.A.SSS	Briton Door Closer Adj Size 2-5 with B/C, D/A & Electro HO - Door Pull Side	2	Each
4724.32.400.SS	Briton Pillar Round Bar 32mm Pull Handle, 400mm, SS304, Fixings Separate	2	Each
4726.SS	Briton Pull Handle Universal Fixing Pack - Bolt Through (Timber), Face Fix (Timber), B2B (Timber and Glass Fixing Kit 8-12mm)	2	Each
4730.75.475.SS	Briton Push Plate Plain - Radiused - 75mmx475mm	2	Each
4742.SS	Briton Wedge Shaped Floor Mounted Door Stop, 60mm Dia Base, C/W SSS Pozi Drive Screws, SS304	2	Each
4750.12.SS	Briton Automatic Fire Door Keep Clear Symbol, 76mm Dia x 1.5mm, C/W SSS Pozi Drive Screws, SS304	4	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	4	Each

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Hardware Schedule

Re:



Hardware Set Ref: **COM5 Double latched Door**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	6	Each
2720BD.T.A.SSS	Briton Door Closer Adj Size 2-5 with B/C & D/A - Door Pull Side	2	Each
5540.60.S.SS	Briton Latch - 60mm Backset Square Forend	1	Each
4704.20.140.SS	Briton Straight Mitred 20mm Dia Round Bar Lever Handle, 52mm Dia 4mm Rose, SS304	1	Pair
4735.R.20.202.SS	Briton Lever Action Flushbolt, EN12051, Radius End, C/W s/s/s fixing Screws	2	Each
4736.SS	Briton Dust Excluding Socket - Concealed	1	Each
4742.SS	Briton Wedge Shaped Floor Mounted Door Stop, 60mm Dia Base, C/W SSS Pozi Drive Screws, SS304	2	Each
4750.10.SS	Briton Fire Door Keep Shut Symbol, 76mm Dia x 1.5mm, C/W SSS Pozi Drive Screws, SS304	4	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	4	Each

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Hardware Schedule

Re:



Hardware Set Ref: **COM6 Toilet Door M or F**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	3	Each
2720BD.T.A.SSS	Briton Door Closer Adj Size 2-5 with B/C & D/A - Door Pull Side	1	Each
5530.60.S.SS	Briton Bathroom - 60mm Backset 8mm Spindle 78mm Square Forend	1	Each
4704.20.140.SS	Briton Straight Mitred 20mm Dia Round Bar Lever Handle, 52mm Dia 4mm Rose, SS304	1	Pair
4711.SS	Briton Bathroom Extended Turn and Indicator, 52mm Dia 4mm Rose, SS304	1	Each
4742.SS	Briton Wedge Shaped Floor Mounted Door Stop, 60mm Dia Base, C/W SSS Pozi Drive Screws, SS304	1	Each
4750.02.SS	Briton Male Symbol, 76mm Dia x 1.5mm, C/W SSS Pozi Drive Screws, SS304	1	Each
4750.03.SS	Briton Female Symbol, 76mm Dia x 1.5mm, C/W SSS Pozi Drive Screws, SS304	1	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	2	Each

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Hardware Schedule

Re:



Hardware Set Ref: **COM7** **Single Panic Exit Door**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	3	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	1	Each
1413E/LE.SS	Briton Outside Access Device - Lever Operated c/w Euro-Profile Cylinder	1	Each
571.1.SES	Briton Touch Bar - 1 Point Locking Panic Device (1200mm)	1	Each
574.V.SE	Briton Upper & lower pullman kit silver	1	Each

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Hardware Schedule

Re:



Hardware Set Ref: **COM8** Single Panic Exit Door c/w Digital Lock

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	3	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	1	Each
571.1.SES	Briton Touch Bar - 1 Point Locking Panic Device (1200mm)	1	Each
574.V.SE	Briton Upper & lower pullman kit silver	1	Each
9260.PVD-BS	Briton Panic Hardware Push Button Mechanical Digital Lock with Lever Handle (PVD-BS Finish)	1	Each

0 Doors @

Hardware Schedule

Re:



Hardware Set Ref: **COM9** **Double Panic Exit Door (Rebated)**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	6	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	2	Each
COR32/US28	Ives co-ordinator ce certified for doors 864-1320mm wide	1	Each
1413E/LE.SS	Briton Outside Access Device - Lever Operated c/w Euro-Profile Cylinder	1	Each
571.1.SES	Briton Touch Bar - 1 Point Locking Panic Device (1200mm)	2	Each
574.V.SE	Briton Upper & lower pullman kit silver	1	Each

Hardware Schedule

Re:



Hardware Set Ref: **COM10 Double Panic Exit Door (Non Rebated)**

Product	Description	Quantity	Unit
4801.316.SS	Briton Briton Stainless Steel Hinges - 316	6	Each
4760.304.SS	Kickplate 1.2mm satin stainless steel grade 304 - price per square metre	2	Each
1413E/LE.SS	Briton Outside Access Device - Lever Operated c/w Euro-Profile Cylinder	1	Each
571.1.SES	Briton Touch Bar - 1 Point Locking Panic Device (1200mm)	2	Each
574.V.SE	Briton Upper & lower pullman kit silver	2	Each

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