

SPECIFICATION




Woking CPR
MDG Project No 61713

Section P21
Door/ window ironmongery

Eric Leitch

11003/MDG/ZZ/XX/SP/A/P21
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Verification

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		Signature	Date	Signature**	Date	Signature**	Date
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P21 Door/ window ironmongery

To be read with Preliminaries/ General conditions.

GENERAL

121A IRONMONGERY FROM SINGLE PROPRIETARY RANGE

- Manufacturer: ASSA ABLOY Ltd., School Street, Willenhall, West Midlands WV13 3PW or equivalent approved.
T: 01902 366911 .
 - Product reference: Submit proposals .
- Principal material/ finish: Satin stainless steel .
- Items unavailable within selected range: Submit proposals.
- Items from other Ironmongery manufacturers or ranges: Refer to clauses below.
- Submissions: The selected ironmongery supplier is to submit detailed itemised schedule(s) of ironmongery based on this specification and other documentation. The supplier is to confirm compatibility and suitability of products proposed together with technical data sheets.

141 SAMPLE BOARDS

- General: Before placing orders with suppliers submit a sample board, containing labelled samples of ironmongery and showing methods of fixing.
- Range: Include Include Overhead door closers, door locks and latches, panic exit devices, door bolts, lever handles, pull handles, push plates, kick plates, roses and escutcheons, door stops, fire and safety signage .
 - Conformity: Retain board on site in an approved location for the duration of the Contract. Ensure conformity of ironmongery as delivered with labelled samples.

170 IRONMONGERY FOR FIRE DOORS

- Relevant products: Ironmongery fixed to, or morticed into, the component parts of a fire resisting door assembly.
- Compliance: Ironmongery included in successful tests to BS 476-22 or BS EN 1634-1 on door assemblies similar to those proposed.
 - Certification: Submit CERTIFIRE certificates .
- Melting point of components (except decorative non-functional parts): 800°C minimum.

180 STRENGTH CLASS OR CATEGORY OF DUTY FOR DOOR IRONMONGERY

- Requirement: To BS EN 1192, Class 4.
- General: Durability of ironmongery components to be compatible with stated category of duty of each door leaf.
 - Exclusions: Ironmongery with specific duty or 'category of use' defined elsewhere.
 - Documentation: Before placing orders with suppliers submit documentation showing product compliance with stated category of duty.

DOOR HANGING DEVICES**310 SINGLE AXIS DOOR HINGES GENERALLY**

- Standard: To BS EN 1935.
 - Hinges to doors on escape routes and fire/ smoke control doors: CE marked.
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
- Type: Submit proposals .
- Size: Submit proposals .
- Material/ finish: Satin stainless steel .
- Hinge grade: Not less than 12 .
- Other requirements: Intumescent packs as required to maintain fire rating of door set .

DOOR OPERATING DEVICES**410A CAM ACTION DOOR CLOSER WITHOUT DELAYED ACTION FOR FIRE DOORS**

- Standard: To BS EN 1154.
 - Door closing devices to fire/ smoke protection doors: CE marked.
- Manufacturer: As clause 121A.
 - Product reference: DC500 Door Closer
- Colour/ Finish: Silver.
- Accessories: Submit proposals.

410B RACK AND PINION DOOR CLOSER WITH DELAYED ACTION FUNCTION FOR NON FIRE DOORS

- Standard: To BS EN 1154.
 - Door closing devices: CE marked.
- Manufacturer: As clause 121A
 - Product reference: DC300DA Door Closer.
- Colour/ Finish: Silver.
- Accessories: Submit proposals.

471 ELECTROMAGNETIC HOLD OPEN/ SWING FREE DEVICES GENERALLY

- Standard: To BS EN 1155.
 - Electromagnetic devices to fire/ smoke control doors: CE marked.
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
- Type: Submit proposals .
- Material/ finish: Satin stainless steel .
- Electric supply: Refer to MEP .
- Means of release: Alarm system and/ or failure of power supply.
- Test switch: Located in a convenient position adjacent to door.
 - Operational adjustment of integral closer:
 - Variable power: Matched to size, weight and location of doors.
 - Latched doors: Override latches and/ or door seals when fitted.
 - Unlatched doors: Hold shut under normal working conditions.

481A DOOR SELECTORS GENERALLY

- Standard: To BS EN 1158.
 - Door coordinators to fire/ smoke control doors: CE marked.
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
 - Material/ finish: Satin stainless steel .
- Application: To all single swing double doors with rebated meeting stiles and fitted with self closers.

DOOR SECURING DEVICES**515A DOOR LOCKS GENERALLY**

- Standard: To BS EN 12209.
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
- Type: Cylinder mortice lock .
- Backset: 70mm .
- Material/ finish: Stainless steel faceplate .
- Keying: In master keyed suite unless noted otherwise in ironmongery report .
- Additional requirements: Intumescent packs as required to maintain fire resistance of doorsets.

565 PADLOCKS GENERALLY

- Standard: To BS EN 12320.
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
- Size: Submit proposals .
- Case: Submit proposals .
- Shackle: Hardened steel .
- Accessories: None .
- Keying: In master keyed suite unless noted otherwise in ironmongery report .

577A HIGH SECURITY PANIC BOLTS GENERALLY

- Standard: To BS EN 1125.Type A operation, fire resistance classification 1.
 - Panic exit devices for locked doors on escape routes: CE marked.
- Manufacturer: As clause 121A
 - Product reference: 1930PE or as agreed sample.
- Width: To suit door widths.
- Accessories: PE13/23 - Knob locking device - 'Not cold to touch'.

582A DOOR BOLTS GENERALLY

- Standard: To BS EN 12051.
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
- Requirements: To match door furniture and sized to suit height, weight and function of door .
- Additional requirements:
 - Lever action flush bolts to secure the first closing leaf on double doors .

DOOR FURNITURE**610A LEVER HANDLES GENERALLY**

- Standard: To BS EN 1906.
- Manufacturer: As clause 121A .
 - Product reference: DDA compliant lever handle .
- Style: Round pattern with return to door or as agreed sample .
- Size: 22 mm .
- Material/ finish: Satin stainless steel, grade 1.4401 (316) .
- Mounting: Unsprung rose with bolt through fixing .
- Additional requirements: None .

- 641 PULL HANDLES GENERALLY
- Standard: To BS 8424.
 - Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
 - Shape: As approved sample .
 - Diameter: 32mm .
 - Distance between centres: 600mm or 300mm .
 - Material/ finish: Satin stainless steel, grade 1.4401 (316) with "Not cold to touch" finish .
 - Mounting: Bolt through .
 - Additional requirements: None .
- 670 PUSH PLATES GENERALLY
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
 - Size: 650 x 75 mm .
 - Material/ finish: Satin stainless steel, grade 1.4401 (316) .
 - Mounting: Face fix .
 - Additional requirements: Radiused corners .
- 690 KICK PLATES GENERALLY
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
 - Size: 200mm x to suit door widths .
 - Material/ finish: Satin stainless steel, grade 1.4401 (316) .
 - Mounting: Face fix .
 - Additional requirements: None .
- 710 ESCUTCHEONS GENERALLY
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
 - Material/ finish: Satin stainless steel, grade 1.4401 (316) .
 - Keyhole type: To suit lock .
 - Usage: To cylinder locks where no handle backplate is specified to be fitted .
- 750 LIMITING DOOR STAYS GENERALLY
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
 - Type: Surface fix friction stay with hold open .
 - Size: To suit door width .
 - Material/ finish: Submit proposals .
 - Features: None .
- 850A THRESHOLD LOW PROFILE
- Manufacturer: As clause 121A .
 - Product reference: Submit proposals .
 - Type: Ramped stainless steel .
 - Size: 6 x 102mm x to suit door widths .
 - Material/ finish: Satin stainless steel, grade 1.4401 (316) .