

L20

Doors/ shutters/ hatches

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To be read with Preliminaries/ General conditions.

PRELIMINARY INFORMATION/ REQUIREMENTS

110 EVIDENCE OF PERFORMANCE

- Certification: Provide independently certified evidence that all incorporated components comply with specified performance requirements.

115 FIRE RESISTING DOORS/ DOORSETS/ ASSEMBLIES

- Evidence of fire performance: Provide certified evidence, in the form of a product conformity certificate, directly relevant fire test report or engineering assessment, that each door/ doorset/ assembly supplied will comply with the specified requirements for fire resistance if tested to BS 476-22, BS EN 1634-1 or BS EN 1634-3. Such certification must cover door and frame materials, glass and glazing materials and their installation, essential and ancillary ironmongery, hinges and seals.

COMPONENTS

430A TEMPORARY DOORSETS TO RISERS

- Fire resistance rating: FD60S.
- Door leaf:
 - Core: Manufacturer's choice.
 - Facings: Interior grade plywood.
 - Finish as delivered: Prepared and primed.
- Frame and architraves:
 - Wood species: Manufacturer's choice.
 - Appearance class to BS EN 942: J40.
 - Finish as delivered: Prepared and primed.
- Ironmongery: Contractors choice, to include locking by key.
- Perimeter seals: Fire and smoke seal.
- Fixing: Plugged and screwed.

431A WOOD DOORSETS TO COMMS ROOM STORE

- Drawing Ref: (22)D003_EW
- Fire resistance rating: FD30S.
- Sound insulation rating: N/A.
- Door leaf:
 - Core: Solid laminated softwood.
 - Facings: MDF board - 0% Formaldehyde.
 - Lippings: Concealed lippings.
 - Finish as delivered: Prepared and primed.
- Frame and architraves:
 - Wood species: FSC hardwood - contractors choice.
 - Appearance class to BS EN 942: J40.
 - Finish as delivered: Prepared and primed.
- Glazing details: Clear single glazing.
- Moisture content on delivery: 9-13%.
- Ironmongery: As Stewart House:
 - Allgood 100mm CB hinges 3rd party tested and CE Marked to BS EN1935
 - Door closer s/s/s plated
 - Allgood face fix bracket
 - Profile cylinder
 - HL series cylinder lockcase
 - Unique Allgood lever handle configuration to suit 33-59mm door
 - Allgood profile cylinder rose
 - Allgood door stop.
- Perimeter seals: Fire and smoke seal.
- Fixing: Plugged and screwed.

INSTALLATION**710 PROTECTION OF COMPONENTS**

- General: Do not deliver to site components that cannot be installed immediately or placed in clean, dry, floored and covered storage.
- Stored components: Stacked on level bearers, separated with spacers to prevent damage by and to projecting ironmongery, beads, etc.

730 PRIMING/ SEALING

- Wood surfaces inaccessible after installation: Primed or sealed as specified before fixing components.

750 FIXING DOORSETS

- Timing: After associated rooms have been made weathertight and the work of wet trades is finished and dried out.

760 BUILDING IN

- General: Not permitted unless indicated on drawings.

790 FIXING OF WOOD FRAMES

- Spacing of fixings (frames not predrilled): Maximum 150 mm from ends of each jamb and at 600 mm maximum centres.

800 FIXING OF LOOSE THRESHOLDS

- Spacing of fixings: Maximum 150 mm from each end and at 600 mm maximum centres.

809 FIRE RESISTING AND/ OR SMOKE CONTROL DOORS/ DOORSETS

- Installation: By a firm currently registered under a third party accredited fire door installer scheme in accordance with instructions supplied with the product conformity certificate, test report or engineering assessment.

810 FIRE RESISTING AND/ OR SMOKE CONTROL DOORS/ DOORSETS

- Gaps between frames and supporting construction: Filled as necessary in accordance with requirements for certification and/ or door/ doorset manufacturer's instructions.

830 FIXING IRONMONGERY GENERALLY

- Fasteners: Supplied by ironmongery manufacturer.
 - Finish/ Corrosion resistance: To match ironmongery.
- Holes for components: No larger than required for satisfactory fit/ operation.
- Adjacent surfaces: Undamaged.
- Moving parts: Adjusted, lubricated and functioning correctly at completion.

840 FIXING IRONMONGERY TO FIRE RESISTING DOOR ASSEMBLIES

- General: All items fixed in accordance with door leaf manufacturer's recommendations ensuring that integrity of the assembly, as established by testing, is not compromised.
- Holes for through fixings and components: Accurately cut.
 - Clearances: Not more than 8 mm unless protected by intumescent paste or similar.
- Lock/ Latch cases for FD 60 doors: Coated with intumescent paint or paste before installation.

850A LOCATION OF HINGES

- Hinges for fire resisting doors: Positioned in accordance with door leaf manufacturer's recommendations, where possible to match existing.