

# Benoy

## Victoria Square, Woking

Job No: 3540

Document Title: Doors/ Shutters/ Hatches (For MC and D&B Packages)

Document Ref: BNY-SA-99-XX-A-L20

- Revision: F00
- Status: For Construction
- Date: 27/05/20

Rev No.	REVISIONS			
	Date	Revision	Drawn by	Checked
E01	25.01.19		NP	AT
E02	20.03.19	As noted overleaf	CJP	VC
E03	29.04.19	As noted overleaf	CJP	VC
F00	27.05.19	As noted overleaf For Construction (01 CW Handover)	EL	JT

**L20**  
**Doors/ shutters/ hatches**  
**Revision F00**

**Section Revision History**

No.	Purpose	
E03	For Tender	27th May 2020
F00	For Construction	27th May 2020

**Clauses amended in Revision F00**

No.	Clause	
50	SCOPE	Revised

**L20 Doors/ shutters/ hatches**

To be read with Preliminaries/ General conditions.

- 12 SPECIFICATION TO BE READ WITH DOOR SCHEDULE  
BNY(32) Series Generally

50 SCOPE

Design, supply and install the following:  
[Timber doors/ shutters and hatches].

Co ordinate with:

[Structural openings and Benoy Finishes Schedules - BNY-APT(40)AL01 & BNY-PA(40)AL01. For door details, Refer to Benoy Series 32 Drawings & Door Schedules: BNY-T1(32)SC14; BNY-T1(32)SC15; BNY-T2(32)SC16; BNY-HA(32)SC17; BNY-MS(32)AL01 & BNY MA(32)SC13].

- 55 SELECT FROM THE FOLLOWING  
Manufacturers/ Product reference:

Timber Doors from Assa Abloy UK Ltd, School Street, Willenhall, West Midlands, WV13 3PW Contact: Allan Thompson 07887-756165; allan.thomson@assaabloy.com or equal approved.

Timber Apartment Doors from Datim, Datim Supplies, Foxwood Industrial Estate Foxwood Road, Chesterfield, S41 9RN. Tel: 01246 572277 or equal approved.

Metal Doors from Assa Abloy UK Ltd, School Street, Willenhall, West Midlands, WV13 3PW Contact: Allan Thompson 07887-756165; allan.thomson@assaabloy.com or equal approved.

Fireroll Acoustic Shutters & Fire Integrity smoke-tight curtains from: Bolton Gate Company, Waterloo Street, Bolton BL1 2SP  
Tel: 01204 871001 Web: www.boltongate.co.uk or equal approved

Roof Hatches from: Surespan Ltd, Leamore Close, Leamore Enterprise Park Walsall, West Midlands, WS2 7NL.  
Tel: +44 (0)1922 711185, Web: surespancovers.com or equal approved.

- 98 GENERAL PERFORMANCE REQUIREMENTS  
As section Z99.

**GENERAL**

110 EVIDENCE OF PERFORMANCE

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

**PERFORMANCE REQUIREMENTS****PERFORMANCE REQUIREMENTS- HINGED AND PIVOTED DOORS/ DOORSETS/ ASSEMBLIES:**

Requirement: Design and install doors/ doorsets/ assemblies to:

- Perform satisfactorily in their intended situation and under their expected conditions in use.
- Have sufficient strength to meet their intended conditions of use.
- Withstand being slammed shut and slammed open.
- Resist impacts by human bodies and substantial objects with similar characteristics.
- Resist impact by hard bodies.
- Withstand forces that result in torsion to its face.
- Resist downward forces
- Withstand the effects of closure against an obstruction
- Resist jarring and vibration
- Resist abusive forces applied to the handle
- Ensure that doors are easy to open or close and fasten or unfasten and remain closed when desired.
- Be free from any dimensional inaccuracy or distortion likely to affect its installation or operation.
- Ensure that leaves do not bow or twist to the point where its appearance is unacceptable or other performance requirements cannot be met.
- Ensure that the doors do not contain any material which by direct contact or otherwise can be detrimental to the health and safety of the user
- Additional requirements for external doors:
- Resist the effects of prevailing weather including rain ingress
- Be resistant to air leakage so that the thermal performance of the building is not reduced significantly.
- Be capable of resisting wind loads
- Thermal insulation must be taken into account in relation to the overall insulation requirements of the walls.
- Timber doorsets comply with BS 644:2010 where applicable.
- Timber doorsets comply & certificated with BS 6375-1: 2015 & BS 6375-2: 2009 to be classed PAS 24: 2016 rated.
- Timber doorsets comply & certificated with BS 6375-3: 2009 relevant sections except clauses 5.9; 5.10; 5.10.1; 5.10.2; 5.10.3; 5.11 & 5.12 to be classed PAS 24: 2016 rated.
- All glazing in PAS 24:2016 doors & door sets must comply & certificated as per BS EN 356:2000.

**112 TIMBER PROCUREMENT**

- Timber (including timber for wood-based products): Obtained from well-managed forests and/ or plantations in accordance with:
  - The laws governing forest management in the producer country or countries.
  - International agreements such as the Convention on International Trade in Endangered Species of wild fauna and flora (CITES).
- Documentation: Provide either:
  - Documentary evidence (which has been or can be independently verified) regarding the provenance of all timber supplied.
  - Evidence that suppliers have adopted and are implementing a formal environmental purchasing policy for timber and wood-based products.
- Certification scheme: Programme for the Endorsement of Forest Certification (PEFC) .
  - Other evidence: None.

**113 SAFETY - POWERED DOORS**

Requirement: Comply with the recommendations of:

- BS 7036-0 Code of practise for safety at powered doors for pedestrian use
- BS EN 16005 General
- BS EN 16005 Straight and curved sliding doors and prismatic and folding doors
- BS EN 16005 Swing doors and balanced doors
- BS EN 16005 Low energy swing doors
- BS EN 16005 Revolving doors

**115A FIRE RESISTING DOORS/ DOORSETS/ ASSEMBLIES**

- Evidence of fire performance: Certification by accredited third party certification body. Accredited By BWF fire door scheme or BM Trada Q Mark. 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.  
MANUFACTURER: ASSA ABLOY UK Limited, School Street, WILLENHALL, WV13 3PW.  
Contact: Allan Thomson 07887 756165; allan.thomson@assaabloy.com  
MANUFACTURER: DATIM, Datim Supplies, Foxwood Industrial Estate Foxwood Road, Chesterfield, S41 9RN. Tel: 01246 572277.
- All timber doors shall be plugged to BM Trada Q Mark requirements or, and carry CERTIFIRE metal foil labels where applicable
- Timber Doors to be provided with permanent identification in accordance with BS 476 Part 8 with the appropriate colour core.
- Provide third party certification of product conformity for specified smoke performance for each door or doorset supplied. Include identifier schedule or similar to allow individual doors to be located.
- Test evidence must be in the name of the door or doorset manufacturer.

**120A NON FIRE RESISTING DOORS/ DOORSETS/ ASSEMBLIES**

- Evidence of fire performance: Certification by accredited third party certification body. Accredited By BWF fire door scheme or BM Trada Q Mark. 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.  
MANUFACTURER: ASSA ABLOY UK Limited, School Street, WILLENHALL, WV13 3PW.  
Contact: Allan Thomson 07887 756165; allan.thomson@assaabloy.com  
MANUFACTURER: DATIM, Datim Supplies, Foxwood Industrial Estate Foxwood Road, Chesterfield, S41 9RN. Tel: 01246 572277.
- Timber Doors to be provided with permanent identification in accordance with BS 476 Part 8 with the appropriate colour core.

**INTERNAL TIMBER DOORSETS GENERALLY**

Joinery workmanship: As section Z10.

Fixings: As section Z20.

Adhesives: To BS EN 204 and section Z20.

Perimeter seals – fire, smoke stop and acoustic: Lorient or Sealmaster or in accordance with the manufacturers fire and acoustic certification for the doorset.

Installation: In accordance with the manufacturer's recommendations and test certification.

Construction gaps: Leaf to frame and leaf to leaf gaps should not exceed 3 mm. The gap at the meeting stiles should not exceed 4 mm. Leaves must not be proud of the door frame at any position by more than 1.5 mm.

**120C PAS 24:2016 SECURE BY DESIGN DOORS/DOORSETS/ ASSEMBLIES**

All products tested to PAS 24:2016 (Clause 5) and subsequently claiming compliance with this standard shall be permanently marked in a position that is visible and readily accessible when the product is open and not visible when the product is closed, with the following information:

- Number and date of the standard
- The date of manufacture of the product (at least the year and quarter)
- The name or trademark of the manufacturer or other means of identifying the manufacturer
- The classification of the doorset e.g. DK or DKT

Important: If a doorset claiming to meet these standards is not marked in accordance with PAS 24 (Clause 5) it does not meet the standard. Secured by Design recommends doorsets are marked on the head (top) of the door to avoid any identifying labels/data being removed during the final site cleaning process. Please note that this is a requirement within PAS 24 (Clause 5) and STS 201 and is an additional requirement to CE marking.

MANUFACTURER: ASSA ABLOY UK Limited, School Street, WILLENHALL, WV13 3PW. Contact: Allan Thomson 07887 756165; allan.thomson@assaabloy.com

MANUFACTURER: DATIM, Datim Supplies, Foxwood Industrial Estate Foxwood Road, Chesterfield, S41 9RN. Tel: 01246 572277.

**121 TIMBER FRAMES AND ARCHITRAVES FOR DOORSETS**

Timber for joinery:

- Softwood: To BS EN 942, Table NA 1.
- Hardwood: To BS EN 942, Table NA 2.

Non fire rated frames:

- Softwood: Minimum density of 420 kg/m<sup>3</sup>.
- Hardwood: Minimum density of 650 kg/m<sup>3</sup>.

FD30 and FD30S:

- Softwood: Minimum density of 420 kg/m<sup>3</sup>.
- Hardwood: Minimum density of 650 kg/m<sup>3</sup>.

- Stops: Minimum dimension of 70 x 32 mm with a 12 mm planted stop or as door manufacturer's fire test certification.

FD60 and FD60S:

- Hardwood: Minimum density of 650 kg/m<sup>3</sup>.
- Stops: Minimum dimension of 70 x 32 mm with a 12 mm planted stop or as door manufacturer's fire test certification.

Door frames for double acting doorsets: The frame is to be scalloped or include shoulders to ensure gaps between door edge and frame do not exceed the specified space.

Stops: Must be pinned or pinned and adhesive fixed as manufacturer's fire test certification.

Architraves: Timber grade and species as specified for the frame.

**122 HARDWOOD LIPPINGS**

Requirement: Hardwood to BS EN 942, Table NA2, minimum density 650 kg/m<sup>3</sup> bonded with cross linked PVAC to BS EN 204. For heavy duty doors lippings are to be tongued.

Doors with timber veneered facings: Timber grade and species as specified for the veneer.

Lippings: To all 4 edges.

Class to BS EN 942: J30/40 (painted), J2 (Clear finish).

**125 FACINGS FOR PAINT FINISH**

Requirement: Hardwood to BS EN 942, Table NA2, minimum density 650 kg/m<sup>3</sup> bonded with cross linked PVAC to BS EN 204. For heavy duty doors lippings are to be tongued. Doors with timber veneered facings: Timber grade and species as specified for the veneer. Lippings: To all 4 edges. Class to BS EN 942: J30/40 (painted), J2 (Clear finish).

**150 SITE DIMENSIONS**

- Procedure: Before starting work on designated items take site dimensions, record on shop drawings and use to ensure accurate fabrication.
- Designated items: Check door schedule opening sizes against all Manufacturer's as clause 55, standard sizes.

**170 CONTROL SAMPLES**

- Procedure:
  - Finalize component details.
  - Fabricate one of each of the following designated items as part of the quantity required for the project.
  - Obtain approval of appearance and quality before proceeding with manufacture of the remaining quantity.
- Designated items: At architect's request.

**175 PLYWOOD**

Manufactured to an approved equivalent national standard.

Bonding quality to BS EN 314-2: Class 1 for normal interior dry conditions with no risk of wetting and Class 2 for use in humid conditions or where service moisture conditions are higher than Class 1.

Durability class: G.

Face veneer species: Close grain plywood as specified/scheduled for painting and/or veneering.

Face grain direction: Parallel to length.

Appearance class to BS EN 635:

- Grade II for veneer and painted finishes.
- Grade E for clear finish.

Surface finish: Sanded.

Treatment for fire rated doors: Flame retardant pre-treatment to give Class 1 surface spread of flame.

**PRODUCTS****410A TIMBER SINGLE DOOR - DOOR TYPE 05,07,11,11A,12,20 & 21**

DOOR TYPE 05,07,20 & 21:

ASSA ABLOY or Equal Approved

Fire Resisting & Smoke Controlling refer to BNY-Door Schedules.

Rw Sound Insulating refer to BNY-Door Schedules.

Performance rating: To DD171 Severe duty: PAS 24:2016 Security. Door to be permanently identifiable as a PAS 24:2016 as clause 120C.

" Manufacturer: ASSA ABLOY: as clause 115/115A.

- Performance rating: Refer to BNY-Door Schedules

" Door leaf:

- Facings: As per Manufacturer's recommendations to suit performance requirements.

- Lippings: All 4 edges, material as per Manufacturer's recommendation or standard range.

- Construction: Solidcore; softwood stiles & rails

- Finish as delivered: Fully Factory primed & finished. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01. Protective bagging.

" Frame: 30mm MDF H Section Frame.

- Architraves: MDF 69x18mm Pencil Rounded

- Finish as delivered: Factory primed (paint finished on site by contractor. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01).

- Door stop: Rebated from the solid

- Fixing holes: Factory prepared, four per jamb

" Preservative treatment: Not required.

" Glazing/ Infill details: Refer to BNY-Door Schedules.

Clear single glazing EW30;11mm Contraflam Door Lite to BS EN 13501-2, when required.

Clear single glazing EW60;11mm Contraflam Door Lite to BS EN 13501-2, when required.- Manifestation: Not required.

Clear single glazing EW120;11mm Contraflam Door Lite to BS EN 13501-2, when required.

" Ironmongery: Refer to BNY-Ironmongery Schedule - BNY-MA(32)AL02.

" Perimeter seals: Fire, smoke and acoustic seals as per manufacturer's factory standard; factory-fitted drop-down threshold bar as required to suit door rating, Refer to BNY-Door Schedules.

" Other requirements: Gap between walls/lintels and door frame to be fire stopped, when required.

" Fixing: Refer to ASSA ABLOY or Equal Approved fixing instructions.

" Fire Rating permanently marked on all door sets, as required as clause 115A.

DOOR TYPE 11, 11A & 12:

DATIM APARTMENT DOORS [Bedroom, Bathroom & General Doors]

Fire Resisting & Smoke Controlling refer to BNY-Door Schedules.

Rw Sound Insulating refer to BNY-Door Schedules.

" Manufacturer: as clause 115/115A.

- Performance rating: Refer to BNY-Door Schedules

" Door leaf:

- Facings: As per Manufacturer's recommendations to suit performance requirements.

- Lippings: All 4 edges, material as per Manufacturer's recommendation or standard range.

- Construction: Solidcore; softwood stiles & rails

- Finish as delivered: Fully Factory primed & finished. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01. Protective bagging.

- " Frame: 30mm MDF H Section Frame.
- Architraves: MDF 69x18mm Pencil Rounded
- Finish as delivered: Factory primed (paint finished on site by contractor. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01).
- Door stop: Rebated from the solid
- Fixing holes: Factory prepared, four per jamb
- " Preservative treatment: Not required.
- " Ironmongery: Refer to BNY-Ironmongery Schedule - BNY-MA(32)AL02.
- " Perimeter seals: Fire, smoke and acoustic seals as per manufacturer's factory standard; factory-fitted drop-down threshold bar as required to suit door rating, Refer to BNY-Door Schedules.
- " Other requirements: Gap between walls/lintels and door frame to be fire stopped, when required.
- " Fixing: Refer to DATIM or Equal approved fixing instructions.
- " Fire Rating permanently marked on all door sets, as required as clause 120A.

#### 410B TIMBER DOUBLE DOOR - DOOR TYPE 06,08

DOOR TYPE 06, 08:

ASSA ABLOY

Fire Resisting & Smoke Controlling refer to BNY-Door Schedules.

Rw Sound Insulating refer to BNY-Door Schedules.

Performance rating: To DD171 Severe duty: PAS 24:2016 Security. Door to be permanently identifiable as a PAS 24:2016 as clause 120C.

" Manufacturer: ASSA ABLOY: as clause 115/115A.

- Performance rating: Refer to BNY-Door Schedules

" Door leaf:

- Facings: Refer to BNY-Door Schedule
- Lippings: Edge Banded
- Construction: Solidcore; softwood stiles & rails
- Finish as delivered: Fully Factory primed & finished. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01. Protective bagging.
- " Frame: 30mm MDF H Section Frame.
- Architraves: MDF 69x18mm Pencil Rounded
- Finish as delivered: Factory primed (paint finished on site by contractor. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01).
- Door stop: Rebated from the solid
- Fixing holes: Factory prepared, four per jamb
- " Preservative treatment: Not required.
- " Glazing/ Infill details: Refer to BNY-Door Schedules.
  - Clear single glazing EW30;11mm Contraflam Door Lite to BS EN 13501-2, when required.
  - Clear single glazing EW60;11mm Contraflam Door Lite to BS EN 13501-2, when required.- Manifestation: Not required.
- " Ironmongery: Refer to BNY-Ironmongery Schedule.
- " Perimeter seals: Fire, smoke and acoustic seals as per manufacturer's factory standard; factory-fitted drop-down threshold bar as required to suit door rating, Refer to BNY-Door Schedules.
- " Other requirements: Gap between walls/lintels and door frame to be fire stopped, when required.
- " Fixing: Refer to ASSA ABLOY fixing instructions.

## 410C TIMBER LEAF AND A HALF - DOOR TYPE 09

DOOR TYPE 09:

ASSA ABLOY

Fire Resisting &amp; Smoke Controlling refer to BNY-Door Schedules.

Rw Sound Insulating refer to BNY-Door Schedules.

" Manufacturer: ASSA ABLOY: as clause 115/115A.

- Performance rating: Refer to BNY-Door Schedules

" Door leaf:

- Facings: Refer to BNY-Door Schedule

- Lippings: Edge Banded

- Construction: Solidcore; softwood stiles &amp; rails

- Finish as delivered: Fully Factory primed &amp; finished. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01. Protective bagging.

" Frame: 30mm MDF H Section Frame.

- Architraves: MDF 69x18mm Pencil Rounded

- Finish as delivered: Factory primed (paint finished on site by contractor. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01)..

- Door stop: Rebated from the solid

- Fixing holes: Factory prepared, four per jamb

" Preservative treatment: Not required.

" Glazing/ Infill details: Refer to BNY-Door Schedules.

Clear single glazing EW30;11mm Contraflam Door Lite to BS EN 13501-2, when required.

Clear single glazing EW60;11mm Contraflam Door Lite to BS EN 13501-2, when required.- Manifestation: Not required.

Clear single glazing EW120;11mm Contraflam Door Lite to BS EN 13501-2, when required.

" Ironmongery: Refer to BNY-Ironmongery Schedule.

" Perimeter seals: Fire,smoke and acoustic seals as per manufacturer's factory standard;factory-fitted drop-down threshold bar as required to suit door rating, Refer to BNY-Door Schedules.

" Other requirements: Gap between walls/lintels and door frame to be fire stopped, when required.

" Fixing: Refer to ASSA ABLOY fixing instructions.

- 410D TIMBER SINGLE DOOR - DOOR TYPE 10 - APARTMENT ENTRANCE DOOR  
 DATIM APARTMENT DOOR  
 DOOR TYPE 10  
 DATIM APARTMENT DOORS [Entrance Doors]  
 Fire Resisting & Smoke Controlling refer to BNY-Door Schedules.  
 Rw Sound Insulating refer to BNY-Door Schedules.  
 Performance rating: To DD171 Severe duty: PAS 24:2016 Security. Door to be permanently identifiable as a PAS 24:2016 as clause 120C.  
 " Manufacturer: as clause 115/115A.  
 - Performance rating: Refer to BNY-Door Schedules  
 " Door leaf:  
 - Facings: As per Manufacturer's recommendations to suit Fire Ratings.  
 - Lippings: Hardwood; 6mm thick L4E & profiled  
 - Construction: Solidcore; softwood stiles & rails  
 - Finish as delivered: Fully Factory primed & finished RAL 7038 Matt, refer to Interior Finishes Schedule BNY-APT(40)AL01. Protective bagging.  
 " Frame: Hybrid Construction - Hardwood Sapele frame facing the apartment & Engineered Softwood (530kg/m3) facing the communal corridor.  
 - Frame type: Single Rebate 46x17mm  
 - Minimum frame size: 100x49mm + 18mm MDF Ext Liner T&G (205mm wall width)  
 - Architraves: MDF 69x18mm Pencil Rounded  
 - Finish as delivered: Factory primed (paint finished on site by contractor. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01).  
 - Door stop: Rebated from the solid  
 - Fixing holes: Factory prepared, four per jamb  
 - Threshold: As per Benoy Series 43 Floor Finishes details  
 " Preservative treatment: Not required.  
 " Ironmongery: Refer to BNY- Ironmongery Schedule BNY-MA(32)AL01.  
 " Perimeter seals: Fire, smoke and acoustic seals as per manufacturer's factory standard; factory-fitted drop-down threshold bar as required to suit door rating, Refer to BNY-Door Schedules.  
 " Other requirements: Gap between walls/lintels and door frame to be fire stopped, when required.  
 " Fixing: Refer to DATIM or Equal approved fixing instructions.  
 " Fire Rating permanently marked on all door sets, as required as clause 115A.

- 410E TIMBER DOUBLE DOOR - DOOR TYPE 13 - APARTMENT CUPBOARD DOORS  
 DATIM APARTMENT DOOR  
 DOOR TYPE 13  
 DATIM APARTMENT DOORS [Cupboard Doors]  
 Fire Resisting & Smoke Controlling refer to BNY-Door Schedules.  
 Rw Sound Insulating refer to BNY-Door Schedules.  
 " Manufacturer: as clause 115/115A.  
 - Performance rating: Refer to BNY-Door Schedules  
 " Door leaf:  
 - Facings: As per Manufacturer's recommendations to suit performance requirements.  
 - Lippings: All 4 edges, material as per Manufacturer's recommendation or standard range.  
 - 10mm undercut at the foot of the door to threshold subject to installed floor finish  
 - Construction: Solidcore; softwood stiles & rails  
 - Finish as delivered: Fully Factory primed & finished. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01. Protective bagging.  
 " Frame: 30mm MDF H Section Frame.  
 - Architraves: MDF 69x18mm Pencil Rounded  
 - Finish as delivered: Factory primed (paint finished on site by contractor. Colour - refer to Interior Finishes Schedule BNY-APT(40)AL01).  
 - Door stop: 32 x 12mm  
 - Fixing holes: Factory prepared, four per jamb  
 " Preservative treatment: Not required.  
 " Ironmongery: Refer to BNY-Ironmongery Schedule BNY-MA(32)AL02  
 " Perimeter seals: Fire, smoke and acoustic seals as per manufacturer's factory standard; factory-fitted drop-down threshold bar as required to suit door rating, Refer to BNY-Door Schedules.  
 " Other requirements: Gap between walls/lintels and door frame to be fire stopped, when required.  
 " Fixing: Refer to DATIM or Equal approved fixing instructions.  
 " Fire Rating permanently marked on all door sets, as required as clause 120A.
- 410F TIMBER SLIDING POCKET DOOR - DOOR TYPE 27  
 Manufacturer: [Eclisse or equal & Approved].  
 - Product reference: [Classic DOUBLE Pocket Door System].  
 Performance: [35 dB RW Sound Reducing].  
 Arrangement: [Refer to BNY 32 series drawings].  
 - Track system: [Galvanised Steel].  
 Door leaf: [Solid timber laminated core material].  
 Operation: [sliding into wall reveal].  
 Ironmongery: [Flush insert SS handle].  
 Other requirements.

## EXECUTION

- 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.

**740 CORROSION PROTECTION**

- Surfaces to be protected: Any areas of external door frames hidden from view .
- Protective coating: Two coats of bitumen solution to BS 6949 or an approved mastic impregnated tape.
  - Timing of application: 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.

**770 DAMP PROOF COURSES ASSOCIATED WITH BUILT IN WOOD FRAMES**

- Method of fixing: To backs of frames using galvanized clout nails.

**780 DAMP PROOF COURSES IN PREPARED OPENINGS**

- Location: Correctly positioned in relation to door frames. Do not displace during fixing operations.

**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.

**790A FIXING OF WOOD FRAMES**

- Spacing of fixings - as per ASSA ABLOY predrilled hole configuration.

**800 FIXING OF LOOSE THRESHOLDS**

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

**809 FIRE RESISTING/ SMOKE CONTROL DOORS/ DOORSETS/ ROLLER SHUTTERS/ CURTAINS**

- 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/ SMOKE CONTROL DOORS/ DOORSETS/ ROLLER SHUTTERS/ CURTAINS**

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

**820 SEALANT JOINTS**

- Sealant:
  - Manufacturer: Contractor's choice .
  - Product reference: Contractor's choice .
  - Colour: Grey .
  - Application: As section Z22 to prepared joints. Triangular fillets finished to a flat or slightly convex profile.

**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.

**830A 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.
- Adhere to manufacturer's instructions and fixing templates supplied with products

**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 fire doors requiring  $\geq 60$  minutes integrity performance: Coated with intumescent paint or paste before installation.

**840A 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: prepared to manufacturer's design offsite at factory

**850 LOCATION OF HINGES**

- Primary hinges: Where not specified otherwise, positioned with centre lines 250 mm from top and bottom of door leaf.
- Third hinge: Where specified, positioned As per manufacturer's design .
- Hinges for fire resisting doors: Positioned in accordance with door leaf manufacturer's recommendations.

**860 INSTALLATION OF EMERGENCY EXIT DEVICES**

- Standard: Unless specified otherwise, install panic bolts/ latches in accordance with BS EN 1125.