

Greig & Stephenson Architects Limited

Kirklees Council

Huddersfield Market Regeneration Project

NBS - Huddersfield Market

HMH-GSA-XX-XX-T-A-1591

04-02-2026

Doors/ shutters/ hatches

Regeneration of Huddersfield Market and surrounding
public realm

Contents

L20 Doors/ shutters/ hatches 01

Rev	Date	Comments	WTN	CHK
P01	16/01/26	S4 – For Tender	CL	TA
P02	04/02/26	Clause 420A heading & 480A amended; Clause 480B added	CL	TA

L20 Doors/ shutters/ hatches

General

100 Alterations

1. Cross references:
 - [Section C90](#) 'Alterations'.
 - [Section C51](#) 'Repairing/ renovating/ conserving timber'.

2. Description: Retained door works

110 Evidence of performance

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

112 Timber procurement

1. **Timber (including timber for wood-based products):** Obtain from well managed forests and/ or plantations in accordance with:
 - 1.1. The laws governing forest management in the producer country or countries.
 - 1.2. International agreements such as the 'Convention on International Trade in Endangered Species of wild fauna and flora (CITES)'.
2. **Documentation:** Provide either in accordance with chain of custody certification scheme requirements:
 - 2.1. Documentary evidence (which has been or can be independently verified) regarding the provenance of all timber supplied, or
 - 2.2. Evidence that suppliers have adopted and are implementing a formal environmental purchasing policy for timber and wood-based products.
3. **Chain of custody certification scheme:** Contractor's choice in accordance with UK Government timber procurement policy (UKTPP), i.e. FSC, GiB or PEFC
 - 3.1. **Other evidence:** UK Government Timber procurement policy Category B

115 Fire-resisting and smoke control pedestrian doors/ door assemblies/ doorsets

1. **UKCA/ UKNI/ CE marked fire-resisting and smoke control pedestrian doorsets:** To BS EN 16034 and in conjunction with BS EN 13241, BS EN 14351-1 and BS EN 14351-2.
2. **Door products:** As defined in BS EN 12519.
3. **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/ door assembly/ doorset supplied will comply with the specified requirements for fire-resisting and/ or smoke control if tested to BS 476-22, BS EN 1634-1, BS EN 1634-3 or is UKCA/ UKNI/ CE marked to BS EN 16034. Specified values should not be a combination of both standards. Such certification must cover door and frame materials, glass and glazing materials and their installation, essential and ancillary ironmongery, hinges and seals.
4. Components, assemblies or sets will be marked to the relevant UKCA/ UKNI/ CE marking European product standard (hEN), national product standard and/ or third-party certification rating.

120 Non-fire-resisting pedestrian doors/ door assemblies/ doorsets

1. Provide certified evidence, in the form of a product conformity certificate or engineering assessment, that each pedestrian door/ doorset/ assembly supplied will comply with the specified requirements to BS EN 14351-1. Such certification must cover door and frame materials, glass and glazing materials and their installation, essential and ancillary ironmongery, hinges and seals.
2. Components and assemblies will be marked to the relevant UKCA/ UKNI/ CEI marking European product standard (hEN), national product standard and/ or third-party certification rating.

150 Site dimensions

1. Procedure: Before starting work on designated items take site dimensions, record on shop drawings and use to ensure accurate fabrication.
2. Designated items: As per door schedule

Products

410A Wood doorsets with and without Vision Panel Flush - Back Of House Paint Grade

1. Description: Laminated Flush Door
2. Manufacturer: John Watson High Performance Doorsets or similar approved

Belle Vue Way,
Hartlepool,
TS25 1JZ

[John Watson High Performance Doorsets – Manufacturer of Internal and External Timber Fire, Security & Acoustic Doors and Screens](#)

- 2.1. Product reference: Internal Heavy Duty Commercial Door - Flush 44mm
 3. Door leaf:
 4. Arrangement: Single or Double - Refer to schedule
 5. Core: Particleboard - MR Grade
 6. Thickness: 44mm
 7. Facings: HGS-grade laminate plain colour matt finish Colour TBC with architect - Provide Samples in
Standard Pink NCS CODE - S 2020-Y90R
Standard Signal Red NCS CODE - S 2570-R
Holly Green / Hollybush 14 C 39

Will consider standard range colours to align with design intent.
 8. Lippings: 6 mm hardwood lipping all round
 9. Finish as delivered: Full factory finish
 10. Frame and architraves
 - 10.1. Type: Scots Pine
 11. Finish as delivered: Primed factory finish
 12. Preservative treatment: Required
 13. Glazing/ infill details: Refer to schedule. Clear fire-resisting safety glazing
 - 13.1. Manifestation: Not required
 14. Beading: Internal
 15. Ironmongery: Require refer to schedule
 16. As ironmongery schedule
 17. Perimeter seals: Fire and smoke seal
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Limited
04-02-2026

18. Fire performance
 - 18.1. Fire resistance: As door schedule
 - 18.2. Smoke leakage: Manufacturer's standard
 - 18.3. Reaction to fire: To BS EN 13501-1, Class B or better
19. Thermal performance (U-value maximum): Manufacturer's standard
20. Other requirements: None
21. Fixing: Plugged and screwed
22. Verification
 - 22.1. Submittals : Product sample as specified, including integral accessories, with certification demonstrating compliance with the performance requirements of the system.

Manufacturer's certification and warranties for a period of 15 years.

Manufacturer's qualified claim of recyclability, in accordance with BS EN ISO 14021.

FIRE DOORS: - UKCA Declaration of Performance or a third-party certification in respect of fire performance by a UKAS-accredited third-party testing organization.
 - Test results, report and certification from an accredited testing facility.
 - Manufacturer's literature and/ or certification.
 - Specialist subcontractor's design credentials
 - 22.2. Timing: Provide shop drawings for approval prior to order.

420A Wood panelled doorsets with vision panel

1. Description: New heritage type panelled solid wood doors
2. Manufacturer: John Watson High Performance Doorsets or Hazlin of Ludlow Ltd or similar approved
Station Works
Bromfield
Ludlow
Shropshire
SY8 2BT
 - 2.1. Product reference: Solid Timber Heavy duty door panelled doorsets
3. Performance
 - 3.1. Fire performance
 - 3.1.1. Fire resistance: Refer to Schedule
 - 3.1.2. Smoke leakage: Manufacturer's Standard
 - 3.1.3. Reaction to fire: To BS EN 13501-1, Class B or better
 - 3.2. Mechanical strength: Heavy duty door
 - 3.3. Thermal performance (U-value maximum): 1.2 W/(m²·K) to Fully Glazed Door
4. Door leaf
 - 4.1. Core: Solid Softwood.
 - 4.2. Thickness: 44 mm.
 - 4.3. Wood species: European redwood. Scots Pine
 - 4.4. Panel details: Refer to schedule. Provide shop drawings for approval.
 - 4.5. Finish as delivered: Full paint system, as section M60.
5. Frame
 - 5.1. Material: Softwood.
 - 5.2. Species: European redwood. Scots Pine

- 5.3. Appearance Class: To BS EN 942, J10. Tiber to be paint grade.
- 5.4. Finish as delivered: Full paint system, as section M60.
6. Architrave
 - 6.1. Material: Softwood.
 - 6.2. Species: European redwood. Scots Pine
 - 6.3. Appearance Class: To BS EN 942, J10.
 - 6.4. Finish as delivered: Full paint system, as section M60.
7. Preservative treatment: Required
8. Glazing/ infill details: Refer to schedule. Clear fire-resisting safety glazing
9. Manifestation: Not applicable.
10. Beading: Internal.
11. Ironmongery: As ironmongery schedule.
12. Perimeter seals: Fire and smoke seal to Fire Doors - see schedule
13. Other requirements: None.
14. Fixing: Plugged and screwed.
15. Verification
 - 15.1. Submittals: Product sample as specified, including integral accessories, with certification demonstrating compliance with the performance requirements of the system.

Manufacturer's certification and warranties for a period of 15 years.

Manufacturer's qualified claim of recyclability, in accordance with BS EN ISO 14021.

FIRE DOORS: - UKCA Declaration of Performance or a third-party certification in respect of fire performance by a UKAS-accredited third-party testing organization.

 - Test results, report and certification from an accredited testing facility.
 - Manufacturer's literature and/ or certification.
 - Specialist subcontractor's design credentials
 - 15.2. Timing: Provide shop drawings for approval prior to order.

420B Wood panelled doorsets

1. Description: New heritage type panelled solid wood doors
2. Manufacturer: John Watson High Performance Doorsets or Hazlin of Ludlow Ltd or similar approved
Station Works
Bromfield
Ludlow
Shropshire
SY8 2BT
 - 2.1. Product reference: Solid Timber Heavy duty door panelled doorsets
3. Performance
 - 3.1. Fire performance
 - 3.1.1. Fire resistance: Refer to Schedule
 - 3.1.2. Smoke leakage: Manufacturer's Standard
 - 3.1.3. Reaction to fire: To BS EN 13501-1, Class B or better
 - 3.2. Mechanical strength: Heavy duty door
 - 3.3. Thermal performance (U-value maximum): 1.2 W/(m²·K) to Fully Glazed Door

4. Door leaf
 - 4.1. Core: Solid Softwood.
 - 4.2. Thickness: 44 mm.
 - 4.3. Wood species: European redwood. Scots Pine
 - 4.4. Panel details: Refer to schedule. Provide shop drawings for approval.
 - 4.5. Finish as delivered: Full paint system, as section M60.
5. Frame
 - 5.1. Material: Softwood.
 - 5.2. Species: European redwood. Scots Pine
 - 5.3. Appearance Class: To [BS EN 942](#), J10. Tiber to be paint grade.
 - 5.4. Finish as delivered: Full paint system, as section M60.
6. Architrave
 - 6.1. Material: Softwood.
 - 6.2. Species: European redwood. Scots Pine
 - 6.3. Appearance Class: To [BS EN 942](#), J10.
 - 6.4. Finish as delivered: Full paint system, as section M60.
7. Preservative treatment: Required
8. Glazing/ infill details: Not applicable.
9. Manifestation: Not applicable.
10. Beading: Internal.
11. Ironmongery: As ironmongery schedule.
12. Perimeter seals: Fire and smoke seal to Fire Doors - see schedule
13. Other requirements: None.
14. Fixing: Plugged and screwed.
15. Verification
 - 15.1. Submittals: Product sample as specified, including integral accessories, with certification demonstrating compliance with the performance requirements of the system.

Manufacturer's certification and warranties for a period of 15 years.

Manufacturer's qualified claim of recyclability, in accordance with BS EN ISO 14021.

FIRE DOORS: - UKCA Declaration of Performance or a third-party certification in respect of fire performance by a UKAS-accredited third-party testing organization.
 - Test results, report and certification from an accredited testing facility.
 - Manufacturer's literature and/ or certification.
 - Specialist subcontractor's design credentials
 - 15.2. Timing: Provide shop drawings for approval prior to order.

480A Aluminium doorsets Glazed Aluminium Doors

1. Description : New glazed aluminium doors to occurs to new entrance doors to Annexe 01 and 03 and within all glazed screens and curtain walls.
2. Manufacturer: [Technal](#)
 - 2.1. Contact details
 - 2.1.1. Address: Hydro Building Systems UK Ltd
Severn Drive

Tewkesbury
Gloucestershire
GL20 8SF

- 2.1.2. Telephone: +44 (0)1684 853 500
- 2.1.3. Web: <https://www.technal.com/en-uk/commercial>
- 2.1.4. Email: info.uk@hydro.com
- 2.2. Product reference: [Aluminium High Traffic Door - TITANE Next 75 \(Titane Next 75 Door and Framing System - Electronic Entry Door\)](#)
- 3. Standard: External non-fire-rated aluminium alloy doorset to BS 4873 and UKCA/ UKNI/ CE marked in accordance with BS EN 14351-1.
- 4. Configuration: Single Leaf OR Double leaf, single action - Refer to schedule.
- 5. Doorset size: Refer to schedule
- 6. Performance
 - 6.1. Acoustic performance: Manufacturer's standard.
 - 6.2. Strength and durability: Very High Traffic 500,000 cycles. To BS EN 1191:2012, Class 4. To BS EN 1192:2000, Class 4.
 - 6.3. Thermal: Up to 1.2 W/m²K.
 - 6.4. Intruder resistance
 - 6.4.1. Minimum requirement: To PAS 24.
- 7. Frame
 - 7.1. Material: Hydro CIRCAL® Aluminium alloy 6060 T66, extruded to EN 12020, EN 573-3, EN 515 and EN 775-1 to 9.
 - 7.2. Threshold: Doc M compliant.
 - 7.3. Perimeter seals or inserts: EPDM membranes, ≤ 250 mm width.
 - 7.4. Finish
 - 7.4.1. Coating: To match Curtain Walling System H11/110 Powder coating to BS EN 12206-1.
 - 7.4.2. Texture: Matt.
 - 7.4.3. Colour: Standard Technal finish.
- 8. Door leaf
 - 8.1. Thickness: 75 mm.
 - 8.2. Panel details: Solid infill and spandrel panels to be tested and classified to Class A2-s1, d0 or A1 according to BS EN 13501 1:2007+A1:2009 for reaction to fire. Panel U-value to be 1.0 W/m²K (or less). Panels to have rigid edges.
 - 8.3. Material: Hydro CIRCAL® Aluminium alloy 6060 T66, extruded to EN 12020, EN 573-3, EN 515 and EN 775-1 to 9.
 - 8.4. Perimeter seals: EPDM weather.
 - 8.5. Glazing
 - 8.5.1. Type: Insulated glass units (IGUs).
 - 8.5.2. Manifestation: As drawings
 - 8.6. Beading
 - 8.6.1. Type: Internal.
 - 8.6.2. Material: Hydro CIRCAL® Aluminium alloy 6060 T66, extruded to EN 12020, EN 573-3, EN 515 and EN 775-1 to 9.
 - 8.7. Finish
 - 8.7.1. Coating: To match Curtain Walling System H11/110 Powder coating to BS EN 12206-1.

- 8.7.2. Texture: Matt.
 - 8.7.3. External colour: Standard Technal finish. To match Curtain Walling System H11/110
 - 8.7.4. Internal colour: Standard Technal finish. To match Curtain Walling System H11/110
 - 8.7.5. Film thickness (minimum): 60 microns.
- 9. UK exposure category: 1200 Pa.
 - 10. Air permeability: To EN 14351-1+A1, Class 2 (300 Pa).
 - 11. Watertightness: To EN 14351-1+A1, Class E3A (100 Pa).
 - 12. Resistance to wind load: To EN 14351-1+A1, Class C3 (1200 Pa).
 - 13. Louvres: Glazed-in louvres to be tested and classified to Class A2-s1, d0 or A1 according to BS EN 13501-1:2007+A1:2009 for reaction to fire.
 - 14. Closers: Where door automation is required to main public entrances (see schedule) as P21/410
 - 15. Locking: Refer to schedule:

Type A - Main public entrance doors: Deadlock with fire escape thumb turn to Main public Entrance doors

Type B - Trader / service doors: Latched door for locking upon closure with panic escape bar internally for fire escape.

Type C - Push Panic Fire Escape hardware internally and Push Plate Outside.

- 16. Locking/ handles: **Type A** - Main public entrance doors: Push Plate externally and T Bar Pull Handle internally Satin Stainless Steel Length 1200mm - confirm with sample.

Type B - Trader / service doors: Nothing externally and T Bar Pull Handle internally Satin Stainless Steel Length 1800mm - confirm with sample.

Type C - Push Panic Fire Escape hardware internally and Push Plate Outside.

- 17. Third-party certification: BM Trada Q Mark, UL, IFT.
- 18. FrameMaterial: Recycled content: Minimum of 75% recycled end-of-life aluminium (post-consumer scrap). Embodied carbon: GWP (A1-A3) of no greater than 1.9 kg of CO2e/kg of aluminium.
- 19. Verification: Submit EcoPlatform third party published EPD conforming to ISO 14025 and EN 15804+A2. Proof of calculation of U-values to EN 10077-2 to be provided by specialist contractor.

480B Aluminium doorsets to Annexe fire escapes

- 1. Description : New glazed aluminium doors to occurs to new entrance doors to Annexe 01 and 03 and within all glazed screens and curtain walls.
- 2. Manufacturer: [Technal](#)
 - 2.1. Contact details
 - 2.1.1. Address: Hydro Building Systems UK Ltd
Severn Drive
Tewkesbury
Gloucestershire
GL20 8SF
 - 2.1.2. Telephone: [+44 \(0\)1684 853 500](tel:+441684853500)
 - 2.1.3. Web: <https://www.technal.com/en-uk/commercial>
 - 2.1.4. Email: info.uk@hydro.com
 - 2.2. Product reference: [Aluminium High Traffic Door - TITANE Next 75 \(Titane Next 75 Door and Framing System - Electronic Entry Door\)](#)
- 3. Standard: External non-fire-rated aluminium alloy doorset to BS 4873 and UKCA/ UKNI/ CE marked in accordance with BS EN 14351-1.

4. Configuration: Single Leaf
5. Doorset size: Refer to schedule
6. Performance
 - 6.1. Acoustic performance: Manufacturer's standard.
 - 6.2. Strength and durability: Very High Traffic 500,000 cycles. To BS EN 1191:2012, Class 4. To BS EN 1192:2000, Class 4.
 - 6.3. Thermal: Up to 1.2 W/m²K.
 - 6.4. Intruder resistance
 - 6.4.1. Minimum requirement: To PAS 24.
7. Frame
 - 7.1. Material: Hydro CIRCAL® Aluminium alloy 6060 T66, extruded to EN 12020, EN 573-3, EN 515 and EN 775-1 to 9.
 - 7.2. Threshold: Doc M compliant.
 - 7.3. Perimeter seals or inserts: EPDM membranes, ≤ 250 mm width.
 - 7.4. Finish
 - 7.4.1. Coating: To match Curtain Walling System H11/110 Powder coating to BS EN 12206-1.
 - 7.4.2. Texture: Matt.
 - 7.4.3. Colour: Standard Technal finish.
8. Door leaf
 - 8.1. Thickness: 75 mm.
 - 8.2. Panel details: Solid infill and spandrel panels to be tested and classified to Class A2-s1, d0 or A1 according to BS EN 13501 1:2007+A1:2009 for reaction to fire. Panel U-value to be 1.0 W/m²K (or less). Panels to have rigid edges.
 - 8.3. Material: Hydro CIRCAL® Aluminium alloy 6060 T66, extruded to EN 12020, EN 573-3, EN 515 and EN 775-1 to 9.
 - 8.4. Perimeter seals: EPDM weather.
 - 8.5. Glazing
 - 8.5.1. Type: Aluminium solid core panel
 - 8.5.2. Manifestation: Not required.
 - 8.6. Beading
 - 8.6.1. Type: Internal.
 - 8.6.2. Material: Hydro CIRCAL® Aluminium alloy 6060 T66, extruded to EN 12020, EN 573-3, EN 515 and EN 775-1 to 9.
 - 8.7. Finish
 - 8.7.1. Coating: To match Curtain Walling System H11/110 Powder coating to BS EN 12206-1.
 - 8.7.2. Texture: Matt.
 - 8.7.3. External colour: Standard Technal finish. To match Curtain Walling System H11/110
 - 8.7.4. Internal colour: Standard Technal finish. To match Curtain Walling System H11/110
 - 8.7.5. Film thickness (minimum): 60 microns.
9. UK exposure category: 1200 Pa.
10. Air permeability: To EN 14351-1+A1, Class 2 (300 Pa).
11. Watertightness: To EN 14351-1+A1, Class E3A (100 Pa).
12. Resistance to wind load: To EN 14351-1+A1, Class C3 (1200 Pa).
13. Closers: Where door automation is required to main public entrances (see schedule) as P21/410

14. Locking: Refer to schedule:

Type B - Trader / service doors: Latched door for locking upon closure with panic escape bar internally for fire escape.

15. Locking/ handles: **Type B** - Trader / service doors: Nothing externally and T Bar Pull Handle internally Satin Stainless Steel Length 1800mm - confirm with sample

16. Third-party certification: BM Trada Q Mark, UL, IFT.

17. FrameMaterial: Recycled content: Minimum of 75% recycled end-of-life aluminium (post-consumer scrap). Embodied carbon: GWP (A1-A3) of no greater than 1.9 kg of CO2e/kg of aluminium.

18. Verification: Submit EcoPlatform third party published EPD conforming to ISO 14025 and EN 15804+A2. Proof of calculation of U-values to EN 10077-2 to be provided by specialist contractor.

520 Sliding doors Salvaged Doors Re-Hung D00.01a

1. Description: Existing Red Painted doors concealed behind external shutters in Annexe 01. Doors to be salvaged and re-hung as decorative doors to Annexe 01 Main Entrance D00.01a

2. Manufacturer: existing

2.1. Product reference: existing

3. Performance: existing

4. Self-closing: n.a

5. Durability: n.a

6. Arrangement: Paired leaf top-hung

6.1. Track system: Helaform 150 Series Wall Fixed - Stainless Steel Sliding Door track and Brackets or similar approved

7. Salvaged door leaves

8. Door leaf: To be Salvaged

8.1. Scope:

- Remove existing softwood swing doors carefully and store to prevent damage.
- Re-hang doors in their new position as decorative doors in front of newly installed glazed metal doors.
- Include minor filling of holes, cracks, or surface imperfections, removal of redundant door furniture, and installation of new overhead door track and locking ironmongery.
- Decorate all prepared surfaces in accordance with M60.

8.2. Materials:

- Filler suitable for timber, compatible with subsequent painted finishes.
- New overhead door track and locking ironmongery as indicated on drawings.
- Paint and associated materials in accordance with M60.

8.3. Execution :

- Remove doors carefully to prevent damage; store on suitable supports.
- Prepare timber surfaces in accordance with M60, including filling minor defects and removing redundant hardware.
- Re-hang doors ensuring proper alignment and smooth operation on new overhead track.
- Fix new locking ironmongery in locations indicated on drawings.
- Decorate all prepared surfaces in accordance with M60, providing a uniform, durable, and visually consistent finish.
- Inspect and adjust doors to ensure full functionality and aesthetic quality.

9. Operation: Overhead track with catch

10. Ironmongery: Top Track only

11. Thermal performance (U-value maximum): not required
12. Other requirements: Supply ss fixings for track to face fix into existing masonry

610 Roller shutters To Annexe Escape Doors

1. Manufacturer: [HAG Ltd. - The Door Specialists](#) or similar approved
 - 1.1. Contact details
 - 1.1.1. Address: 1 Oak Lane
Fishponds
Bristol
United Kingdom
BS5 7UY
 - 1.1.2. Telephone: [0800 072 3444](tel:0800 072 3444)
 - 1.1.3. Web: <https://www.hag.co.uk/>
 - 1.1.4. Email: info@hag.co.uk
 - 1.2. Product reference: [SR2, SR3 & SR4 Self Locking Roller Shutters Insurance-rated To LPS 1175 \(SR2 Insurance Roller Shutter\)](#)
2. Standard: To BS EN 12489 and BS EN 12426 Loss Prevention Certification Board (LPCB) to LPS 1175, Issue 7, to level SR2.
3. Opening sizes: See drawings
4. Format: External.
5. Arrangement: Vertical operation.
6. Shutter curtain
 - 6.1. Lath material: Aluminium.
 - 6.2. Profile: Curved 90 mm twin-skinned.
 - 6.3. Finish and colour: Polyester powder-coated, colour. red to match market hall
7. Frame and guides
 - 7.1. Material: Steel.
 - 7.2. Finish: Polyester powder-coated.
 - 7.3. Colour: Black As shutter curtain.
8. Operation
 - 8.1. Mode: Automatic.
 - 8.2. Control: Rocker switch.
9. Hardware: Built in self-locking mechanism.
10. Fixing: Fixed to underside of soffit
11. Additional Requirements: Fire Alarm
 - 11.1. Battery: Battery back up operation to be provided
 - 11.2. Operation : Automatic opening on activation of fire detection system. Manual override push button located internally with key access

Execution

710 Protection of components

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

730 Priming/ sealing

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

750 Fixing doorsets

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

760 Building in

1. General: Not permitted unless indicated on drawings.

770 Damp-proof courses associated with built-in wood frames

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

780 Damp-proof courses in prepared openings

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

790 Fixing of wood frames

1. 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

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

809 Fire-resisting and smoke control doors/ door assemblies/ doorsets/ roller shutters and curtains – accredited installer

1. 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 smoke control doors/ door assemblies/ doorsets/ roller shutters and curtains – contractor installed

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

811 Fire-resisting and smoke control doorsets, industrial, commercial and garage doors

1. Installation: By manufacturer or their approved installers, in accordance with requirements of BS EN 16034 and in conjunction with BS EN 13241, including the Declaration of Performance (DoP) certification for the UKCA/ UKNI/ CE marked doorset.

820 Sealant joints

1. Sealant
 - 1.1. Manufacturer: Contractor's choice
 - 1.1.1. Product reference: Submit proposals
 - 1.2. Colour: White to internal doors; Coloured matching frame colour to external doors
 - 1.3. Application: As section Z22 to prepared joints. Triangular fillets finished to a flat or slightly convex profile.

830 Fixing ironmongery generally

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

840 Fixing ironmongery to fire-resisting door assemblies

1. 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.
2. Holes for through fixings and components: Accurately cut.
 - 2.1. Clearances: Not more than 8 mm unless protected by intumescent paste or similar.
 - 2.2. Lock/ latch cases for fire doors requiring > 60 minutes integrity performance: Coated with intumescent paint or paste before installation.

850 Location of hinges

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

860 Installation of emergency exit devices

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

Ω End of Section



Specification created using NBS Chorus