

Currie & Brown UK Ltd

# Normandy Pool - Decking Replacement Specification

Council of the Isles of Scilly

17-09-2025

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## **C20**

### **Demolition**

#### **General requirements**

##### **120 Extent of deconstruction/ demolition**

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1. General: Deconstruct/ demolish structures down to: The existing decking area - Demolish timber balustrading, decking, sub-structure, ramp and existing footings (if present).

##### **130 Groundworks**

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1. Old foundations, slabs and the like: Break out in locations and to the extent stated.

#### **Materials arising**

##### **510 Contractor's property**

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1. Components and materials arising from the deconstruction and demolition work: Property of the contractor, except for designated items which remain the property of the employer
2. Action: Remove from site as work proceeds, where not to be reused or recycled for site use

## D20

### Excavating and filling

#### Clearance/excavating

#### 220 Stripping topsoil

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1. General: Strip topsoil to decking areas following deck removal.
2. Depth
  - 2.1. Remove to an average depth of 100 mm.

#### Disposal of materials

#### 415 Excavated topsoil removal

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1. General: Remove from site.

#### Filling

#### 535 Compaction generally

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1. General: Compact excavated area.
2. After compaction: Surface well closed, showing no movement under compaction plant, and without cracks, holes, ridges, loose material and the like.

#### 550 Plastics sheets

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1. Manufacturer: [Geosynthetics Limited](#)
  - 1.1. Contact details
    - 1.1.1. Address: Unit 3, Avery Way,  
Hinckley Park,  
Hinckley  
Leicestershire  
United Kingdom  
LE10 3FF
    - 1.1.2. Telephone: [+44 \(0\)1455 617139](tel:+441455617139)
    - 1.1.3. Web: [www.geosyn.co.uk](http://www.geosyn.co.uk)
    - 1.1.4. Email: [sales@geosyn.co.uk](mailto:sales@geosyn.co.uk)
  - 1.2. Product reference: 2 in 1 Weed Suppression Fabric
2. Type: Nonwoven
3. Jointing: 300 mm overlap
4. Preparation of subgrade: Before laying sheet, remove humps and sharp projections. Fill hollows
5. Protect from
  - 5.1. Exposure to light.
  - 5.2. Contaminants.
  - 5.3. Materials listed as potentially deleterious by geotextile manufacturer.
  - 5.4. Wind uplift.

#### 610 Compacted filling for landscape areas

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1. Fill: Material capable of compaction by light earthmoving plant.
2. Filling: Layers not more than 200 mm thick. Lightly compact each layer to produce a stable soil structure.

## L20 Door

### Summary

### Revision history

Date	No.	Title	Status	Revision	Note
17/09/2025		Normandy Swimming Pool - Decking Replacement - DOOR ONLY			

## General

### Read in conjunction with Preliminaries and general conditions

#### 112 Timber procurement

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1. **Timber (including timber for wood-based products):** Obtain from well-managed forests and/ or plantations in accordance with the laws governing forest management in the producer country or countries.
2. **Documentation:** Provide either documentary evidence (which has been or can be independently verified) regarding the provenance of all timber supplied, or evidence that suppliers have adopted and are implementing a formal environmental purchasing policy for timber and wood-based products, in accordance with chain of custody certification scheme requirements.
3. **Chain of custody certification scheme:** Submit proposals.

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

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1. **UKCA/ UKNI/ CE marked fire-resisting and smoke control pedestrian doorsets:** To [BS EN 16034](#) and in conjunction with [BS EN 13241](#) and BS EN 14351-1 .
2. **Door products:** As defined in [BS EN 12519](#).
3. 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.
4. **Verification**
  - 4.1. **Submittals:** Provide certified evidence, in the form of a product conformity certificate, directly relevant fire test report or engineering assessment, that each door/door assembly supplied will comply with the specified requirements for fire-resisting if tested to 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.

#### 150 Site dimensions

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1. **Procedure:** Before starting work on designated items take site dimensions, record on shop drawings and use to ensure accurate fabrication.

#### 170 Control samples

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1. **Procedure:**
  - 1.1. Finalize component details.
  - 1.2. Obtain approval of appearance and quality before proceeding with manufacture of the remaining quantity.

## Products

#### 230 Wood flush door leaves

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1. **Description:** FD30 external grade plywood flush escape door to replace existing Kitchen door. Door to have square FD30 rated vision panel to match existing.
2. **Manufacturer:** Submit proposals
  - 2.1. **Product reference:** Submit proposals prior to order for client approval.
3. **Performance**
  - 3.1. **Fire performance**
    - 3.1.1. **Fire resistance:** E 30 in accordance with BS EN 13501-2

- 3.2. Mechanical strength: 'Heavy' as classified in BS 6375-2:2009
- 3.3. Thermal performance (U-value maximum): 1.6 W/(m<sup>2</sup>·K).
- 4. Lippings: As supplied by manufacturer to ensure integrity of fire door.
- 5. Preservative treatment: Door manufacturer's standard treatment required.
- 6. Finish as delivered: Prepared and primed, as section M60. Ready for decoration.
- 7. Glazing/ infill details: Clear fire-resisting glazing. See L40.
  - 7.1. Manifestation: Not required.
- 8. Verification
  - 8.1. Submittals: Manufacturer's literature and/ or certification.
  - 8.2. Timing: Before placement of orders in order for client to approve.

### 310 Wood door frames

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- 1. Description: FD30 external grade wood frame for replacement Kitchen escape door.
- 2. Manufacturer: Submit proposals
  - 2.1. Product reference: Submit proposals prior to order for client approval.
- 3. Performance
  - 3.1. Fire performance
    - 3.1.1. Fire resistance: E 30 in accordance with BS EN 13501-2. To be compatible with door leaf as part of a compliant fire door assembly.
- 4. Species: Submit proposals.
- 5. Preservative treatment: Door manufacturer's standard treatment required.
- 6. Finish as delivered: Prepared and primed, as section M60. Ready for decoration.
- 7. Perimeter seals: Fire and smoke seal.
- 8. Fixing: In accordance with manufacturer's requirements.
- 9. Verification
  - 9.1. Submittals: Manufacturer's literature and/ or certification.
  - 9.2. Timing: Before placement of orders in order for client to approve.

## Execution

### 710 Protection of components

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- 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 and sealing

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

### 740 Corrosion protection

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- 1. Surfaces to be protected: All surfaces at risk of corrosion from other components (bi-metallic corrosion etc.).
- 2. Protective coating: Contractor to select appropriate to component requirements.
  - 2.1. Timing of application: Before fixing components.

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## 780 Damp-proof courses in prepared openings

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

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## 790 Fixing of wood frames

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1. **Spacing of fixings (frames not predrilled):** Contractor to show on drawings and adhere to manufacturer's requirements. In absence of information, fixings to be a maximum 150 mm from ends of each jamb and at 600 mm maximum centres.

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## 800 Fixing of loose thresholds

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1. **Spacing of fixings:** As per manufacturer's requirements. In absence of, maximum 150 mm from each end and at 600 mm maximum centres.
2. **Position and level:** Ensure threshold is level and square to door frame and leaf.
3. **Sealing:** Ensure that voids are minimal and are sealed adequately.

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

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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.

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## 820 Sealant joints

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1. **Sealant**
  - 1.1. **Manufacturer:** Submit proposals
  - 1.2. **Colour:** To be agreed with client
  - 1.3. **Application:** As section Z22 'Sealants' to prepared joints. Triangular fillets finished to a flat or slightly convex profile.
2. **Verification**
  - 2.1. **Submittals:** As L20 Section 115 4.1

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## 830 Fixing ironmongery generally

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1. **Fasteners:** Supplied by ironmongery manufacturer.
  - 1.1. **Finish/ corrosion resistance:** To match ironmongery. To be suitable for a coastal environment. Corrosion category to be C5 in accordance with ISO 12944-2.
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.

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## 840 Fixing ironmongery to fire-resisting door assemblies

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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.

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## 850 Location of hinges

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1. **Hinges for fire-resisting doors:** Positioned in accordance with door leaf manufacturer's recommendations. Where not available, hinges to be positioned with centre lines 25mm from top and bottom of door leaf. Third hinge should be fitted approximately 200 mm below the top hinge where door closer used.



## **860 Installation of emergency and panic exit devices**

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1. **Standard:** Emergency exit doors operated by a lever handle, for use on escape routes, to be in accordance with [BS EN 179](#).  
See P21 Section 30.

Ω End of Section

## L37

# External stairs/ ramps/ handrails/ balustrades

## General

### 120 External ramps

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1. Description: Ramped access to decking.
2. Type: Built in situ.
3. Base/ fabric: Composite joists.
4. Surface: Composite decking.
  - 4.1. Finish: Ramp surface to have contrasting colour to main decking and be slip-resistant.
5. Minimum surface width: 1500mm
6. Gradients
  - 6.1. Going: 1:15.
  - 6.2. Cross fall: 1:50.
7. Edge protection: Aluminium balustrading and handrail.

### 160 External balustrades

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1. Description: To both sides of the ramp.
2. System manufacturer: NeoTimber
  - 2.1. Contact details:
    - 2.1.1. Address: Innovation House  
Telford Way  
Stephenson Industrial Estate  
Coalville  
Leicestershire  
LE67 3HE
    - 2.1.2. Telephone: 01530 639 072
    - 2.1.3. Web: [www.neotimber.com](http://www.neotimber.com)
    - 2.1.4. Email: [enquiries@neotimber.com](mailto:enquiries@neotimber.com)
  - 2.2. Product reference:  
Aluminium Balustrade Spindle Railing Straight  
Aluminium Balustrade Spindle Stair Railing  
Aluminium Balustrade Post
3. Guarding
  - 3.1. Material: Aluminium powder coated.
  - 3.2. Finish: Factory finished.
4. Rail
  - 4.1. Material: Aluminium powder coated.
  - 4.2. Finish: Factory finished.
5. Height (to upper surface of rail)
  - 5.1. Above landing: Decking FFL to post 1150mm.  
Decking FFL to handrail 1105mm.

## Execution

### 610 Loading

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1. **Site activities:** Restrict, to ensure that design loads are not exceeded, or submit proposals for temporary supports.

### 620 Concrete foundations generally

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1. **Standard:** To BS 8500-2.
2. **Concrete:** Designated not less than GEN 1 or standard prescribed not less than ST2.
3. **Admixtures:** Do not use.
4. **Foundation holes:** Neat vertical sides.
5. **Depth of foundations, bedding, haunching:** Appropriate to provide adequate support and to receive overlying soft landscape or paving finishes.

### 630 Setting components in concrete

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1. **Components:** Accurately positioned and securely supported.
2. **Concrete fill:** Compact as filling proceeds.
3. **Concrete foundations exposed to view:** Finished to weathering profile to shed water and trowel smooth.
4. **Temporary component support:** Maintain undisturbed for minimum 48 hours.

### 650 Installation generally

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1. **Fasteners:** To section Z20.
2. **Structural members:** Do not modify, cut, notch or make holes in structural members, except as indicated on drawings.
3. **Temporary support:** Do not use finished work as temporary support or strutting for other work.
4. **Applied finishes:** Substrates to be even, dry, sound and free from contaminants. Make good substrate surfaces and prepare/ prime as finish manufacturer's recommendation before application.

## P21

### Door ironmongery

#### Summary

#### Revision history

Date	No.	Title	Status	Revision	Note
17/09/2025		Normandy Swimming Pool - Decking Replacement - DOOR ONLY			

## Clauses

### Read in conjunction with Preliminaries and general conditions

#### 5 Ironmongery from single proprietary range

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1. Manufacturer: Submit proposals
  - 1.1. Product reference: Submit proposals prior to order for client approval.
2. Principal material/ finish: To be suitable for a coastal environment. Corrosion category to be C5 in accordance with ISO 12944-2.
3. Items unavailable within selected range: Submit proposals.

#### 7 Single-axis door hinges

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1. Standard: To [BS EN 1935](#).
2. Manufacturer: Submit proposals
  - 2.1. Product reference: Submit proposals prior to order for client approval.
3. Material/ finish: To be suitable for a coastal environment. Corrosion category to be C5 in accordance with ISO 12944-2.
4. Hinge grade: Minimum 12 in accordance with [BS EN 1935](#)
5. Other requirements: To be FD30 external grade. The compatible components must be listed on the door leaf manufacturer's test evidence, assessment reports or certification document in order to achieve the required fire performance.  
Intumescent hinge pads required unless above deems not required to comply with fire performance.
6. Verification: Provide certified evidence, in the form of a product conformity certificate, directly relevant fire test report or engineering assessment, that each door/door assembly supplied will comply with the specified requirements for fire-resisting if tested to 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.

#### 12 Controlled door closers

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1. Standard: To [BS EN 1154](#).
2. Manufacturer: Submit proposals
  - 2.1. Product reference: Submit proposals.
3. Power size: Minimum 4
4. Other functions: Mechanical hold-open device not permitted in order to maintain fire door integrity.
5. Casing finish: Colour as door furniture
6. Operational adjustment
  - 6.1. Variable power: Matched to size, weight and location of doors. Fully closing latched doors.
  - 6.2. Closing against smoke seals of fire doors: Positive. No gaps.
7. Verification: As P21 Section 7 Verification.

#### 24 Door locks

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1. Standard: To [BS EN 12209](#).
2. Manufacturer: Submit proposals
  - 2.1. Product reference: Submit proposals.
3. Type: 5 pin anti-pick Euro Cylinder and Turn
4. Material/ finish: To match other ironmongery.

5. **Keying:** Keyed different (single keyed). x3 keys to be provided.
6. **Verification:** As P21 Section 7 Verification.

## 28 Door latches

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1. **Standard:** To [BS EN 12209](#) and Grade 3 in accordance with BS EN 1906: 2012.
2. **Manufacturer:** Submit proposals
  - 2.1. **Product reference:** Submit proposals prior to order for client approval.
3. **Type:** Upright mortice lock.
4. **Material/ finish:** Submit proposals. To be suitable for a coastal environment.
5. **Verification:** As P21 Section 7 Verification.

## 30 Emergency exit devices

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1. **Description:** See Section P21 34
2. **Standard:** To [BS EN 179](#).
3. **Manufacturer:** Submit proposals
  - 3.1. **Product reference:** Submit proposals prior to order for client approval.
4. **Verification:** As P21 Section 7 Verification.

## 34 Door bolts

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1. **Standard:** To BS EN 179 and BS EN 12051.
2. **Manufacturer:** Submit proposals
  - 2.1. **Product reference:** Submit proposals.
3. **Type:** DIN standard mortice euro split follower escape sashlock with square forend in accordance with BS EN 179:2008 and BS EN 12209 Grade 3 Certified.
4. **Material/ finish:** Submit proposals. To be suitable for a coastal environment.
5. **Verification:** As P21 Section 7 Verification.

## 38 Lever handles

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1. **Standard:** To [BS EN 1906](#).
2. **Manufacturer:** Submit proposals
  - 2.1. **Product reference:** Submit proposals prior to order for client approval.
3. **Style:** Lever handle with backplate to both sides of door leaf.
4. **Material/ finish:** Submit proposals prior to order for client approval. Metal handles must be marine grade for C5 corrosion category environment.
5. **Verification:** As P21 Section 7 Verification.

## 46 Kick plates

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1. **Manufacturer:** Submit proposals
  - 1.1. **Product reference:** Submit proposals prior to order for client approval.
2. **Material/ finish:** Metal kickplates must be marine grade for C5 corrosion category environment.
3. **Verification:** As P21 Section 7 Verification.

## 60 Threshold weatherstrip

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1. **Description:** To be compliant with FD30 fire door assembly selected.
2. **Manufacturer:** Submit proposals
  - 2.1. **Product reference:** Submit proposals prior to order for client approval.

## **62 Weatherstrip to door head and jambs**

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1. **Description:** To be compliant with FD30 fire door assembly selected.
2. **Manufacturer:** Submit proposals.
  - 2.1. **Product reference:** Submit proposals prior to order for client approval.

Ω End of Section

## Q55

# External decks, boardwalks and bridges

## General

### 110 Composite deck

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1. **Description:** Composite decking and ramp with aluminium posts and balustrading.
2. **Base preparation:** Remove topsoil, level and compact. Install weed suppression geotextile membrane.
3. **Structure, other than surfacing:** Composite post and joists.
  - 3.1. **Fasteners:** As recommended by decking manufacturer.
4. **Post setting:** Posts set in concrete
5. **Surfacing:** Composite decking.
  - 5.1. **Method of attachment:** As recommended by decking manufacturer.
6. **Guarding:** Aluminium balustrading and posts.

## Products

### 370 Composite structural sections

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1. **Description:** Composite posts and joists for decking structure.
2. **Manufacturer:** NeoTimber
  - 2.1. **Contact details:**
    - 2.1.1. **Address:** Innovation House  
Telford Way  
Stephenson Industrial Estate  
Coalville  
Leicestershire  
LE67 3HE
    - 2.1.2. **Telephone:** 01530 639 072
    - 2.1.3. **Web:** [www.neotimber.com](http://www.neotimber.com)
    - 2.1.4. **Email:** [enquiries@neotimber.com](mailto:enquiries@neotimber.com)
  - 2.2. **Product reference:** Composite Joist  
Plastic Post and Joist
3. **Colour:** Black/grey
4. **Ventilation:** Allow a minimum of 35mm air gap beneath decking subframe to allow airflow beneath the structure.

### 380 Deck boards

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1. **Description:** To decking.
2. **Manufacturer:** NeoTimber
  - 2.1. **Contact details:**
    - 2.1.1. **Address:** Innovation House  
Telford Way  
Stephenson Industrial Estate  
Coalville  
Leicestershire  
LE67 3HE
    - 2.1.2. **Telephone:** 01530 639 072
    - 2.1.3. **Web:** [www.neotimber.com](http://www.neotimber.com)



- 2.1.4. Email: enquiries@neotimber.com
- 2.2. Product reference: Deluxe
- 3. Material: Composite
- 4. Profile: Grooved.
- 5. Finished size: W: 70mm D: 10mm
  - 5.1. Length: Maximum board lengths at 3600mm. Alternating butt-joints to achieve uniform overall appearance.
- 6. Finish: Factory finished.

## 390 Guarding

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- 1. Description: Aluminium balustrading to decking perimeter.
- 2. Manufacturer: NeoTimber
  - 2.1. Contact details:
    - 2.1.1. Address: Innovation House  
Telford Way  
Stephenson Industrial Estate  
Coalville  
Leicestershire  
LE67 3HE
    - 2.1.2. Telephone: 01530 639 072
    - 2.1.3. Web: www.neotimber.com
    - 2.1.4. Email: enquiries@neotimber.com
  - 2.2. Product reference: Aluminium Balustrade Spindle Railing Straight  
Aluminium Balustrade Post
- 3. Height: Decking FFL to post 1150mm.  
Decking FFL to handrail 1105mm.
- 4. Material: Aluminium
- 5. Finish: Powder coated, factory finished.
  - 5.1. Colour: TBC
- 6. Handrail: Integral with guarding

## Execution

### 610 Loading

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- 1. Site activities: Restrict, to ensure that design loads are not exceeded, or submit proposals for temporary supports.

### 620 Concrete foundations generally

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- 1. Standard: To BS 8500-2.
- 2. Mix: Designated concrete not less than GEN 1 or standard prescribed concrete not less than ST2.
- 3. Admixtures: Do not use.
- 4. Foundation holes: Neat vertical sides.
- 5. Depth of foundations, bedding, haunching: Appropriate to provide adequate support and to receive overlying soft landscape or paving finishes.

### 630 Setting components in concrete

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- 1. Components: Accurately positioned and securely supported.
- 2. Concrete fill: Compact as filling proceeds.

3. **Concrete foundations exposed to view:** Finished to weathering profile to shed water and trowel smooth.
4. **Temporary component support:** Maintain undisturbed for minimum 48 hours.

## **665 Installation generally**

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1. **Fasteners and methods of fixing:** As section Z20.
2. **Temporary support:** Do not use stairs, walkways or balustrades as temporary support or strutting for other work.

## **670 Installation of surfacing**

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1. **Heading joints:** Kept to a minimum and formed only as butt joints situated over double joists.
2. **Length:** Each board must span not less than two bays between joists with joints in adjacent boards staggered.
3. **Gaps between boards:** End-to-end butt-joint gap subject to external temperature at time of install, in accordance with manufacturers instructions.

## Z20

### Fixings and adhesives

To be read with preliminaries/ general conditions.

#### 200 General requirements for fixings

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1. Materials need to have:
  - 1.1. Bimetallic corrosion resistance appropriate to items being fixed.
  - 1.2. Atmospheric corrosion resistance appropriate to fixing location.
  - 1.3. Fire resistance appropriate to fixing location and application.
  - 1.4. Material safety and data sheets (MSDS).

#### Products

#### 305 General fixings

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1. **Fixings:** Generally fixings as recommended by decking manufacturer, consisting of hidden fastener system.

#### 380 Screws

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1. **Manufacturer:** Contractors choice.
2. **Screw details**
  - 2.1. **Type:** Countersunk head
  - 2.2. **Material:** Stainless steel
    - 2.2.1. **Grade:** A4 316 - suitable for coastal environment.

#### Execution

#### 605 Installing fixings generally

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1. **Preparation:** Pre-drill materials with oversized pilot hole approximately 3mm to prevent splits of cracks.
2. **Installation:** Uniform spacing where exposed, countersunk. Exposed screws on external finishing trims to match colour of trim, supplied by the manufacturer.



Specification created using NBS Chorus