

L10

Windows/ rooflights/ screens/ louvres

General

110 Evidence of performance

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

115 Timber procurement

1. **Timber (including timber for wood-based products):** Obtained 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.
 - 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:** Forest Stewardship Council (FSC), Grown in Britain (GiB) or Programme for the Endorsement of Forest Certification (PEFC)

120 Pre-construction survey

1. **Procedure:** Before starting work on designated items take site dimensions, record on shop drawings and use to ensure accurate fabrication.
2. **Primary support structure:** Carry out survey sufficient to verify that required accuracy and security of erection can be achieved.
3. **Timing:** Before fabrication.

140 Control samples

1. **Procedure**
 - 1.1. Finalize component details.
 - 1.2. Fabricate one of each of the following designated items as part of the quantity required for the project.
 - 1.3. Obtain approval of appearance and quality before proceeding with manufacturer of the remaining quantity.

150 Daylight performance

1. **Daylight calculations:** In accordance with BS EN 17037

Products

210 Wood windows

1. **ADS Code: EWS-101**
 - 1.1. **ADS Code Sub Types: EWS-101.A, EWS-101.B, EWS-101.C, EWS-101.D, EWS-101.E, EWS-101.F and EWS-101.G**
2. **Description:** Timber casement window

3. Dimensions:: Refer to Design Drawings
4. Standard: Non-fire-rated window to BS EN 14351-1 and BS 644
5. Manufacturer: Lomax + Wood Limited
 - 5.1. Product reference: Bespoke wooden casement window; Submit proposals
6. Species: Manufacturer's standard
7. Finish as delivered: EXTERIOR: Mineral Coat to Match existing GF; UV resistant
INTERIOR: Natural wax coat
8. Thermal performance (U-value maximum): 1.2 W/m²K; to meet Part L requirements.
9. Glazing details: Double glazed 4/14/6 tough/laminated low argon fill
 - 9.1. Beading: Internal
10. Ironmongery/ accessories: Black antique
11. Fixing: Built-in with cramps
12. Reveals:: To incorporate feature four sides internal reveal as per architectural design intent drawings.
13. Other: Windows to be pre-fitted with EPDM collars clamped to fixed frame

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: Stack vertical or near vertical 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: Prime or seal as specified before fixing components.

740 Corrosion protection

1. Surfaces to be protected: Refer to Design Drawings.
2. Protective coating: Two coats of bitumen solution to BS 6949 or an approved mastic-impregnated tape.
 - 2.1. Timing of application: Before fixing components.

750 Building in

1. General: Not permitted unless indicated on drawings.
 - 1.1. Brace and protect components to prevent distortion and damage during construction of adjacent structure.

760 Replacement window installation

1. Standard: In accordance with BS 8213-4.

765 Window installation generally

1. Installation: Into prepared openings.
2. Gap between frame edge and surrounding construction
 - 2.1. Maximum: 10mm
3. Distortion: Install windows without twist or diagonal racking.

766 Location of openable windows in naturally ventilated buildings

1. Location: Over 10 m from sources of external pollution.

770 Damp-proof courses in prepared openings

1. Location: Ensure correct positioning in relation to window frames. Do not displace during fixing operations.

780 Fixing of wood frames

1. Standard: As section Z20.
2. Fasteners: Submit proposals.
 - 2.1. Spacing: When not pre-drilled or specified otherwise, position fasteners not more than 150 mm from ends of each jamb, adjacent to each hanging point of opening lights, and at maximum 450 mm centres.

820 Ironmongery

1. Description:: Refer to P20 section
2. Fixing: In accordance with any third-party certification conditions applicable. Assemble and fix carefully and accurately using fasteners with matching finish supplied by ironmongery manufacturer. Do not damage ironmongery and adjacent surfaces.
3. Checking/ adjusting/ lubricating: Carry out at Completion and ensure correct functioning.

Ω End of Section