

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.

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. **Designated items:** All external window and internal door and screen openings.
3. **Primary support structure:** Carry out survey sufficient to verify that required accuracy and security of erection can be achieved.
4. **Timing:** Before fabrication.

Products

330 Aluminium windows

1. **Manufacturer:** Schueco UK Ltd
 - 1.1. **Product reference:** PPC aluminium window system - AWS60 with opening lights as indicated on drawings.
2. **Finish as delivered:** Polyester powder coating
3. **Thermal performance (U-value maximum):** no worse than 1.6 W/m²K (of overall unit)
4. **Glazing details:** As L40
5. **Ironmongery/ accessories:** Operating handles, restrictors, trickle ventilators.
 PPC aluminium Head Flashings.
 PPC aluminium Cill Flashings.
 New SW window boards internally.
 Fixed panel with integral mechanical vent. Refer to drawings.
6. **Access Door:** Schueco ADS75.SI door to be incorporated within existing window.
 Door to feature:
 - ☐ Scheuco lever handles
 - ☐ Scheuco mortice lock and hinges.
 - ☐ Sealmaster Weathershield Threshold strip.

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.

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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.

765 Window installation generally

1. **Installation:** Into prepared openings.
2. **Gap between frame edge and surrounding construction**
 - 2.1. Minimum: 5 mm
 - 2.2. Maximum: 10 mm
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.

782 Fixing of aluminium frames

1. **Standard:** As section Z20.
2. **Fasteners:**
 - 2.1. **Spacing:** When not pre-drilled or specified otherwise, position fasteners not more than 250 mm from ends of each jamb, adjacent to each hanging point of opening lights, and at maximum 600 mm centres.

810 Sealant joints

1. **Sealant**
 - 1.1. **Manufacturer:** Everbuild
 - 1.1.1. **Product reference:** 825 LM
 - 1.2. **Colour:** To approval.
 - 1.3. **Application:** As section Z22 to prepared joints. Finish triangular fillets to a flat or slightly convex profile.

820 Ironmongery

1. **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.
2. **Checking/ adjusting/ lubricating:** Carry out at Completion and ensure correct functioning.

Ω End of Section