

CONDITION 17

GLASS

115A PATENT GLAZING TO SKY PAVILION

- Supporting structure: RSJ roof purlins to structural engineer's design - drgs: .
- Patent glazing system: To BS 5516-1.
 - Manufacturer: The Standard Patent Glazing Company
Flagship House, Forge Lane, Dewsbury, WF12 9EL .
Product reference: proprietary Roof Patent Glazing System.
 - Type: Heritage Type 7 mild steel Glazing bars with seamless extruded lead covers.
 - Material: Lead sheathed steel bars with lead wings.
- Pane/ infilling materials:
 - Glazing - Outer Pane: 6mm Float glass (toughened)
Cavity - 14mm
Inner pane: 9.52mm (44.4) Lamiglass Sound Reduction
Glass Weight: 35.16kg/m²
Unit Thickness: 29.52mm
Acoustic Value of Roof/Glass walls to be 40 dB R with 27 dB R at 63 Hz
The acoustic performance and specification requirements are set out in the
Acoustic Strategy Report by Scotch Partners.
 - Bottom overhang/ lap: See drawing AHA/KKC/DET/610, 611 & 612 .
- Incorporated components:
 - Openings: Opening lights as drawing.
 - Accessories: Blinds - allow for power and control system.

L10/120 MATERIALS SPECIFICATION

- Minimum BRE 'Green Guide to Specification' online rating: A.

L10/310B STEEL WINDOWS AND DOORS FOR SKY PAVILION - see Section H10

Manufacturer: West Leigh Ltd in accordance

- with recognised good practice..
 - Product reference: Ottostumm W50TB thermally broken steel windows (fixed light, top hung
vent and side hung casement). All aluminium and steel profiles.
- Windows and Doors to Crowndale Road elevation to meet Pavilion Acoustic Performance requirements of 40 dB Rw and 27 dB R at 63Hz .
- Finish as delivered: Wet Spray External System for Steel C3 Environment. Degrease. Grit Blast to
BS 7079 SA 3. Wet Spray 2-Pack Zinc Rich Prime. Wet Spray 2-Pack High Build Long Life Undercoat.
- Wet Spray 2-Pack Architectural Grade Top Coat to a standard RAL Black colour/gloss level. .
- Thermal performance (U-value maximum): 1.6 W/m²K.
- Glazing details: See quotation from West Leigh dated 05/12/2017.

- Glazing Units: To suit sound insulation values as set out in the acoustic consultant's report (Scotch Partners). This is variable around the building as set out in the report see item above]
- Reeded glass in a triple glazed unit to be as shown on elevations and window schedule.
- Beading: Frames glazed with aluminium chamfered glazing beads. Glass to be silicone top capped internally and externally. All framework to the external screen to be sealed externally with perimeter mastic (internal finishing by others). .
- Ironmongery/ Accessories: TBA.
- Fixing: Mechanical Fixing to steel framing.