



Data Sheet SpanGard Roof Lanterns & Skylights 30.05.2025

Type : Thermally broken system with integral cill, eaves, hip & ridge members with extruded aluminium flashings, pressure plates, gasketry and decorative external covers

Specification : Extruded aluminium alloy 6063-T6 to BS EN 573-3:1995, BS EN 755-2:1997 and BS EN 755-9:2001. Fasteners provided are stainless steel to BS EN ISO 3506 Grade A2 and co-extruded thermal barrier and pressure plate with integral gaskets.

Performance : Designed to conform with the requirements of BS5516 2004 Parts 1 & 2 for the design & installation of sloping and vertical patent glazing when installed within the manufacturers recommendations.

Pitch: 15° to 55° subject to span and configuration

Thermal Efficiency: Typical averaged Uvalues including glass and frame basis nominal 600mm glazing bar centres are approximately:

DG Centre Pane Uvalue 1.2W/m2.K = 1.80W/m2.K
DG Centre Pane Uvalue 1.0W/m2.K = 1.60W/m2.K

Air Permeability: Typically
Positive 7.9m3/SqM per hr @ 50pa
Negative 7.7m3/SqM per hr @ 50pa

Fixing : Fixing to timber curbs with BZP M10 x 2" Coach. Fixing to steel can be M8 nut & bolt or suitable self-drilling screws.

Appearance : Materials are supplied Mill Finish as standard or may be polyester powder coated to standard RAL or BS colours to BS6496. Connections are mechanical and some welded joints are featured.

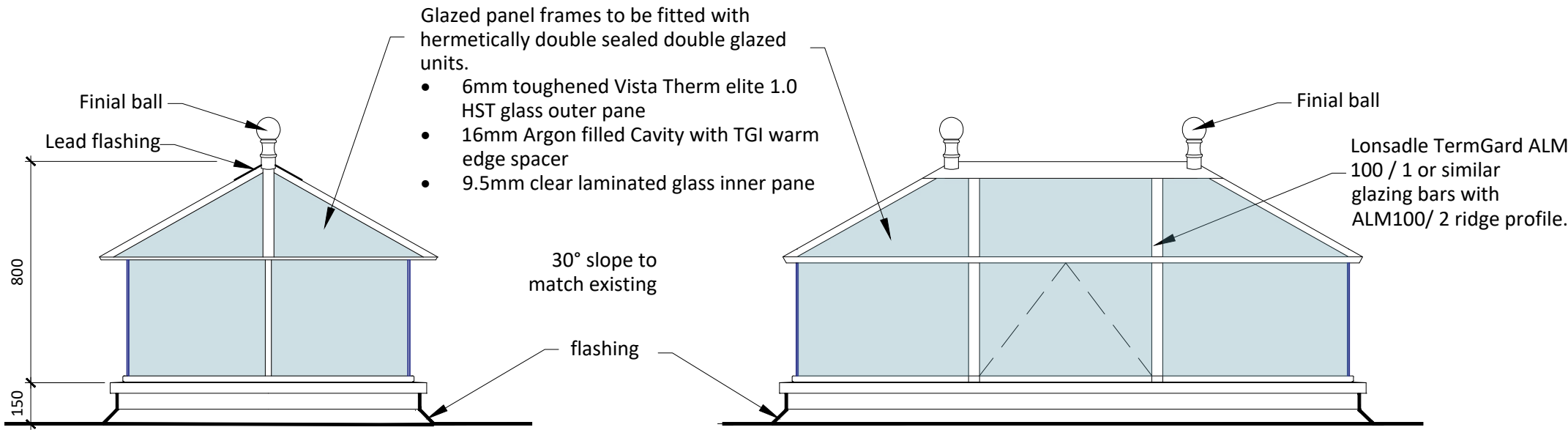
Infill : Suitable to receive 6mm to 32m glazing and polycarbonates. Other infills may be incorporated such as Photo Voltaics, Composite Panels, and Solar Thermal Panels.

Fire Performance:

External Fire Exposure	EN13501-5:2016	BROOF(t4)
Internal Fire Exposure	EN13501-1:2018	Class B, s1-d0

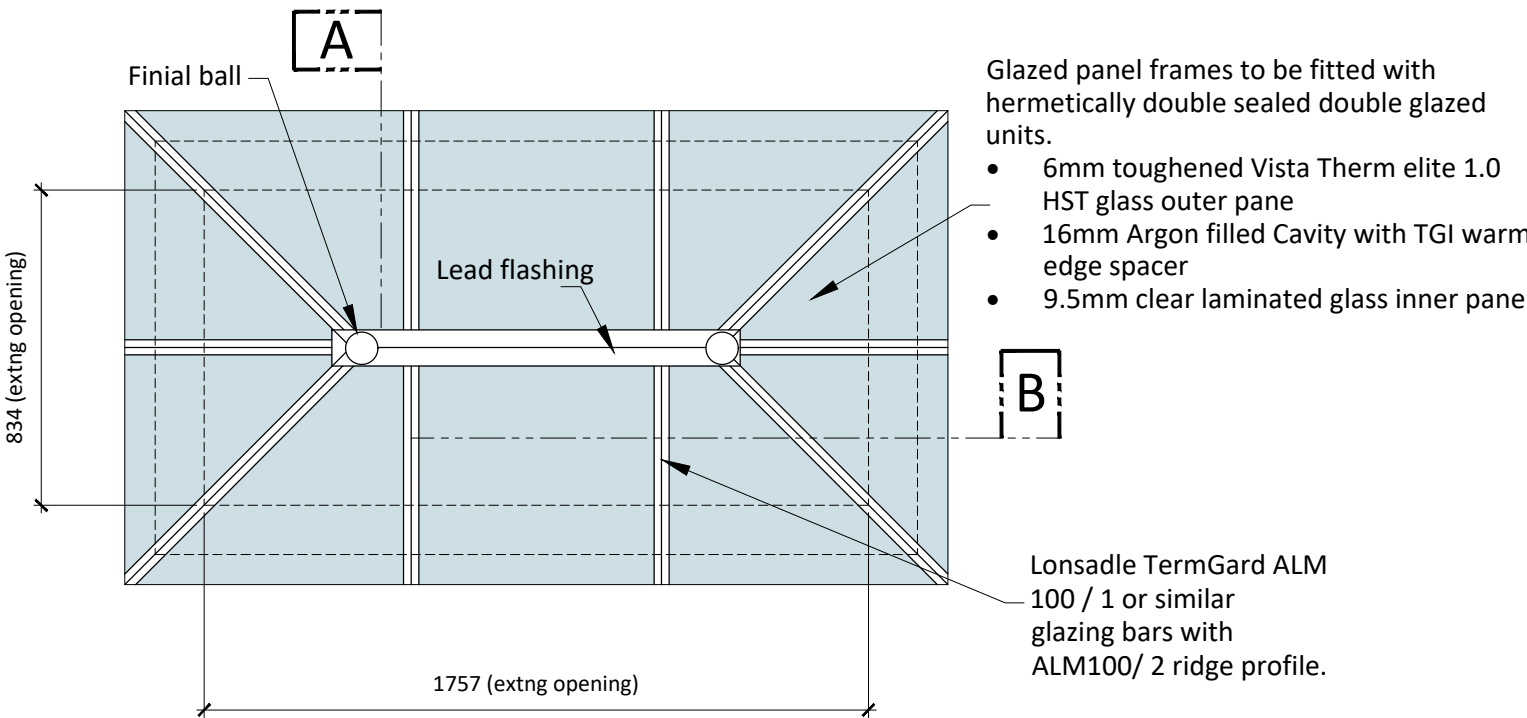
Non-Fragility & CDM Regulations : Lonsdale Roof Lanterns and Skylights have been subjected to ACR(M)001: 2005 Tests independently carried out at BRE Ltd and classified Non-Fragile Class B. Copies of the full test reports are available from Technical Support giving full details of samples and parameters. Note that classification alters for different combinations of infill, glazing bar lengths and cross centres.

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Typical Front Elevation

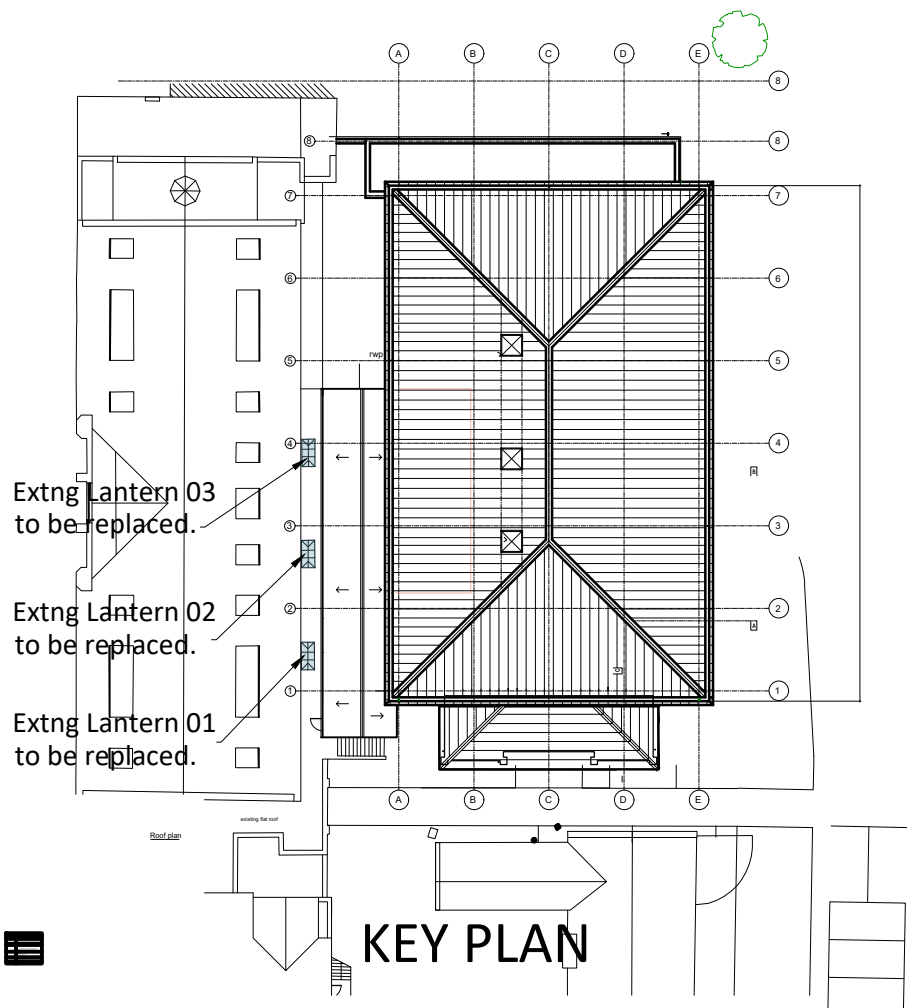
Typical Side Elevation



Typical Proposed Roof Lantern
(over existing opening)



Example of proposed rooflight frame



REV	COMMENTS	DATE
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CLIENT	Reddam House (Berkshire)Ltd
PROJECT	New Sports Hall at Reddam House Bearwood Rd, Sindlesham, Wokingham RG41 5BG
DRAWING	Proposed Roof Lanterns

STATUS	Planning	DATE	Sept 2025
SCALE	1:20 @ A2	DRAWN	Pari
CHECKED		NO	3807/229
REV	-		

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