Specification for "OKA*SOLAR* S" Glazing with Integrated louvers for roof lights

Project -
Architect –
Location -

UK Agent

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Specification (to be read in conjunction with INFOTEXT)

Product – "OKA*SOLAR* S" roof glazing with integrated mirror louver profiles

Build up:
Outer Pane: ____mm Toughened H* / Heat Strengthened*/ laminate* plus low E or solar coating to #2
Cavity : 24mm with Okasolar Type S Louvers
Louver Orientation I, II,III or IV *(To be determined by project Solar assessment)*
Cavity Fill Air* / Argon* / Krypton* Gas as required
Inner Pan ___mm Heat strengthened* / toughened* laminated glas

Types :
I & III = Parallel to bottom glass edge
II & IV = 90° to bottom edge of glass

Restrictions:
Louvers: Max. Length 1500mm, max. un-supported length 500mm
Edge Cover: Min. 12mm PLUS sealant depth *(typically 7mm to 10mm depending on loads)*
Edge Profiles: 15mm Mid supports: 7.2mm Mid Joint profile: 29.3mm

Ug Value:
Air Fill + 1.9 W/m2K*
Argon Fill = 1.3 W/m2K*
Krypton Fill = 1.1 W/m2K*
*(*delete as applicable to chosen cavity fill)*

	Low e	***69/37 Solar coat***	
Light (Tv): **Transmission**	Min 1% - Max 46%	Min 1% - Max 40%	*dependant on angle of Sun*
TSET(G Value):	***Low e***	***69/37 Solar coat***	
	Min 12% - Max 42%	Min 9% - Max 31%	*dependant on angle of Sun*

Fixing: In accordance with System manufacturers recommendations & Glaziers specific requirements

Sealant:
Polysulphide Sealant to perimeter (Capped systems)
Silicone sealant (Un-capped systems)

Calculations - Glass thicknesses & type to be confirmed by system installer or facade engineer to meet loading & building requirements