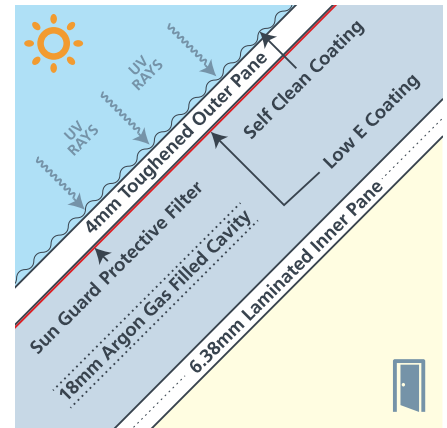


Sun Guard Glazing

Keylite's solar control, Argon gas filled double glazing with self-cleaning coating and Low E coating lets the maximum light into the home while blocking 80% of external heat, preventing its transfer through the glass into your home, providing year round comfort.



Technical Information

Glazing Results			Sun Guard [SG]
UV	Transmittance	τ_{uv}	0.01
Thermal Performance	Thermal Conductance (U-Value) [W/(m ² .K)]	U _g	1.00
Light	Transmittance for standard illuminant D65	τ_v	0.50
	Reflectance for standard illuminant D65 (*) external	ρ_v	0.11
	For standard illuminant D65 (**) internal	ρ_v	0.13
	General colour rendering index	R _a	0.92
Energy	Solar direct transmittance	τ_e	0.22
	Solar direct reflectance (*) external	ρ_e	0.40
	Solar direct reflectance (**) internal	ρ_e	0.43
	Solar direct absorption (*)	a	0.36
	Secondary internal heat transfer factor (*)	q _i	0.03
	Solar heat gain coefficient (SHGC)	g	0.24
	Shading coefficient (+g_DIN0,87)(*)	sc	0.32
Sound	Sound reduction (dB)	rw	36

Glazing Make-Up

- ▶ Self-cleaning glass on outer pane.
- ▶ 4mm toughened outer pane.
- ▶ Sun Guard protective filter.
- ▶ 18mm Argon gas filled cavity.
- ▶ 6.38mm laminated inner pane.
- ▶ Ideal safety glazing for windows below 800mm from finish floor level or windows above head height.
- ▶ Improves sound reduction, safety and a reduction in the harmful effects of UV light. Warm edge glazing unit.



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