

# 12mm Slenderline Krypton



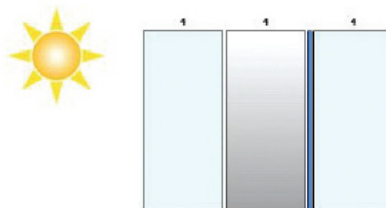
## GLASS PERFORMANCE CALCULATOR

Supplied by



Product code

80 / 72 / 1.9



total thickness = 12 mm

Glazing from external to internal:

<p><b>Pane 1</b></p> <p>4 mm     Float Glass ExtraClear</p>	<p><b>Spacer 1 - 4 mm</b></p> <p>10%     Air 90%     Krypton</p>	<p><b>Pane 2</b></p> <p>4 mm     ClimaGuard A+            Float Glass ExtraClear</p>
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## Results

### Visible light (EN 410 - 2011)

transmittance [%]	$\tau_v = 79.6$
reflectance external [%]	$\rho_v = 13.4$
reflectance internal [%]	$\rho_v = 13.4$
general colour rendering index [%]	$R_a = 98.5$

### Solar energy (EN 410 - 2011)

solar factor [%]	$g = 72.0$
shading coefficient [g/0.87]	$sc = 0.83$
direct transmittance [%]	$\tau_e = 63.9$
direct reflectance external [%]	$\rho_e = 19.6$
direct reflectance internal [%]	$\rho_e = 18.4$
direct absorption [%]	$a = 16.5$
UV transmittance [%]	$\tau_{uv} = 35.9$
secondary internal heat transfer factor [%]	$q_i = 8.1$

### Thermal properties (EN 673 - 2011)

U-value [W/(m <sup>2</sup> K)]	$U_g = 1.9$
slope $\alpha = 90^\circ$	

### Other data

estimated sound reduction index [dB]	$R_w = \text{NPD}$
(EN 717-1)	$C = \text{NPD}$
	$C_{tr} = \text{NPD}$

The calculated values are for orientation only and do not offer any guarantee regarding the fabrication of the un-intended end-product. Glass configurations do not amount to a guarantee of product availability.



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