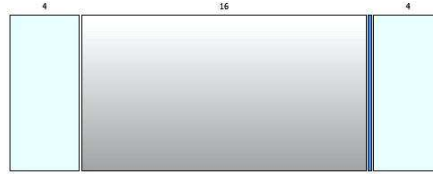


4+16+4 LOW-E

Product code

79 / 61 / 1.1



total thickness = 24 mm

Glazing from external to internal:

<p>Pane 1</p> <p>4 mm Float Glass Clear</p>		<p>Pane 2</p> <p>4 mm ClimaGuard Premium Float Glass ExtraClear</p>
<p>Spacer 1 - 16 mm</p> <p>10% Air 90% Argon</p>		

Results

Visible light (EN 410 - 2011)

transmittance [%]	$\tau_v = 79.3$
reflectance external [%]	$\rho_v = 11.9$
reflectance internal [%]	$\rho_v = 12.1$
general colour rendering index [%]	$R_a = 96.9$

Thermal properties (EN 673 - 2011)

U-value [W/(m ² K)]	$U_g = 1.1$
slope $\alpha = 90^\circ$	

Solar energy (EN 410 - 2011)

solar factor [%]	$g = 61.4$
shading coefficient [g/0.87]	$sc = 0.71$
direct transmittance [%]	$\tau_e = 53.2$
direct reflectance external [%]	$\rho_e = 26.9$
direct reflectance internal [%]	$\rho_e = 27.7$
direct absorption [%]	$a = 19.9$
UV transmittance [%]	$\tau_{UV} = 33.6$
secondary internal heat transfer factor [%]	$q_i = 8.1$

Other data

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