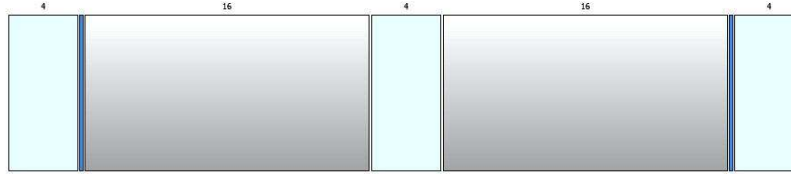


CG 1.0+L16+FL4+L16+4 LOW-E

Product code

62 / 41 / 0.5



total thickness = 44 mm

Glazing from external to internal:

Pane 1	Pane 2	Pane 3
4 mm Float Glass ExtraClear ClimaGuard 1.0	4 mm Float Glass Clear	4 mm ClimaGuard Premium Float Glass ExtraClear
Spacer 1 - 16 mm	Spacer 2 - 16 mm	
10% Air 90% Argon	10% Air 90% Argon	

Results

Visible light (EN 410 - 2011)

transmittance [%]	$\tau_v = 61.6$
reflectance external [%]	$\rho_v = 24.7$
reflectance internal [%]	$\rho_v = 21.2$
general colour rendering index [%]	$R_a = 95.6$

Thermal properties (EN 673 - 2011)

U-value [W/(m ² K)]	$U_g = 0.5$
slope $\alpha = 90^\circ$	

Solar energy (EN 410 - 2011)

solar factor [%]	$g = 41.2$
shading coefficient [g/0.87]	$sc = 0.47$
direct transmittance [%]	$\tau_e = 34.6$
direct reflectance external [%]	$\rho_e = 42.8$
direct reflectance internal [%]	$\rho_e = 36.3$
direct absorption [%]	$a = 22.6$
UV transmittance [%]	$\tau_{uv} = 14.5$
secondary internal heat transfer factor [%]	$q_i = 6.7$

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.