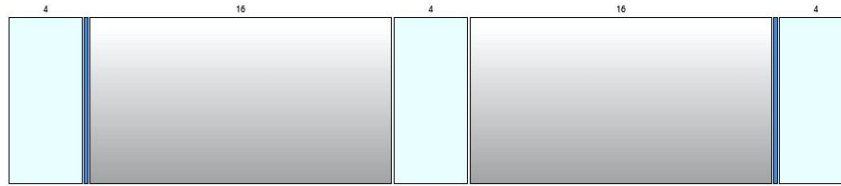


Product code

71 / 49 / 0.6



total thickness = 44 mm

Glazing from external to internal:

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

Results

Visible light (EN 410 - 2011)

transmittance [%]	$\tau_v = 70.9$
reflectance external [%]	$\rho_v = 15.3$
reflectance internal [%]	$\rho_v = 15.3$
general colour rendering index	$R_a = 95.6$

Thermal properties (EN 673 - 2011)

U-value [W/(m ² K)]	slope $\alpha = 90^\circ$
according to EN:	$U_g = 0.6$
3 decimal places:	$U_g = 0.575$

Solar energy (EN 410 - 2011)

solar factor [%]	$g = 49.3$
shading coefficient [g/0.87]	$sc = 0.57$
direct transmittance [%]	$\tau_e = 41.8$
direct reflectance external [%]	$\rho_e = 32.4$
direct reflectance internal [%]	$\rho_e = 32.4$
direct absorption [%]	$a = 25.8$
UV transmittance [%]	$\tau_{uv} = 19.5$
secondary internal heat transfer factor [%]	$q_i = 7.5$

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.