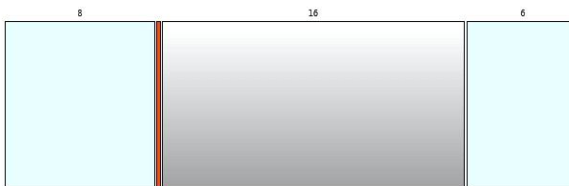


Product code

68 / 42 / 1,3



total thickness = 30 mm

Glazing from external to internal:

Pane 1		Pane 2	
8 mm	Float Glass ExtraClear Guardian Sun	6 mm	Float Glass Clear
Spacer 1 - 16 mm			
100%	Air		

Results

Visible light (EN 410 - 2011)

transmittance [%]	$\tau_v = 67,6$
reflectance external [%]	$\rho_v = 18,9$
reflectance internal [%]	$\rho_v = 16,2$
general colour rendering index [%]	$R_a = 92,9$

Thermal properties (EN 673 - 2011)

U-value [W/(m²K)]	$U_g = 1,3$
slope $\alpha = 90^\circ$	

Solar energy (EN 410 - 2011)

solar factor [%]	$g = 41,8$
shading coefficient [g/0.87]	$sc = 0,48$
direct transmittance [%]	$\tau_e = 38,1$
direct reflectance external [%]	$\rho_e = 35,0$
direct reflectance internal [%]	$\rho_e = 34,5$
direct absorption [%]	$a = 26,9$
UV transmittance [%]	$\tau_{uv} = 17,0$
secondary internal heat transfer factor [%]	$q_i = 3,6$

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.