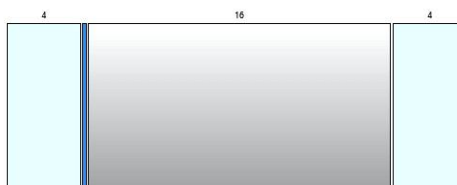


Product code

66 / 42 / 1,0



total thickness = 24 mm

Glazing from external to internal:

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

Results

Visible light (EN 410 - 2011)

transmittance [%]	$\tau_v = 66,2$
reflectance external [%]	$\rho_v = 26,4$
reflectance internal [%]	$\rho_{vi} = 23,5$
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:	$U_g = 1,0$
3 decimal places:	$U_g = 1,042$

Solar energy (EN 410 - 2011)

solar factor [%]	$g = 42,4$
shading coefficient [g/0.87]	$sc = 0,49$
direct transmittance [%]	$\tau_e = 39,7$
direct reflectance external [%]	$\rho_e = 43,3$
direct reflectance internal [%]	$\rho_{ei} = 40,1$
direct absorption [%]	$a = 17,0$
UV transmittance [%]	$\tau_{uv} = 24,6$
secondary internal heat transfer factor	$q_i = 2,7$

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.