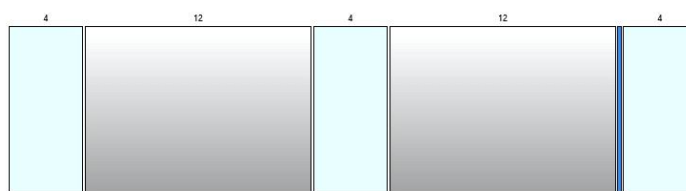


Product code

72 / 59 / 1,3



total thickness = 36 mm

Glazing from external to internal:

Pane 1	Pane 2	Pane 3
4 mm Float Glass Clear	4 mm Float Glass Clear	4 mm ClimaGuard N Float Glass ExtraClear
Spacer 1 - 12 mm	Spacer 2 - 12 mm	
100% Air	100% Air	

Results

Visible light (EN 410 - 2011)

transmittance [%]	$\tau_v = 71,8$
reflectance external [%]	$\rho_v = 17,5$
reflectance internal [%]	$\rho_{vi} = 16,4$
general colour rendering index	$R_a = 96,5$

Thermal properties (EN 673 - 2011)

U-value [W/(m ² K)]	slope $\alpha = 90^\circ$
according to EN:	$U_g = 1,3$
3 decimal places:	$U_g = 1,272$

Solar energy (EN 410 - 2011)

solar factor [%]	$g = 58,6$
shading coefficient [g/0.87]	$sc = 0,67$
direct transmittance [%]	$\tau_e = 49,1$
direct reflectance external [%]	$\rho_e = 24,5$
direct reflectance internal [%]	$\rho_{ei} = 27,9$
direct absorption [%]	$a = 26,4$
UV transmittance [%]	$\tau_{UV} = 27,9$
secondary internal heat transfer factor	$q_i = 9,5$

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.