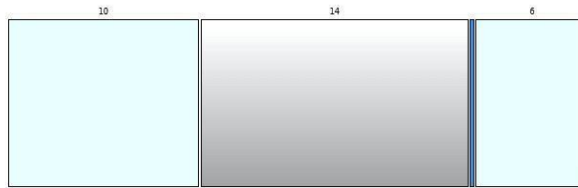


Product code

70 / 51 / 1.1



total thickness = 30 mm

Glazing from external to internal:

Pane 1
10 mm Clear Toughened

Pane 2
6 mm ClimaGuard A 1.0
Clear Toughened

Spacer 1 - 14 mm
10% Air
90% Argon

Results

Visible light (EN 410 - 2011)

transmittance [%]	$\tau_v = 70.0$
reflectance external [%]	$\rho_v = 20.6$
reflectance internal [%]	$\rho_v = 22.2$
general colour rendering index	$R_a = 95.7$

Thermal properties (EN 673 - 2011)

U-value [W/(m ² K)]	slope $\alpha = 90^\circ$
according to EN:	$U_g = 1.1$
3 decimal places:	$U_g = 1.061$

Solar energy (EN 410 - 2011)

solar factor [%]	$g = 50.8$
shading coefficient [g/0.87]	$sc = 0.58$
direct transmittance [%]	$\tau_e = 43.6$
direct reflectance external [%]	$\rho_e = 31.0$
direct reflectance internal [%]	$\rho_e = 35.2$
direct absorption [%]	$a = 25.4$
UV transmittance [%]	$T_{uv} = 29.6$
secondary internal heat transfer factor	$q_i = 7.2$

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.