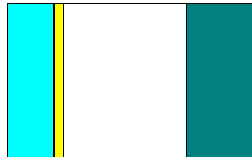


Glazing design



Outdoor A B Indoor

	A-First glazing	B-Second glazing	C-Third glazing
Gas-filled cavity	Argon 90% 16 mm		
Coating			
First pane	PYROSWISS 6.0 mm	44_2 8.8 mm	
Coating	COOL-LITE SKN 174 II		
Layer			
Second pane			
Coating			

Manufacturing sizes

Nominal thickness : 30.8 mm
Weight : 35.8 kg/m²

UV factor

Transmittance : <1 %

Light factors

Transmittance : 67 %
Outdoor reflectance : 10 %
Indoor reflectance : 12 %

Energy factors EN 410

Transmittance : 34 %
Outdoor reflectance : 29 %
Absorbance A1 : 31 %
Absorbance A2 : 6 %

Solar factor g : 0.41
Shading coefficient SC : 0.47

Thermal transmission

U_g : 1.2 W/(m².K)



Certified by the Fraunhofer Institut
Certified by TNO S&I

Phone number :
Mobile number :
Fax number :

This Calumen program has been approved by TNO S&I to do ITC (Initial Type Calculations), for the purpose of an ITT Report according to EN 673 and EN 410 intended uses. Ref. Report TNO No TC-RAP-06-17286/mso

The Calumen software calculates the spectrophotometric values of Saint-Gobain Glass products, and of combinations of those products. It is the responsibility of the user of this software to check if the intended use of the product is allowed, in respect with the current domestic regulations and standards. Saint-Gobain Glass cannot be considered as responsible if the software is used for wrong applications of glass products.

These values are calculated according to standards EN 410 (luminous and energy values) and EN 673 (thermal transmittance U_g). These computed values are average values, given for indicative purposes only and are subject to modifications. These computed values are average values, given for indicative purposes only and are subject to modifications. The tolerance is +/-3% for the values of the light and energy factors and +/- 0.1 W/m².K for the value of the U_g coefficient.