

calculation in accordance to EN 410

033

Glazing from outside to inside 26.00 mm

pane1	substrate	Guardian Float Glass ExtraClear, 6.00 mm
	coating on pos.2	Guardian SunGuard HS SuperNeutral 51/28
spacer/gas1		16 mm / air 10%, argon 90%
pane2	substrate	Guardian Float Glass ExtraClear, 4.00 mm

Results

UV :	
transmittance [%] :	$\tau_{UV} = 15,9$
light :	
transmittance for standard illuminant D65 [%] :	$\tau_V = 50,9$
reflectance for standard illuminant D65 [%] (*):	$\rho_V = 12,4$
reflectance for standard illuminant D65 [%] (**):	$\rho_{V'} = 22,9$
general colour rendering index [%] :	$R_a = 92,5$
energy :	
solar direct transmittance [%] :	$\tau_e = 25,7$
solar direct reflectance [%] (*):	$\rho_e = 37,0$
solar direct reflectance [%] (**):	$\rho_{e'} = 45,9$
solar direct absorption [%] (*):	$a = 37,3$
secondary internal heat transfer factor [%] (*):	$q_i = 2,2$
total solar energy transmittance (solar factor) [%] (*):	$g = 27,9$
shading coefficient (=g/0,87) (*):	$sc = 0,32$
thermal conductance (U-value) [W/m ² K] (EN 673):	$U_g = 1,0$
slope [°] : $\alpha = 90,0$	
(*) incident radiation from the outside	
(**) incident radiation from the inside	

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.