



Tilt angle: 90°

ZERO NG #3 – 5 EF | 18 Ar 90 | 5 EF

EUROFLOAT 5 mm, Ar 90 18 mm, ZERO NG, EUROFLOAT 5 mm

Optical properties	EN 410:2011
Light transmittance (τ_V)	76 %
External light reflectance ($\rho_{V,e}$)	16 %
Internal light reflectance ($\rho_{V,i}$)	17 %
General colour-rendering index (R_a)	97
Energy properties	EN 410:2011
Total solar energy transmittance (solar factor) (g) \angle	55 %
Shading coefficient (solar factor g / 0.87) (SC) \angle	63 %
Secondary internal heat transfer factor (q_i) \angle	7 %
Solar direct transmittance (τ_e)	47 %
External solar direct reflectance ($\rho_{e,e}$)	34 %
Internal solar direct reflectance ($\rho_{e,i}$)	34 %
Solar direct absorptance (α_e)	18 %
Solar direct absorptance pane 1 ($\alpha_{e,1}$)	10 %
Solar direct absorptance pane 2 ($\alpha_{e,2}$)	8 %
UV-Transmittance (τ_{UV})	27 %
Selectivity (S) \angle	1.4

Thermal properties	EN 673:2024
Thermal transmittance (U_g) \angle	1.0 W/m ² K
Mechanical properties	
External bullet resistance (EN1063 _{hr,e})	NPD
Internal bullet resistance (EN1063 _{hr,i})	NPD
External resistance against manual attack (ball) (EN356 _{ball,e})	NPD
Internal resistance against manual attack (ball) (EN356 _{ball,i})	NPD
External resistance against manual attack (axe) (EN356 _{axe,e})	NPD
Internal resistance against manual attack (axe) (EN356 _{axe,i})	NPD
Fire resistance	EN13501-2:2016
Fire resistance class (EN13501-2)	NPD
Thickness and weight	
Thickness (mm)	28.00 mm
Weight (kg/m ²)	25 kg/m ²

Calculations are performed according to the European standards EN 410:2011 and EN 673:2024. The values given are only indicative and subject to change without notice. They do not represent any guarantee for the performance of the glazing.

The responsibility for the choice of a configuration, the use of characteristics and compliance with local, regional, national or project-specific requirements lies solely with the user. It is recommended to have feasibility and availability of a configuration checked. To assess the real, physiological colour impression, sampling is recommended in any case.