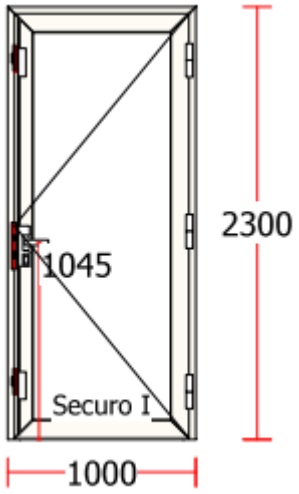
THERMAL PERFORMANCE CERTIFICATE

PRODUCT: PREMIUM ENTRANCE DOOR – 5STAR C16
GLAZING: ALUMINIUM INFILL PANEL
CUSTOMER:
PROJECT:

Width L = 1000mm
Height H = 2300mm



THERMAL TRANSMITTANCE CALCULATION

Profile	Uf = 2.45 W/m2k
Aluminium Panel	Ug = 0.3 W/m2k
Spacer	Ip = 0.04 W/m2k
Total profile surface	Af = 0.78 m2
Glazing surface	Ag = 1.52 m2
Total double glazing perimeter	Ig = 5.6 m
Total area	Aw = 2.3 m2

All thermal calculations carried out in accordance with BS EN ISO 1077 – 1 : 2018. Thermal performance of windows, doors, and shutters – calculation of thermal transmittance
The Uw and Ug values may vary depending on the glazing used and on the windows' dimensions

$$Uw = \frac{Uf \times Af + Ug \times Ag + Ip \times Ig}{Aw}$$

RESULT

Uw = 1.16 W/m2k

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DATE: MAY 2024