

THERMAL PERFORMANCE CERTIFICATE

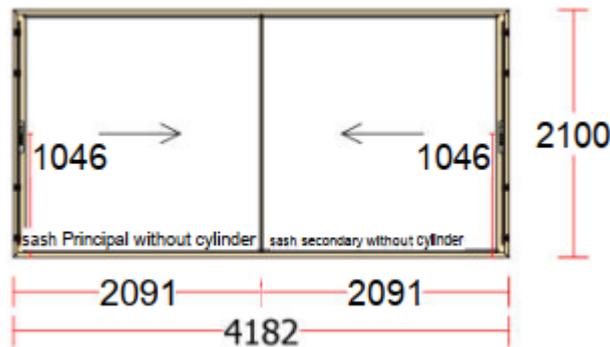
PRODUCT: PANORAMA 5 SLIDING DOOR

GLAZING: DOUBLE GLAZING 28MM (331 + LOWE 1.0) ARGON + WARM EDGE SPACER

CUSTOMER:

PROJECT:

Width L = 4182mm
Height H = 2100mm



THERMAL TRANSMITTANCE CALCULATION

Profile	Uf = 4.5 W/m2k
Double Glazing	Ug = 1.0 W/m2k
Spacer	Ip = 0.05 W/m2k
Total profile surface	Af = 0.97 m2
Glazing surface	Ag = 7.82 m2
Total double glazing perimeter	Ig = 15.82 m
Total area	Aw = 8,78 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

$$U_w = \frac{U_f \times A_f + U_g \times A_g + I_p \times I_g}{A_w}$$

RESULT

Uw = 1.47 W/m2k

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