

THERMAL PERFORMANCE CERTIFICATE

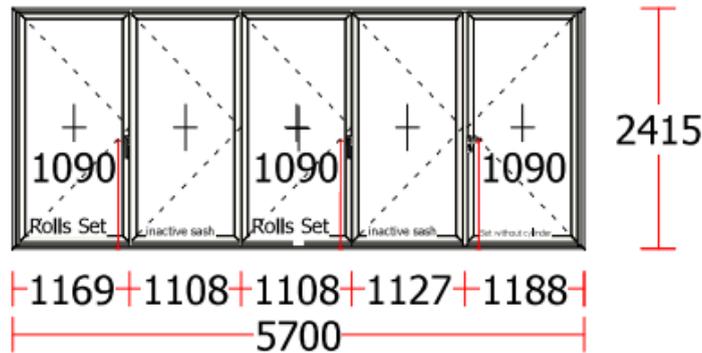
PRODUCT: PAYSAGE BI-FOLD DOORS ALUMINIUM

GLAZING: TRIPLE 42MM (4 SC1.0 + 4F + 4 LOWE) ARGON + WARM EDGE SPACER

CUSTOMER:

PROJECT:

Width L = 5700mm
Height H = 2415mm



THERMAL TRANSMITTANCE CALCULATION

Profile	Uf = 3.1 W/m2k
Triple Glazing	Ug = 0.5 W/m2k
Spacer	Ip = 0.04 W/m2k
Total profile surface	Af = 3.16 m2
Glazing surface	Ag = 10.61 m2
Total double glazing perimeter	Ig = 31.51 m
Joinery Surface	Aw = 13.77 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 = 1.2 W/m2k

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