

THERMAL SIMULATION REPORT

Report Number:	WIN2023-FGC003
Prepared For:	Frameless Glass Curtains Ltd. Unit 6 Ballard Business Park Cuxton Road Strood Kent ME2 2NY
Door Identifier:	Framed Bifold System
Glazing System:	4mm Pilkington Optifloat 16mm 90% Argon 6mm Pilkington Optitherm S1
Spacer Bar:	16mm Thermobar
Notes:	

Results

Thermal Transmittance (U_{door})	1.2	W/(m ² K)
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(Door Configuration – 3 Leaf Bifold Door. 4690 mm wide x 2725 mm high)

Report Prepared By:

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Signed:

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Date:

13th March 2023

The simulations in this report were performed using Win Iso ® version 2.8.1, strictly in accordance with the requirements of BS EN ISO 10077-2:2017, using the radiosity approach to frame cavity modelling.

The overall window / door U value was determined in accordance with the requirements of BS EN ISO 10077-1:2017.

The simulation files and spreadsheet generated are attached to this report as appendices.

All material thermal conductivity values are taken from BS EN ISO 10077-2:2017 unless otherwise stated.



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