

# THERMAL SIMULATION REPORT

Report Number:	WIN2023-FGC004
Prepared For:	Frameless Glass Curtains Ltd. Unit 6 Ballard Business Park Cuxton Road Strood Kent ME2 2NY
Door Identifier:	Framed Bifold System
Glazing System:	6mm Pilkington Optitherm S1 8mm 90% Krypton 4mm Pilkington Optifloat 8mm 90% Krypton 6mm Pilkington Optitherm S1
Spacer Bar:	8mm Thermobar
Notes:	

## Results

Thermal Transmittance ( $U_{door}$ )	<b>0.86</b>	W/(m <sup>2</sup> K)
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(Door Configuration – 3 Leaf Bifold Door. 4690 mm wide x 2725 mm high)

Report Prepared By: **Dr Gary Morgan**  
**Windata Ltd.**  
**Maen Llwyd Cottage**  
**Rudry**  
**Caerphilly**  
**CF83 3EB**

Signed:

*G Morgan*

Date: **13<sup>th</sup> 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.

