Date

Verified Thermal Performance Data

24 Oct 2017



Customer Details World Group



Customer Ref.	A Rated - 1.7 U-Value				Kingdo	m House	
						Brunel Way	
					Carlisle		
					CA1 31	VQ	
System	TWENTY	FOUR SEVEN	C	Outer Reinf.		RCM839	
Style	CASEMENT		5	Sash Reinf. Head		RCM839	
Suite	TWENTY FOUR SEVEN		5	Sash Reinf. Jamb		RCM839	
Outerframe	X841		5	Sash Reinf. Cill		RCM839	
Sash	X844		5	Sash Reinf. Mull.		RCM839	
Mullion	X842		N	Mullion Reinf.		RCM839	
Unit Type	Double		N	Normal Emiss.Surface 2		0.89 Un-Coated	
Unit Width	28	mm	<u> </u>	Normal Emiss.Surface 3		0.03	
Pane 1 Dim.	4	mm	١	Normal Emiss.Sur	face 4		
Pane 2 Dim.	4	mm	١	Normal Emiss.Sur	face 5		
Pane 3 Dim.		mm					
Pane 1 Product	Float Glass		V	Window Energy R	ating	6	kWh/m²/year
Pane 2 Product	Silverstar Enplus			Window Energy Rating Scale		Α	
Pane 3 Product				gW (Window Solar Factor)		0.44	
				Air Leakage Heat ₋oss		0	$m^3/h.m^2$
Gas Space 1	20	mm	(G Factor		0.7	
Gas Space 2		mm	A	Air Permeability R	eport	Wintech Repo	ort No R2204
Gas Type Space 1	Argon						
Gas Type Space 2				Uw (Window Thermal Transmittance)		1.7	W/m².K
Spacer	Swiss Spacer V			Jg (Glazing Thermal ransmittance)		1.2	W/m ² .K
Georgian Bar	Glazing bar (Georgian Bar		C	Glazed Fraction, 1-f		0.69	

Notes:

- The calculation method has been approved by BSI (Notified Body No. 0086, Thermal 1. Transmittance Report No. 7985266 Issue 5, 28th October 2014) therefore this report is suitable for CE Marking declaration of thermal transmittance.
- This result is based upon window construction being undertaken using only Epwin Window 2. Systems Division products.
- This calculation sheet does not in itself prove compliance with any building regulations or 3.. specification but can be used in conjunction with other relevant data to prove compliance.