

## Verified Thermal Performance Data



Date	<input type="text" value="24 Oct 2017"/>	Customer Details	<input type="text" value="World Group"/>
Customer Ref.	<input type="text" value="A Rated - 1.3 U-Value"/>		<input type="text" value="Kingdom House"/>
			<input type="text" value="Brunel Way"/>
			<input type="text" value="Carlisle"/>
			<input type="text" value="CA1 3NQ"/>
System	<input type="text" value="TWENTY FOUR SEVEN"/>	Outer Reinf.	<input type="text" value="RCM839"/>
Style	<input type="text" value="CASEMENT"/>	Sash Reinf. Head	<input type="text" value="RCM839"/>
Suite	<input type="text" value="TWENTY FOUR SEVEN"/>	Sash Reinf. Jamb	<input type="text" value="RCM839"/>
Outerframe	<input type="text" value="X841"/>	Sash Reinf. Cill	<input type="text" value="RCM839"/>
Sash	<input type="text" value="X844"/>	Sash Reinf. Mull.	<input type="text" value="RCM839"/>
Mullion	<input type="text" value="X842"/>	Mullion Reinf.	<input type="text" value="RCM839"/>
Unit Type	<input type="text" value="Double"/>	Normal Emiss.Surface 2	<input type="text" value="0.89 Un-Coated"/>
Unit Width	<input type="text" value="28"/> mm	Normal Emiss.Surface 3	<input type="text" value="0.03"/>
Pane 1 Dim.	<input type="text" value="4"/> mm	Normal Emiss.Surface 4	<input type="text"/>
Pane 2 Dim.	<input type="text" value="4"/> mm	Normal Emiss.Surface 5	<input type="text"/>
Pane 3 Dim.	<input type="text"/> mm		
Pane 1 Product	<input type="text" value="Clear Glass"/>	Window Energy Rating	<input type="text" value="6"/> kWh/m <sup>2</sup> /year
Pane 2 Product	<input type="text" value="Low E 'Warm Coating'"/>	Window Energy Rating Scale	<input type="text" value="A"/>
Pane 3 Product	<input type="text"/>	gW (Window Solar Factor)	<input type="text" value="0.44"/>
		Air Leakage Heat Loss	<input type="text" value="0"/> m <sup>3</sup> /h.m <sup>2</sup>
Gas Space 1	<input type="text" value="20"/> mm	G Factor	<input type="text" value="0.7"/>
Gas Space 2	<input type="text"/> mm	Air Permeability Report	Wintech Report No R2204
Gas Type Space 1	<input type="text" value="Argon"/>		
Gas Type Space 2	<input type="text"/>	Uw (Window Thermal Transmittance)	<input type="text" value="1.3"/> W/m <sup>2</sup> .K
Spacer	<input type="text" value="Swiss Spacer V"/>	Ug (Glazing Thermal Transmittance)	<input type="text" value="1.2"/> W/m <sup>2</sup> .K
Georgian Bar	<input type="text" value="None"/>	Glazed Fraction, 1-f	<input type="text" value="0.69"/>

## Notes:

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