

## Thermal Performance Data - Casement Window



Date	20/11/2019	Customer Details	Universal Trade Frames
Customer Ref:			Yeomanry Road
			Battlefield Enterprise Park
			Shrewsbury SY1 3EH
System	Spectus	Outer Reinf.	None
Suite	Elite 70 Bevelled/Ovolo	Sash Reinf. Head	None
Style	CASEMENT	Sash Reinf. Jamb	BR35S
Outerframe	B02/B06	Sash Reinf. Cill	None
Sash	B30/B35	Sash Reinf. Mull.	BR35S
Mullion	B11/B21	Mullion Reinf.	BR20S
Unit Type	Double Glazing	Normal Emmissivity Surface 2	0.837 *
Unit Width	28 mm	Normal Emmissivity Surface 3	0.059 *
Pane 1 Dim.	4 mm	Normal Emmissivity Surface 4	n/a *
Product Name	UltraClear	Normal Emmissivity Surface 5	n/a *
Pane 2 Dim.	4 mm	* Corrected	
Product Name	Climaguard A+	Window Energy Rating Scale	C
Pane 3 Dim.	n/a mm	Window Energy Rating	-11
Product Name		gW (Window Solar Factor)	0.46
Gas Space 1	20 mm	AL	0.00
Gas Space 2	n/a mm	G Factor	0.75
Gas Type Space 1	Argon (90%)	Uw (window thermal transmittance)	1.6 W/m <sup>2</sup> .K
Gas Type Space 2	n/a	Centre Pane U-Value	1.2 W/m <sup>2</sup> .K
Spacer	Aluminium	Glazed Fraction, 1-f	0.69
Georgian Bar	None		
Seal Type	N/A		

1 The calculation method has been approved by BSI (Notified Body No. 0086, Thermal Transmittance Report No. 7985266) 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.

