

# WINDOW ENERGY RATING (WER)



Unlimited Polymer Solutions



Licence Number

0846-3760

NB: Licence number format should be XXXX-XXXX to validate please go to [www.bfrc.org](http://www.bfrc.org)

REHAU Total 70c	
Proj Title / Co. Name	Keyframe UK Ltd
Project Reference	Sample Label
System	REHAU Total 70c
Frame Type	Slim (52mm)
Sash Type	T Sash (75mm)
Mullion	Slim Z (69mm)
Reinforcement Type	3 Chamber - Std
Glazing Manufacturer	Saint Gobain
Glazing Unit	4/20/4 Float/Argon/ Total + (Planiclear)
Spacer Bar	Super Spacer + Butyl
Thermal Transmittance	1.39
Solar Factor	0.46
Air Leakage (Based On Testing To BS6375)	0.21
Energy Index	5.5
Energy Rating	A

### Window Energy Rating (WER)

Keyframe UK Ltd  
Sample Label

19/08/2015

**FRAME SUMMARY**  
REHAU Total 70c  
Slim (52mm)  
T Sash (75mm)

**GLASS SUMMARY**  
4/20/4 Float/Argon/Total + (Planiclear)

	<div style="font-size: 2em; font-weight: bold;">A</div>
<p><b>ENERGY INDEX (kWh/m<sup>2</sup>.yr)</b> WER = 196.7 x ((1 - f) x gGlass) - 68.5 x (U + (0.0165 x AL)) <small>Based on BFRC Scale</small></p> <p><b>The climate zone is:</b></p>	<div style="font-size: 3em; font-weight: bold;">6</div>  <div style="font-size: 2em; font-weight: bold;">UK</div>
<p><b>Window Thermal Transmission (Uw)</b> <b>Window Solar Factor (gw)</b> <b>Air Leakage (L)</b></p>	<div style="font-size: 1.2em; font-weight: bold;">1.39</div> <div style="font-size: 1.2em; font-weight: bold;">0.46</div> <div style="font-size: 1.2em; font-weight: bold;">0.21</div>

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This Window Energy Rating has been calculated in accordance with Building Regulations Part L1 b 2010 section 4.22 and is based on a UK standard as set out in BRE 443 - Conventions for U value calculations 2006.

All calculations are provided with the best of knowledge and with the correct information at the date of issue shown at the end of this label. These calculations should be considered as indicative unless a valid BFRC licence number is shown to confirm the legitimacy of the scheme member. This can then be verified by the BFRC if requested.

The results can also be confirmed by an approved simulator of any of the window energy rating scheme bodies if so required. Working conditions and use under conditions for which the product was intended and over which we have no influence exclude any claim resulting from our information. We recommend that a check is made as to whether the REHAU product is suitable for the envisaged purpose. Application, use and processing of the products is carried out beyond the scope of our control and are therefore carried out exclusively at your own responsibility. If liability should still apply, then this is regulated, in the case of all damage, by our "Terms and Conditions of Delivery and Payment". This applies also for any claims on warranty, where the warranty applies to the consistent quality of our products as per our specification.

REHAU Ltd Nov 2013

This Window Energy Rating has been calculated in accordance with Building Regulations Part L1b 2010 section 4.22 and is based on a UK standard window (1230mm wide x 1480mm high) as set out in BR 443 – Conventions for U value calculations, BRE 2006.

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