Engineering progress
Enhancing lives

U Value Calculation

REHAU TOTAL70C	05/03/2025
Doc Num:	0000003814
Proj Title / Co. Name:	52mm Frame U Value
Project Ref:	1st Class Window Systems Ltd
System:	REHAU TOTAL70c
Frame Type:	Slim (52mm)
Sash Type:	T Sash (75mm)
Mullion:	Slim Z (69mm)
Reinforcement Type:	Standard Reinforced
Glazing Manufacturer 1:	Saint Gobain
Glazing Unit 1:	
4/20/4 Planilux/Argon/Total+(Planitherm)	
Spacer Bar 1: Swisspacer Ultimate 6.5mm - Any S - 0.027	
Centre Pane U:	1.2
Solar Factor (gw):	0.46
Air Leakage:	0
Thermal Transmittance:	1.33

FENSA

certass
Self Assessment and Auditing

This U Value Calculation has been carried out in accordance to BS EN 10077-1 : 2006, and in accordance to Building Regulations 2010 Approved Document Part L1(a) Section 4.

U VALUE

52mm Frame U Value
1st Class Window Systems Ltd
05/03/2025

Frame Summary

REHAU TOTAL70c

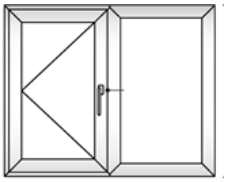
Slim (52mm)

T Sash (75mm)

Glass Summary

4/20/4 Planilux/Argon/Total+(Planitherm)

Window Style



Overall window size

Width:
1230 mm

Height:
1480 mm

Thermal Transmittance

U Value (W/m²K) **1.33**

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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.

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 for 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
05 March 2025
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