

## HOW TO USE REHAU'S U VALUE CALCULATOR

### FOR REHAU TOTAL 70 AND RIO PRODUCTS

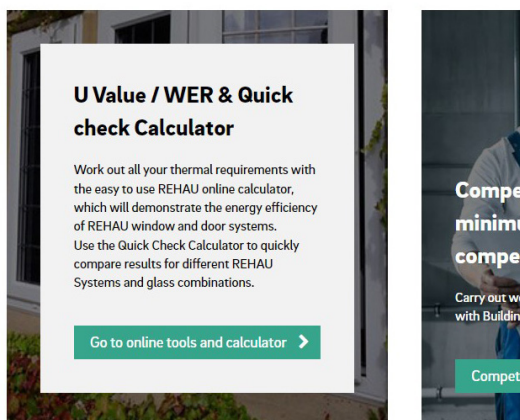
Building Regulations, Approved Document L require all replacement windows and doors in dwellings to have a U Value of 1.4 W/m<sup>2</sup>.K or better. Doors have also had their U Value's reduced to 1.4 W/m<sup>2</sup>.K. For new build homes the window U Value will now be 1.2 W/m<sup>2</sup>.K in these updated regulations.

Whilst the replacement window industry also have the option to purchase Energy rated windows of B or better from Climatec, it is also possible to calculate the U values of your REHAU products using their online calculator at [www.rehauanswers.co.uk](http://www.rehauanswers.co.uk)

## YOUR STEP BY STEP GUIDE ON PRODUCING U VALUE REPORTS FOR YOUR PROJECT

### STEP 1

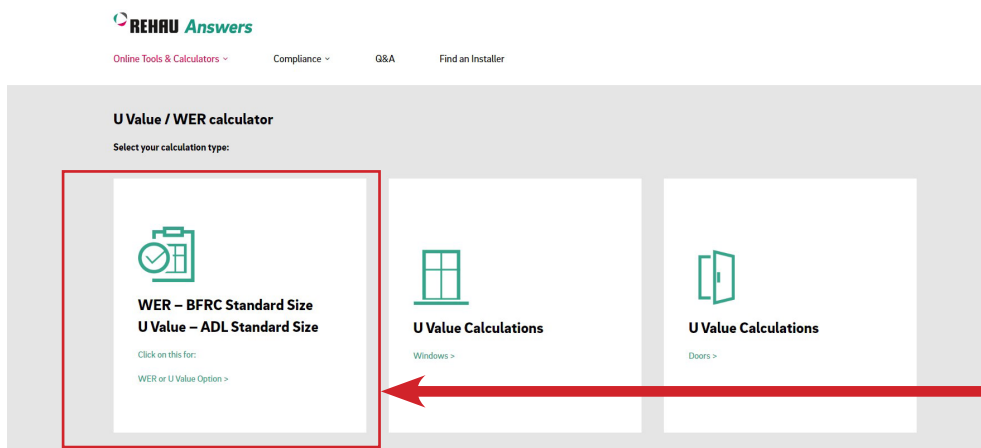
Open up RehaU's online calculator at [www.rehauanswers.co.uk](http://www.rehauanswers.co.uk)



### STEP 2

We recommend you use the WER / U Value calculator for Standard Windows - This will give you a calculation based on a standard UK Window\* shape, size and glazing type.

*\*Every window on your job will have its own individual U Value and will not necessarily be the same as another one on the job. If you prefer to have the individual window U Values, you can use any of the other calculators found on this page and just add the extra information required for each one.*



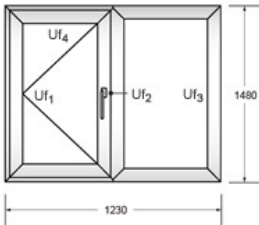
For further assistance, call 01702 613733

[www.climatec-windows.co.uk](http://www.climatec-windows.co.uk)

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## STEP 3


Work your way through the Frame and Glazing sections, selecting the relevant window/door profiles and glazing spec used. It may be worth you having your order confirmation to hand for full details of your manufactured job.

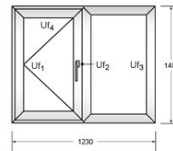


Frame:

Select Frame System 


Glazing 1:


Select Glass Manufacturer 





**EXAMPLE**


Frame:

REHAU TOTAL 70c 


Fully Reinforced 


Slim (52mm) 


T Sash (75mm) 

Slim T (69mm) 

Glazing 1:

Saint Gobain 

28mm - 4/20/4 Planiclear/Argon/Total+(Planitherm) 

Thermobar 6.5mm - Butyle - 0.028 

## STEP 4

Now you are ready to Calculate your U Value.

|                             |                             |
|-----------------------------|-----------------------------|
| Uf1<br><input type="text"/> | Uf2<br><input type="text"/> |
| Uf3<br><input type="text"/> | Uf4<br><input type="text"/> |

**NOTE:** These do not need to be completed if using the BRE Standard Window Calculator

Calculate:

U Value  

WER 

Click to calculate the U Value of the window.

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## STEP 5

The calculation is complete and the U Value is shown here. You can now create a report for printing and sharing by entering your Project or Company Name and Reference and selecting 'Print Report'.

### Summary:

|               | Value              | Unit               |
|---------------|--------------------|--------------------|
| Frame         | 1.4, 1.5, 1.2, 1.4 | W/m <sup>2</sup> K |
| Glazing       | 1.2                | W/m <sup>2</sup> K |
| Solar Factor  | 0.61               |                    |
| Gasket Height | 0.5                | mm                 |
| PSI Value     | 0.028              | W/mK               |

U Value:

**1.34 W/m<sup>2</sup>k**

Notes:

Sizes as indicated for Windows & Doors adopted in England are in accordance with Approved Document L

Conservation of Fuel and Power: Approved Document L – GOV.UK

## Report U Value

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Project name<br><input type="text"/> | Reference<br><input type="text"/> |
|--------------------------------------|-----------------------------------|

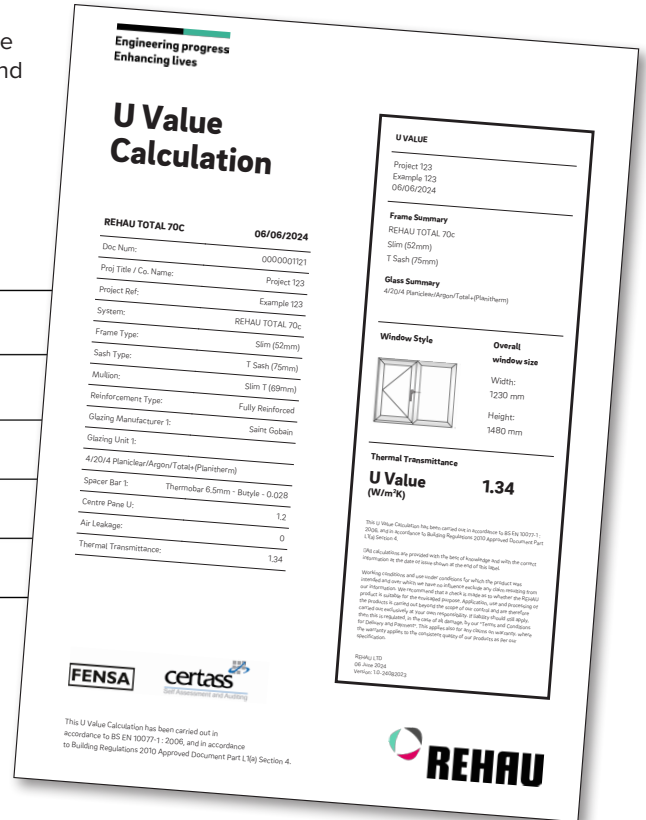
Add Details for your Report



Get report 



Click here. A pdf file will be created for you to download.



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