You can count on it:

CALUWIN –
the energy saving calculator
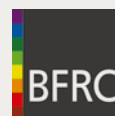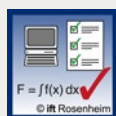
SWISSPACER
The edge of tomorrow.

The performance of a window is influenced by a number of factors: the frame profile, insulating glass and spacer bar have a considerable impact when it comes to energy efficiency and comfortable temperatures. Using the CALUWIN calculation tool, U-values, condensation and energy savings can be calculated and compared quickly. The online tool is an easy-to-use app for architects and specifiers, sealed unit makers, energy consultants and building biologists.

Select products from profile and sealed unit manufacturers including Aluplast, Veka, Rehau, Profine, Hueck, Salamander, AGC Interpane and Guardian. Use presets within the App or enter the data manually and CALUWIN will show you quickly and reliably the energy performance of the window once fabricated. Accurately calculated Psi values and f_{RSi}-values (temperature factor) can be accessed for any chosen combination. With just a few clicks, the accurate U_w-value will be calculated, immediately indicating when there is a risk of condensation or mould forming. CALUWIN calculates values in accordance with EN ISO 10077-1 standards.

The energy savings calculator can be used to determine the savings when heating in winter and cooling in summer, as well as the reduction of CO_2 emissions. CALUWIN can also be used to calculate window energy ratings for certain countries, such as BFRC (UK), Energieetikette (Switzerland) and Passive House efficiency classes (international). A clear overview of the different calculations can be viewed in PDF format.

The calculation methodology used in CALUWIN (Version 0.134) was plausibility tested by ift Rosenheim in accordance with ift WA-05/2 guidelines.

CALUWIN is available online at www.caluwin.com and as an App for iOS and Android devices from the respective App Stores.

$F = \int f(x)\,dx$ © ift Rosenheim

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