

Press Release

March 19, 2019

How exactly does the warm edge benefit the window?

With the updated Thermix WinU_w calculator from Ensinger, it is easy to calculate the energy efficiency of the window

Facts create the best basis for well-informed decisions. This also goes for the configuration of windows: Anyone who wants to know how the thermal transmission coefficient (U_w) can be optimised during the customised configuration of the window system can simply use the free Thermix WinU_w calculator provided by Ensinger.

Online at www.thermixspacer.com or using the app for [Android](#) and [iOS](#), the thermal parameters in line with EN ISO 10077-1 can be reliably calculated. All the stored data has been updated and expanded to include the new Thermix TX PRO and Thermix Low Psi spacers. With the newly added languages Chinese and Portuguese, a total of 13 language variants are available.

“Using this calculation tool, window constructors, energy advisers, planners and architects can precisely calculate the behaviour of the U_w value with different frame materials, types of glazing and spacers”, says Rolf Friedrich Buhl, Head of Global Sales for Thermix at the plastics specialist Ensinger. “Being energy-efficient pays dividends – in both cold and warm climate zones.”

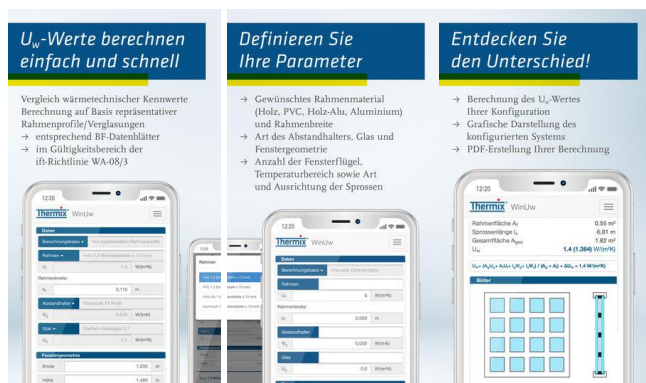
The Psi values of the spacers (Thermix warm edge versus aluminium), frame profiles (wood, PVC, wood-aluminium, aluminium) and the double or triple insulating glazing that are used are based on the representative values in the data sheets from the Federal Flat Glass Association (BF) and the scope of the Guideline

WA-08/3 from the Institut für Fenstertechnik (ift) [Institute of Window Technology].

More information: www.thermixspacer.com

(1,635 characters including spaces)

Photos:



Picture 1: With Thermix WinUw, window constructors, energy advisers, planners and architects can easily calculate the thermal transmission coefficient (U_w) of a window in order to optimise the configuration with respect to the energy efficiency.



Images 2, 3: Thermix spacers from Ensinger increase energy efficiency through better thermal separation in the edge zone of insulating glazing.

Pictures courtesy of: Ensinger GmbH

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About Thermix

Thermix spacers improve the thermal separation of insulated glass windows, doors and facades. This helps save energy and consequently heating and cooling costs as well as cutting carbon emissions. As an insulated glazing edge bond system, Thermix spacers provide a "warm edge". In addition, Thermix muntin bars produce the appearance of a genuine lattice window but with an excellent level of insulation. Both products can be simply and efficiently processed. Specially developed corner keys and straight connectors ensure well-fitting and secure connections every time. Thermix is a brand of Ensinger, one of the leading specialists in high-performance plastics. For more information, go to: www.thermixspacer.com

About Ensinger

The Ensinger group is engaged in the development, manufacture and sale of compounds, semi-finished materials, profiles and technical parts made of engineering and high-performance plastic. Ensinger makes use of a number of different manufacturing methods, in particular extrusion, machining and injection moulding. Employing a total workforce of 2,500 in 33 locations, the family firm is represented in many important industrial regions of the world with its own production plants or sales branches. For more information, go to www.ensingerplastics.com

Contact partner for editors:**Ensinger GmbH**

Karin Skrodzki
Rudolf-Diesel-Straße 8, 71154 Nufringen, Germany
Tel.: +49 7032 819 674 • Fax: +49 7032 819 270
E-mail: karin.skrodzki@ensingerplastics.com
Internet: www.thermixspacer.com

PR Agency:

oha communication
Oliver Frederik Hahr
Auf dem Haigst 23 • 70597 Stuttgart • Germany
Tel.: +49 711 5088 65821 • Fax: +49 711 5088 65829
E-mail: oliver.hahr@oha-communication.com
Internet: www.oha-communication.com/en/client/ensinger-en/