

PRESS RELEASE

New version of Fraunhofer IBP's WUFI Pro® software hits the market

Developed at the Fraunhofer Institute of Building Physics IBP, WUFI® Pro has long been established as the simulation software of choice for evaluating the hygrothermal performance of building envelopes. Released on April 19, the new and improved version 6.0 offers a range of visual and functional improvements.

WUFI® Pro is a one-dimensional hygrothermal simulation tool designed for moisture controls analysis of building components. It takes into account (where appropriate) built-in moisture, driving rain, solar radiation, long-wave radiation, capillary transport and summer condensation. In contrast to conventional static evaluation techniques, which are limited to assessing winter condensation effects, WUFI® Pro dynamically determines the hygrothermal performance of building components under real climate conditions, as required by the DIN EN 15026 standard.

WUFI Pro® 6, the latest version of the WUFI Pro® simulation software, brings the following improvements:

- A new materials database interface with a clearly laid out tree structure, convenient search function and new options for managing user-defined data
- A materials database expanded to include a range of new materials characteristics
- A new climate menu that allows you to pick a location from the globe, performs further analysis on the related climate data file and displays the progression of all the climate elements contained within it
- A user-defined climate database with the option to display your own locations on the map
- A WUFI® graph tool for evaluating results. For the first time, it is possible to directly compare different scenarios in a single view, compare WUFI® Pro (1D) and 2D simulation results and even evaluate conditions for multiple grid elements – including relative humidity. As a result, it is possible to evaluate wooden structures in accordance with the new WTA 6-8 specification allowing a dynamic evaluating of the potential risk of wood rot.
- Improvements for a simplified and more intuitive user handling
- A new, faster and more stable calculation engine
- An interior climate model updated in line with the revised WTA 6-2 guideline. Further updates allowing for free configuration of interior climate models to follow soon via a free update.

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- The program surface is now available in thirteen languages (new is the Chinese version). The help functions are available in German, English, Japanese and French.

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WUFI Pro 6 is available via our online shop (www.wufi.com -> Online shop), where you can choose from time-limited licenses of either one or ten years in duration.

In order to still benefit from our 20th anniversary campaign, WUFI® Pro 5 users can upgrade to version 6 at the early-upgrade price of €720 instead of €900 until May 20, 2016. The upgrade must be purchased via the existing account linked to your WUFI® Pro 5 license.

For more information on the WUFI® software family, hygrothermal simulations, measuring material properties and using our software, please visit our homepage at www.wufi.com.



Building physics is one of the keys to a successful building project. The **Fraunhofer Institute for Building Physics IBP** focuses its work on research, development, testing, demonstration and consulting in the various fields of building physics. These include noise control and sound insulation in buildings, the optimization of auditoria acoustics and solutions for improving energy efficiency and optimizing lighting technology. Fraunhofer IBP's work also covers issues of climate control and the indoor environment, hygiene and health protection, building material emissions, weatherproofing and protection against heat and moisture, preservation of building structures and the conservation of historic monuments.

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