

PRESS RELEASE

19-07-57

21 August 2019

Professional window installation with the ift-Installation Tool

News from the proven online tool

The free online tool "ift-Installation Tool" enables assemblers, planners and installers to professionally plan the structural connection with regard to building physics, fixing and sealing. New are wall superstructures for refurbishment with optional reveal insulation. Planning is now also possible with manufacturer-neutral profiles made of PVC, wood and aluminium. Also for Austria there is now the automatic calculation of the wind load. The static dimensioning has also been adapted to ÖNORM. In addition to the product-neutral ift-Installation Tool, company-specific versions are also available with which the right products for sealing and fastening can be suggested.

Every window expert has already experienced that installers and window manufacturers argue with the architect or builder about the professional design of the installation on the building site. General rules and sample details are of little help here, because small design changes often have a major effect on the building physics. This is why ift Rosenheim developed the ift-Installation Tool a few years ago in German and English. In the meantime, users have already generated over 25,000 PDFs.

After registering for free at www.ift-montageplaner.de, the installation tool enables quick and professional planning of window installation and wall connection. The user is led by a menu, with which technically not suitable constructions and assembly systems are excluded. This is supplemented by information and on-line assistance. The basis for the ift-

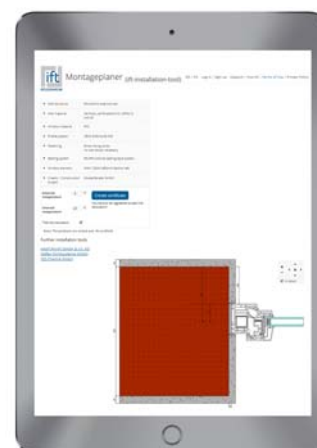


Fig. 1
The installation planner enables fast and professional planning of the window installation and wall connection.

Please send voucher copy to

ift Rosenheim
The Institute for
Windows and Facades
Doors and Gates
Glass and Building Materials

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Installation Tool is the "(RAL) Guideline for installation of windows and external pedestrian doors (Montageleitfaden)".

The program is available both in a product-neutral ift version (with assembly documentation in PDF format) and in company-specific versions (Adolf Würth GmbH & Co. KG, BTI Befestigungstechnik GmbH & Co. KG, Deflex Dichtsysteme GmbH, ISO-Chemie GmbH, Nüßing GmbH, SFS intec GmbH) with the creation of an ift installation passport. After the product selection (wall construction/material, window material/profile, sealing/fixing system, etc.) as well as the selection of the dimensions, a structural-physical calculation of the structure connection is carried out in real time with the WinIso calculation program validated by ift as well as the static calculation of the relevant forces.

All selectable products are stored in a database and have the necessary tests for durable fitness for use. Together with the assigned identification number and the QR code, a high level of safety is achieved for the ift installation passport.



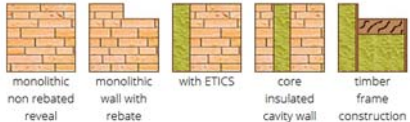
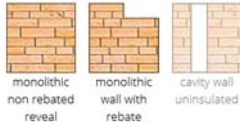
The most important innovations in brief:

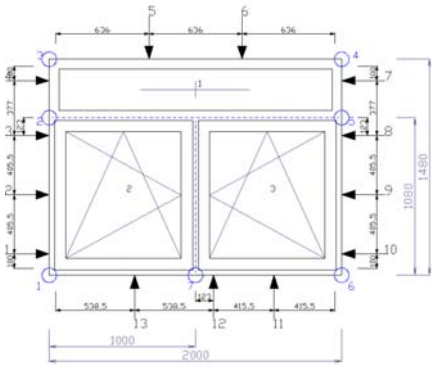
- The adjustable wall superstructures have been extended by examples for refurbishment.
- Planning is now possible with manufacturer-neutral profiles made of PVC, wood and aluminium.
- The wind load is now also calculated automatically for Austria.
- The adaptation of the static dimensioning to the ÖNORM is now possible. The cooperation partner for this is Holzforschung Austria.
- Overall, the static dimensioning of the fasteners has been comprehensively improved. The company versions now automatically calculate the type and number of fasteners required.

(2.494 characters incl. spaces, lead 675, press release total characters 3.169 incl. spaces)

Key words: Installation, Windows, Quality, Building physics, Guide for installation, Online tool, RAL installation

Pictures (available to download from the picture library at www.ift-rosenheim.de/bildarchiv)

No.	Image title and file name	Image
1	<p>The installation planner enables fast and professional planning of the window installation and wall connection.</p> <p>(Source: ift Rosenheim)</p> <p><i>File name:</i> PI190757_Fig_01_ift-installation_Tool.jpg</p>	
2	<p>The ift installation passport and the installation documentation prove that the building structure is connected correctly in terms of building physics.</p> <p>(Source: ift Rosenheim)</p> <p><i>File name:</i> PI190757_Fig_02_ift-installation_passport_installation_documentation.jpg</p>	
3	<p>A new function in the installation tool: The adjustable wall superstructures were extended by examples of refurbishment with optional reveal insulation.</p> <p>(Source: ift Rosenheim)</p> <p><i>File name:</i> PI190757_Fig_03_New_function_installation_tool.jpg</p>	<p>New buildings:</p>  <p>monolithic non rebated reveal monolithic wall with rebate with ETICS core insulated cavity wall timber frame construction</p> <p>Renovation:</p>  <p>monolithic non rebated reveal monolithic wall with rebate cavity wall uninsulated</p>

No.	Image title and file name	Image
4	<p>Revised static dimensioning and position determination of fasteners in the ift-installation Tool</p> <p>(Source: ift Rosenheim)</p> <p><i>File name:</i> PI190757_Fig_04_ift-installation_Tool_Revised_static_dimensioning.jpg</p>	

Info about ift Rosenheim (for the technical press)

ift Rosenheim is a notified European testing, surveillance and certification body with international accreditation, according to DIN EN ISO/IEC 17025. The core activities at ift Rosenheim include practical, holistic and fast testing and assessment of all characteristics of windows, facades, doors, gates, glazing and construction materials. Its goals include sustainable improvement of product quality, design, and technology as well as work on standardisation and research. Certification by ift Rosenheim assures you of acceptance all over Europe. At ift, we are committed to providing knowledge and as an unbiased institution, ift Rosenheim enjoys a special status with the media – the publications document the current state-of-the-art technology.

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Info about ift Rosenheim (for the public press)

You need skills, technology and experience for good structures, and this is especially applicable to windows, facades and doors. Since 1996, ift Rosenheim has been supporting the industry as a neutral scientific institute with technical services and more than 200 employees. These include conducting tests and research, certification and quality management as well as standardisation, advanced education and technical information. In this manner, ift Rosenheim is promoting the development of quality products that are suitable for use, environment-friendly and efficient, and which make life more comfortable, more secure and safer, and healthier.

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