

# Our most flexible system WICLINE 95

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# » Certified energy efficiency meets maximum flexibility

## Your system – down to the details

### The WICLINE 95 aluminium window system

WICLINE 95 provides architects, planners and fabricators with an aluminium window system with outstanding energy efficiency and the greatest possible flexibility in the planning and realisation process.

As one of the first window systems without conventional insulation inserts, WICLINE 95 meets the strict criteria of the renowned Passive House Institute Dr. Feist and is classified as particularly energy efficient – with a slim module depth of 95 mm and a sleek sight line of only 125 mm. The U values of the new WICONA window system can be adapted to the project and application, to reduce costs and save time.

WICLINE 95 is particularly suitable for projects with the highest architectural and energy-saving requirements, for example, in the renovation of existing buildings or new builds in the high-end residential sector.



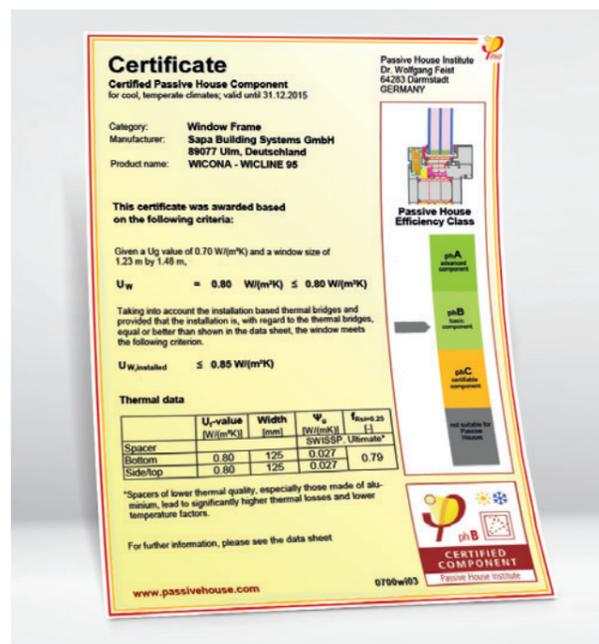
### Passive house certification for the highest demands

WICLINE 95 achieves  $U_w$  or  $U_f$  values of  $0.80 \text{ W/(m}^2\text{K)}^*$  at 95-mm frame depth and sight line of 125 mm – confirmed by the Passive House Institute Dr. Feist.

Therefore, the new WICONA window system is one of the most advanced certified aluminium frame components. What sets WICLINE 95 apart from other windows systems is that the outstanding thermal performance is achieved for most applications without conventional insulation inserts.

With this innovative approach, WICONA proves once more its innovative leadership among aluminium system houses and this allows architects the maximum flexibility in realisation. As a WICONA partner you will benefit from this – effective, sustainable, durable.

\*1230 x 1480 mm (W x H) window, triple glazing with plastic spacers



## WICLINE 95 – perfect for distinctive requirements

### Adjustable U levels for optimum customisation

With WICLINE 95, architects will be choosing a window system, the U levels of which can be set specifically to the requirements of their relevant project. In this way, only the costs incurred to meet the relevant specified levels are necessary, because the use of materials and planning time can be adapted accordingly.

The individual components of the window system, for example, in the area of thermal performance, are designed in a modular fashion, and can therefore be adapted to distinct requirements based on the project or application. Depending on the actual target U levels, certain elements are planned in or reduced. This adaptation is done without significant effect on other aspects of planning the relevant window system. WICONA Partners can therefore save time, expense and costs in the planning and implementation process.

### Flexible production from a finely honed modular principle

Fabricators also enjoy maximum flexibility in the design of the actual window system, as WICLINE 95 benefits from the intelligent WICONA Unisys approach: in this innovative window system, components of the established product ranges WICLINE 65 and WICLINE 75 are predominantly used. Furthermore, the main insulator can be easily installed using a simple clip technique, while the fittings can be attached in any order with the Direct Positioning System (DPS).

For installers, this means considerable cost savings due to lower investment and storage costs and faster, simpler installation.

### Energy efficiency re-defined – ETC Intelligence®

ETC Intelligence® makes conventional insulation inserts superfluous. This exclusive technology allows first-class performance levels due to an intelligent material mix in the thermal break zone of the system.

The protected ETC Intelligence® technology consists of three unique components:

- Low emission film reflects the radiated heat effectively
- Low transmission thermal break material reduces heat conduction in the section
- Low convection thermal break fins minimise heat losses through convection



WICONA relies on ETC Intelligence®

## WICLINE 95 – Your advantages at a glance

» Benefit from one of the first aluminium window systems without conventional insulation inserts, that achieves a passive house certification of class pH B.

🎓 Certified by Passive House Institute Dr. Feist

📦 Adaptive U levels save costs and expense

↔️ Maximum flexibility in planning and implementation

🔋 Maximum energy efficiency with a sleek sight line of 125 mm