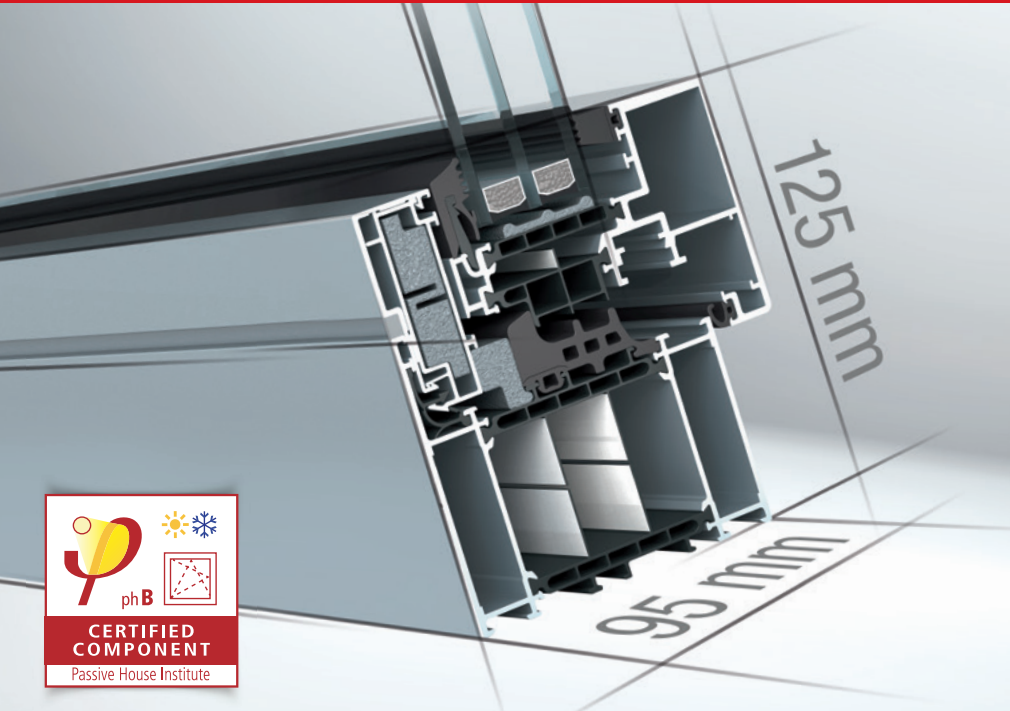


# Certified top performance WICLINE 95



# » Outstanding performance with maximum flexibility

## Efficient in every respect

### The WICLINE 95 aluminium window system

WICLINE 95 provides fabricators, architects and planners with a versatile, adaptable and simple to manufacture aluminium window system, which meets the highest demands of energy efficiency.

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. In production, too, WICLINE 95 saves valuable resources – through the intelligent WICONA Unisys modular principle, variable components and an innovative material mix.

WICLINE 95 is a flexible and production-friendly window system with certified performance levels to passive house standard, which is particularly suitable for the energy-efficient renovation of existing properties or for high-end residential building.



### Passive house certification for the highest demands

WICLINE 95 achieves  $U_{w,installed}$  or  $U_f$  values of 0.80 W/(m<sup>2</sup>K)\* at 95-mm window frame depth and a sleek sight line of only 125 mm – confirmed by 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 window systems is that outstanding thermal performance is achieved for most applications without conventional insulation inserts.

With this innovative approach, which guarantees production advantages to the fabricator, WICONA proves once more its innovative leadership among aluminium system houses. And, 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 combines simple installation and modular planning

### Flexible production from finely honed modular principle

WICLINE 95 benefits from the intelligent WICONA Unisys approach: so, in this innovative range of windows, components of established product ranges WICLINE 65 and WICLINE 75 are predominantly used, for example in the area of the centre seal, corner cleats and fittings. For fabricators, this means cost savings due to lower investment and storage costs.

The thermoframe insulator (main insulator), which is inside the window, is easily installed with a simple clip technique which makes the conventional insulation from outside unnecessary. This considerably simplifies production and installation, saving costs.

The high-quality, fully concealed system fittings with Direct Positioning System (DPS) can be installed in any order, providing greater flexibility.

### 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 patented ETC Intelligence® technology consists of three unique components:

- Low **e**mission film reflects the radiated heat effectively
- Low **t**ransmission thermal break material reduces heat conduction in the section
- Low **c**onvection thermal break fins minimise heat losses through convection

### Adaptive U levels – exclusively with WICLINE 95

The modular design of the individual components allows the U level of WICLINE 95 to be adapted to the specific project. In planning, certain elements can be planned in or reduced – depending on the actual target U value. This adaptation can be done without significant effect on other aspects of planning the relevant window system and is therefore particularly simple and inexpensive to implement.



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 pHB.



**Maximum Flexibility  
in Design**



**Modular Principle  
simplifies Production**



**Lower Storage and  
investment Costs**



**Certified by Passive House  
Institute Dr. Feist**

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