

AC20 FL

Wood-Aluminium Window



TIMELESS. **DISTINCTIVE.** AMBIENT.

The AC20 FL wood-aluminium window impresses architects worldwide with its appealing and clear appearance on the outside. Especially in modern architecture, the flush, linear geometry of the aluminium frames complements the design of your building envelope.

The elegant and timeless design can be used in a variety of opening types (tilt-turn, top hung, casement, fixed or hopper windows) and window constructions (round, segmental or pointed arches). With the help of innovative special fittings, even casement windows with heights of up to 3 metres and sashes with weights of up to 300 kg can be realised. Large window surfaces flood your rooms with light and warmth from the sun, creating a healthy atmosphere of well-being.

If concealed hinges are required, our flush window system conceals the hinges completely out of sight when closed and can be used on particularly heavy sashes up to 150 kg.

This mix of modern technology and visually astounding aesthetics, combining high-quality timber frames with seamless aluminium exterior facings, creates energy-efficient and weather-resistant windows that are integral to the future of sustainable construction.



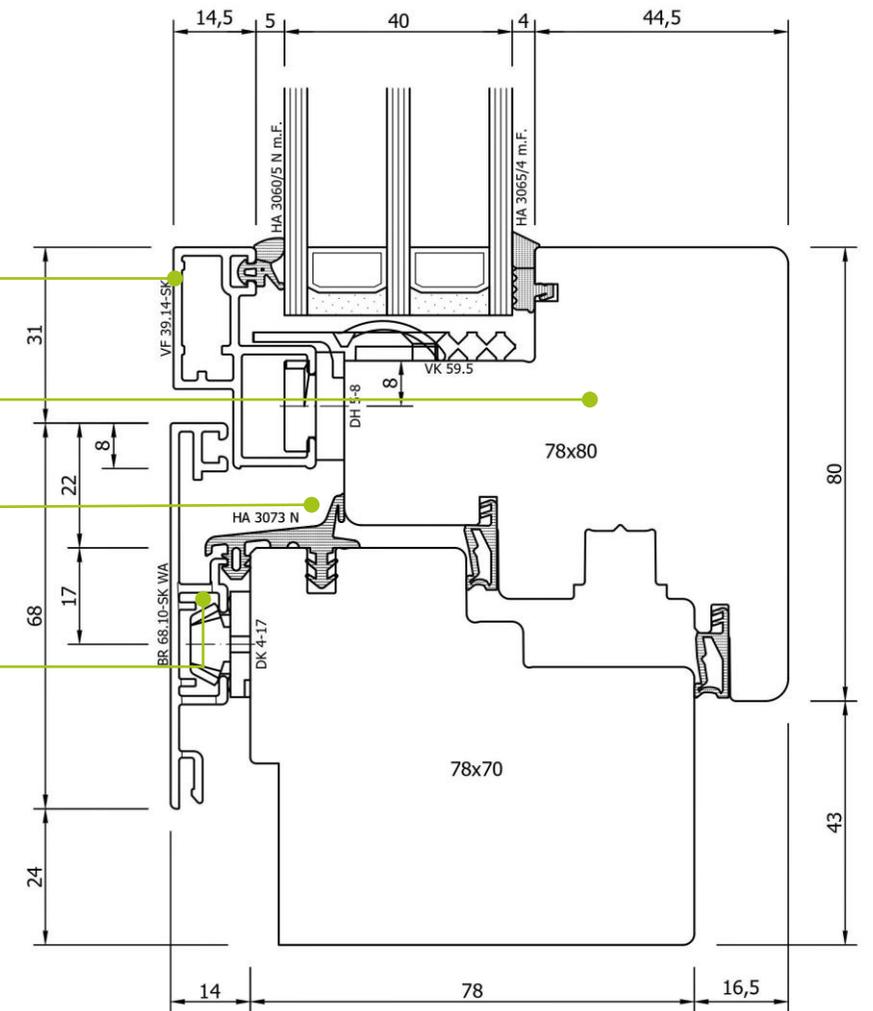


Flush geometry of cladding on the exterior

Fully concealed hardware

Three sealing levels, black, all around

Indirect, invisible drainage via millings in the aluminium frame profile



Air Infiltration DIN 12207
Class 4



Driving Rain Resistance DIN 12208
Class 9A



Windload DIN 12210
Class C3/B3



Lifespan
Up to 60 years



Thermal Insulation
 $\geq 0,64 \text{ W/m}^2\text{K}$



Burglar Resistance
RC1, RC2N, RC2



Acoustic Control
 $\leq 48 \text{ dB}$





Never before has achieving an air-tight, thermal and sustainable building envelope been more pleasing to the eye.



HARMONY. RELIABLE.

Design your AC20 FL window freely according to your wishes. A wide selection of regional types of wood gives you the opportunity to colour match your windows to the interior design. A stained finish protects your wood from external impact and you can enjoy the natural aesthetics and warmth of the raw material. We are able to lacquer the wooden frames in all RAL colours, leaving nothing to be desired in terms of colour design.

Each of our systems can be designed with fully insulated panels, spandrel panels, louvre grilles with insect screens, motorised openers or as fully glazed corners.

We build our windows freely according to your ideas and produce all our systems for you made to measure. In this way, you always receive high-quality individual pieces.

The combination of elegant design, product quality and innovative sustainability makes the AC20 FL window system an absolute bestseller from the FT Vilstal GmbH portfolio.



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Naturally... the best choice

