

VEKA PURE 82

Contemporary design for tomorrow's world



The Quality Profile
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VEKA PURE 82

Window design for the future

Anyone investing in new windows today wants to take tomorrow's requirements into account. When developing VEKA PURE 82, two aspects were therefore paramount: contemporary design and innovative technical features.

The profile geometries of VEKA PURE 82 are based on current architectural trends, offering high energy efficiency as well as an impressive appearance. Minimal visible widths, reduced overlaps and small profile radii create a clear, modern appearance with sleek contours, making them equally suitable for new builds and renovations. The profiles have a particularly high-quality look when combined with VEKA Fine Structure. The system is also available in a wide range of colours and decors, offering numerous design options.

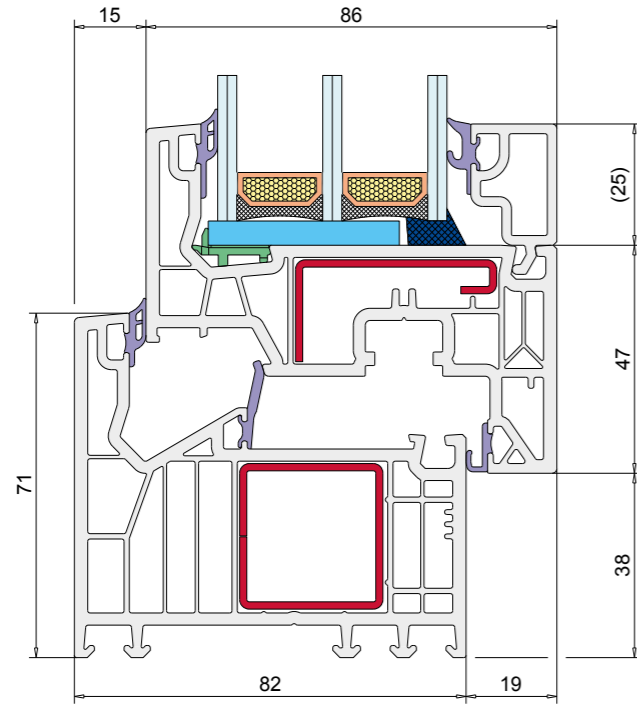
Designed from the outset to make maximum use of recycled PVCu, VEKA PURE 82 impresses with its sustainability and resource conservation, from production to recycling. At the same time, the system is optimised for economical fabrication and efficient installation, and can be flexibly combined with components from the SOFTLINE 82 platform.

VEKA PURE 82 offers sustainable, future-proof window design, combining modern aesthetics, efficiency and ecological responsibility.



VEKA PURE 82 is available in flush and recessed variants.

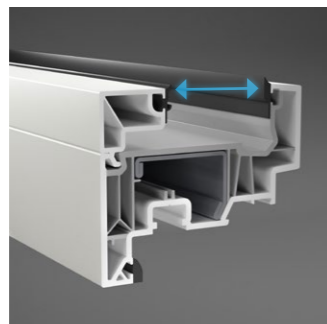
VEKA PURE 82



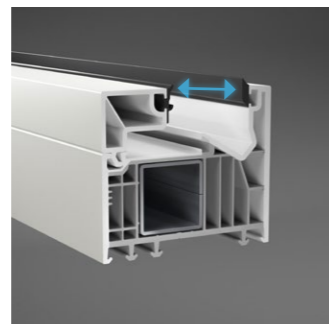
System features at a glance

- Centre seal system in proven frame depth: 82 mm
- Optimal thermal insulation: U_w up to $0.74 \text{ W}/(\text{m}^2\text{K})$
- Sound insulation: R_w up to 48 dB
- Recessed and flush sash
- Reduced external overlap: 15 mm
- Internal sash overlap: 19 mm (as with VEKA SOFTLINE 76 and 82)
- Visible width: 110 mm (with 72 sash and 71 frame)
- Glazing bead height: 25 mm (uniform in sash and frame)

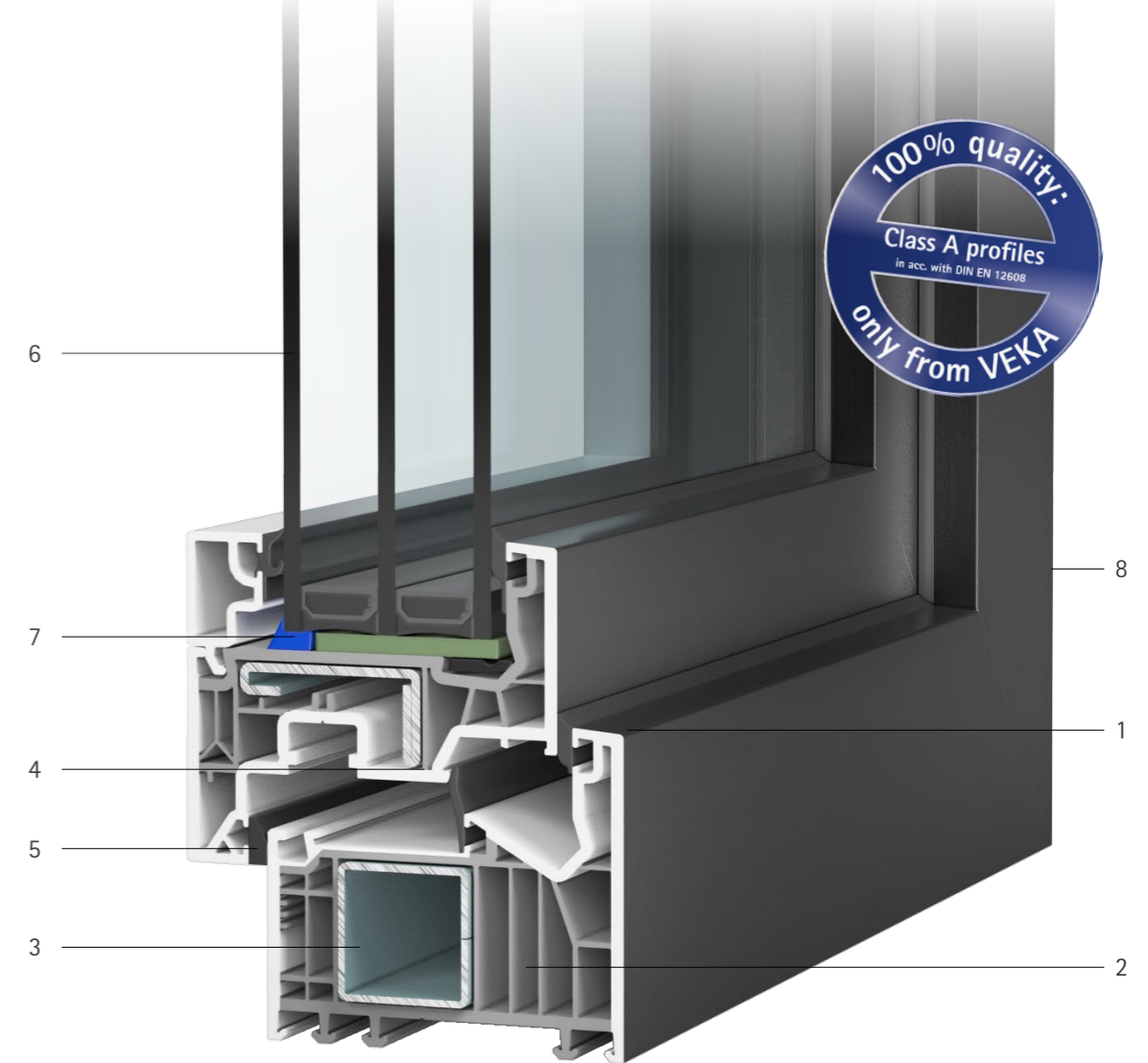
Wide range of glazing options



In the sash: 24 to 70 mm



In the frame: 24 to 58 mm



1 Contemporary design

Sleek appearance thanks to reduced overlaps, smaller profile radii, and minimal visible widths with clean lines

2 Excellent thermal insulation

With a proven construction depth of 82 mm and optimum insulation values of up to $U_w = 0.74 \text{ W}/(\text{m}^2\text{K})$ [with $U_f = 1.0 \text{ W}/(\text{m}^2\text{K})$, $U_g = 0.5 \text{ W}/(\text{m}^2\text{K})$, $\psi_g = 0.03 \text{ W}/(\text{mK})$], it is ready for future requirements

3 Reduced material consumption

Future-oriented design with a high proportion of recycled PVCu and resource-saving geometry

4 Innovative processing details

Thanks to an innovative clip mechanism for loose mullion profiles and steel geometries dimensioned to meet requirements, processing is simplified; high level of integration into the VEKA profile world

5 New seal geometries

Improved connection of the seal geometry for minimal closing forces and maximum tightness; foil behind the seal for an excellent appearance

6 Wide range of glazing options

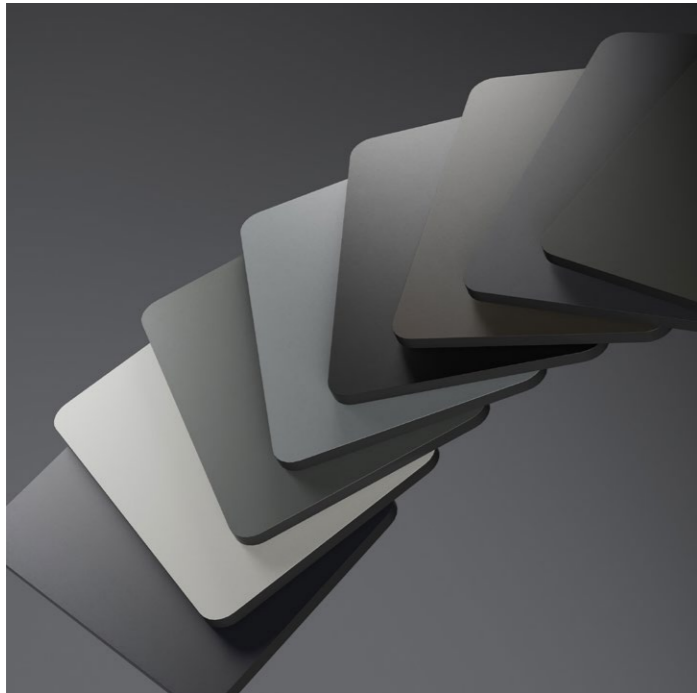
Glazing range from 24 to 70 mm in the sash and from 24 to 58 mm in the frame

7 Outstanding efficiency

Maximum sash sizes are achieved with minimal material usage thanks to the functional rebate area, which can be used optionally for glass edge bonding or conventional glazing

8 Extensive range of profiles

A complete system with a wide range of profile geometries for every application: windows, French doors, residential doors, barrier-free solutions



A wide range of design options

The clean lines of VEKA PURE 82 are particularly effective when combined with the matt finish of VEKA Fine Structure decorative foils. Eight contemporary trend colours ensure a modern, exclusive look at the highest design level for architecturally sophisticated construction projects.

For even greater design freedom, all decorative foils available in the VEKA range are also at your disposal.

Versatile and efficient to process

Thanks to its sleek, timeless design, VEKA PURE 82 is equally well-suited to new construction and renovation projects. With the ability to accommodate glazing thicknesses of up to 58 mm in the frame and 70 mm in the sash, it reliably meets current and future requirements for thermal insulation and soundproofing.

With a construction depth of 82 mm, VEKA PURE 82 offers many advantages in production:

- Compatibility with numerous components from the VEKA system platform
- Reduced storage costs
- Compatibility with steel reinforcements
- A large selection of accessory profiles and surface options
- Cost-effective implementation of individual requirements from architects and homeowners

For maximum flexibility, VEKA PURE 82 is available in several sash and frame variants from the outset. In addition to windows and French doors, VEKA PURE 82 can also be used for residential doors. The proven VEKA quality is evident in both the barrier-free threshold solution and the innovative clip technology for doors with sash covering panels for both sides.

Sustainable throughout the entire product life cycle

With VEKA PURE 82, VEKA is showcasing its many years of pioneering work in window recycling. Depending on the availability of materials, the profile core is made from recycled PVCu, providing an additional source of raw materials. This significantly reduces the proportion of virgin PVC, making an important contribution to resource conservation and a sustainable circular economy. A key prerequisite for achieving a closed material loop is the return of old windows by window fabricators, and we rely on your support to make this happen.

Equally important: VEKA PURE 82 has a wall thickness in accordance with DIN EN 12608-1, Class A, which is proven to ensure maximum stability, reliable function, and a long service life. And, naturally, the profiles are almost fully recyclable at the end of their life cycle.



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VEKA quality – a strong promise

As the global market leader for innovative PVCu window and door systems, VEKA can look back on over 50 years of success.

This success is based on the highest profile quality and a comprehensive partner concept: VEKA offers fabricators a unique system depth, reliable high delivery capability, a wide range of surfaces, and many other advantages.

VEKA partners also benefit from comprehensive services ranging from efficient production support and sales and marketing assistance to technical advice, training, and a well-thought-out sustainability and recycling concept—for long-term, mutual success.



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