

SOFTLINE 82^{MD}

'Saving energy?
It's a snap.'

SOFTLINE 82^{MD}

The innovative, energy-saving profile system
from VEKA



The Quality Profile
★★★★★★

SOFTLINE 82^{MD}

SOFTLINE 82 MD: the VEKA profile innovation that is ready for future requirements

Ever-increasing heating costs call for intelligent, energy-saving solutions: you can optimise the energy balance of any building with state-of-the-art PVC-U windows made with the SOFTLINE 82 MD profile system. With its unique combination of innovative multi-chamber insulation technology in an installation depth of 82 mm and the highly effective centre seal system, SOFTLINE 82 MD makes it possible to efficiently reduce heating costs while ensuring a comfortable atmosphere – any time of the year.

As a VEKA Class A profile – with extremely thick walls in accordance with DIN EN 12608, the highest European quality standard – SOFTLINE 82 MD also combines these outstanding energy-saving properties with extreme durability, stability and security.

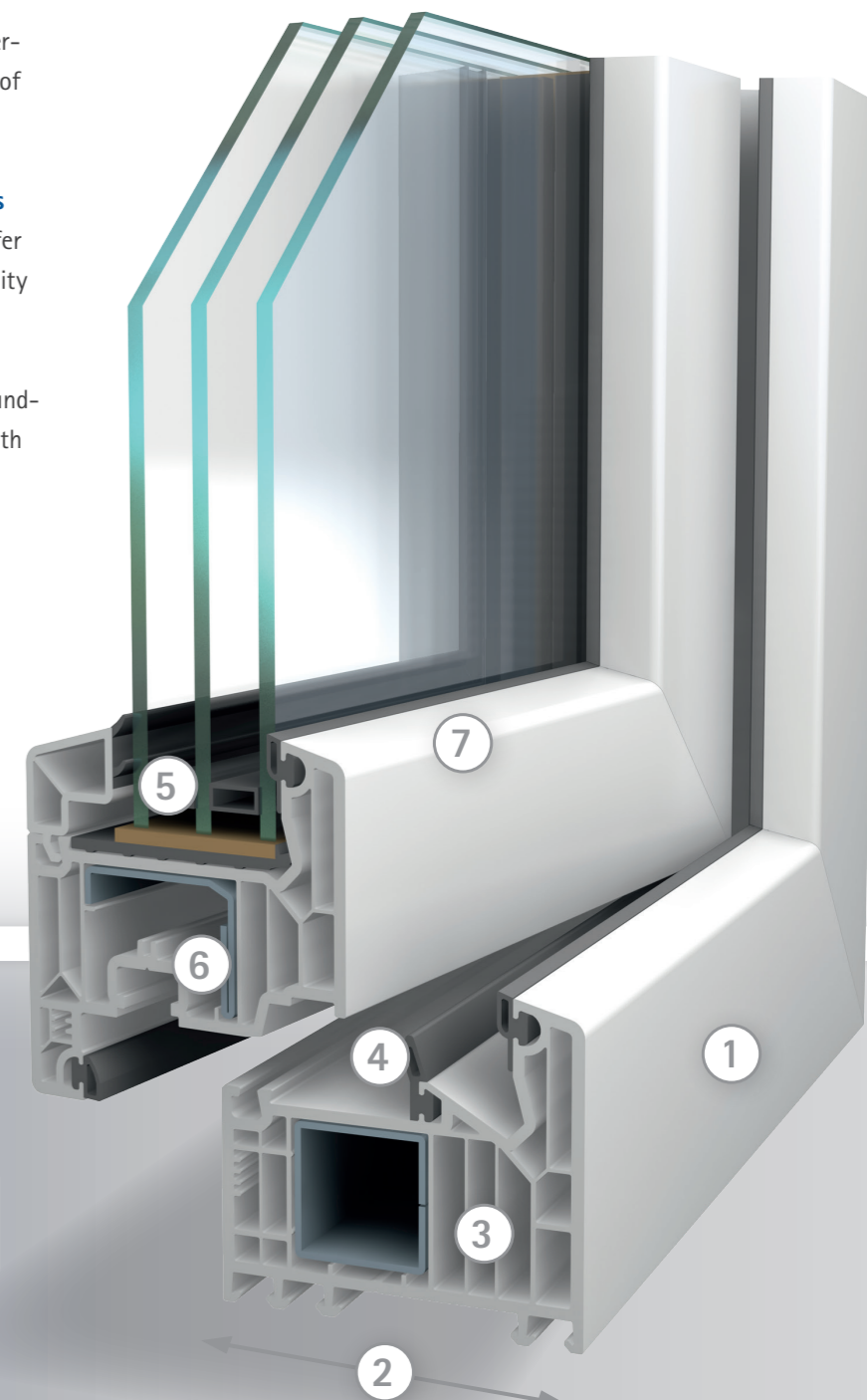
SOFTLINE 82 MD combines elegant visible surfaces with optimum efficiency in larger elements as well. Thanks to the system's excellent inherent stability and insulating properties, it is possible to create modern architecture with generous glazed areas while maintaining outstanding energy efficiency – for new construction and stylish energy-efficient refurbishment projects that are in tune with today's standards.



- ① **Top VEKA quality:** Class A profile in accordance with DIN EN 12608 with an outer wall thickness of 3 mm and 2.7 mm thick walls in the rebate and connection area (tolerance of ± 0.2 mm in each case)
- ③ **Highly insulating multi-chamber construction** for the highest energy efficiency and the best U_w thermal insulation values of up to $0.74 \text{ W}/(\text{m}^2\text{K})^*$
- ⑤ **The especially deep glass penetration** with a 28 mm glazing rebate for optimum isothermal properties helps to prevent, for example, the formation of unwelcome condensation on the inside
- ⑥ **Large, perfectly integrated steel reinforcements** play a major role in ensuring stability, load transfer and rigidity – for long-lasting operational reliability and powerful protection against burglary
- ⑦ **The classic design** with elegant forms, gently rounded edges and slim visible surfaces harmonises with any style of architecture

*with $U_f = 1,0 \text{ W}/(\text{m}^2\text{K})$, $U_g = 0,5 \text{ W}/(\text{m}^2\text{K})$, $\psi_g = 0,03 \text{ W}/(\text{mK})$

- ② **82 mm standard installation depth** – ideal for effective thermal insulation, may be used for any new construction or renovation
- ④ **Three seal levels** for outstanding impermeability to wind, the best protection against driving rain and effective sound insulation up to sound transmission class 5



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With **SOFTLINE 82 MD** you can count on the very best quality: VEKA systems are produced in Germany in the highest possible profile quality (Class A in accordance with DIN EN 12608) and outperform comparable products – by 14% in material utilisation, for example. In addition to long-term operational reliability and decades of living comfort, these thick profile walls also ensure:

Greater energy savings



Reduce your heating costs: the ingenious multi-chamber construction of SOFTLINE 82 profiles gives them a particularly low thermal transfer value and reduces your energy consumption.

Increased security



Depending on their position and accessibility, windows need to fulfil a number of different security requirements. Special fittings, security glazing and handles can be fitted according to customer requirements to make windows with SOFTLINE 82 profiles from VEKA burglary-resistant.

Outstanding home comfort



Create a comfortable atmosphere in your home: thanks to their deep glass penetration and reliable centre seal system, windows made with SOFTLINE 82 profiles ensure that condensation in the window rebate, annoying draughts, cold surfaces and unpleasant cold air in front of the windows will be a thing of the past.

A wide range of possibilities



Add a special touch: SOFTLINE 82 profiles are available in an incomparable variety of more than 60 colours and finishes. They can also be fitted with exterior aluminium panels anodised in the colour of your choice and refined with the unique VEKA SPECTRAL surface finish.

Perfect noise insulation



Make your home a place of well-being: noise exposure not only detracts from the comfort of your home – it can also damage your health. Even standard windows made with SOFTLINE 82 profiles from VEKA significantly reduce external noise and are upgradeable to conform to the best sound transmission class if required.

Valuable investment



Increase the value of your property: new windows made with SOFTLINE 82 profiles are a worthwhile investment, especially as their particularly smooth surfaces remain attractive for decades. They can be cleaned in no time at all and never need to be painted.

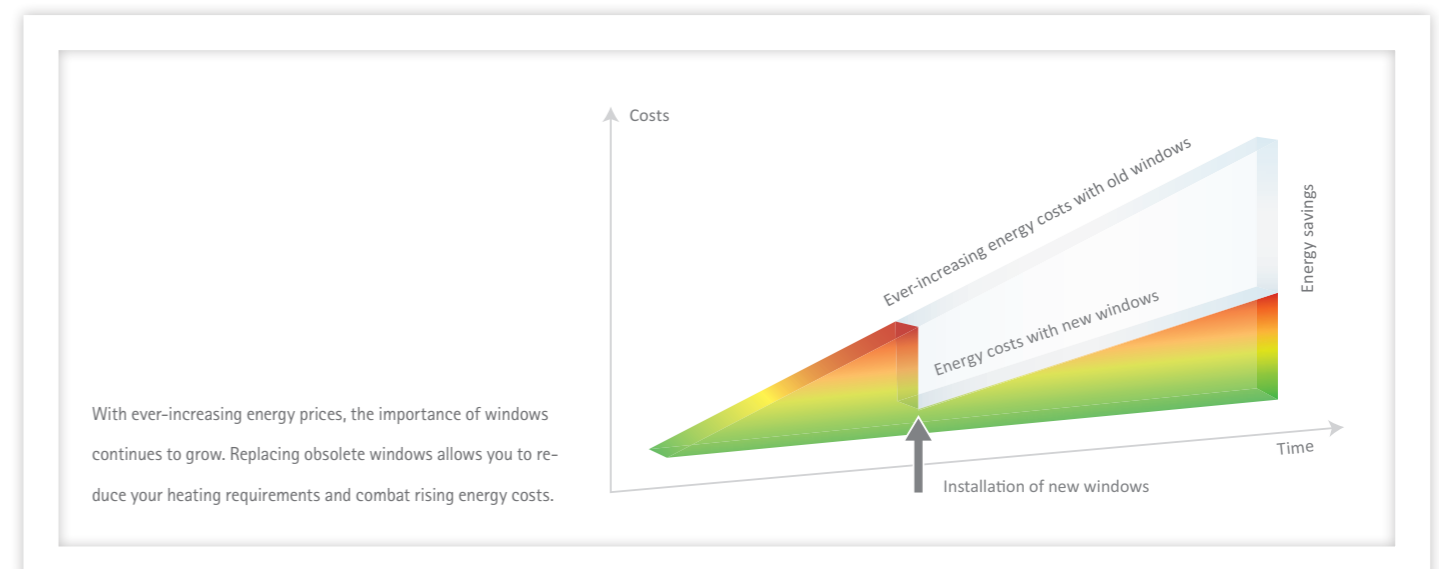
Class A quality from VEKA: top performance that lasts a lifetime



Modern PVC-U windows can achieve service lives of 30 years or more. This makes it even more important that the profile quality and workmanship of your new windows satisfy the very highest requirements.

With SOFTLINE 82 MD from VEKA you are putting your trust in an innovative, premium-quality window system manufactured in Germany whose excellent insulation values and outstand-

ing stability ensure its reliability far into the future. That is because the thick walls in accordance with Class A (DIN EN 12608), the highest European standard, result in windows with excellent durability that deliver decades of operational reliability. The ingenious multi-chamber construction results in optimum thermal insulation and reduces the energy consumption of your heating. This saves heating costs right from the start.



At a glance: the **SOFTLINE 82^{MD}** energy-saving system

Profile system

- 82 mm system with multi-chamber construction
- Outstanding insulation values for top-notch energy efficiency: suitable even for windows in low-energy buildings and passive houses
- Perfect for new construction or renovation
- Improved living comfort thanks to effective noise insulation
- Outstanding impermeability to driving rain protects against incoming moisture
- Protection against burglary according to DIN EN 1627, up to resistance class RC 2 with the corresponding fittings

Energy efficiency

- Effective thermal insulation in accordance with current and expected future legal requirements saves energy and heating costs while protecting investments over the long term
- Thermal insulation value of the profile system: up to $U_f = 1,0 \text{ W}/(\text{m}^2\text{K})$
- Thermal insulation value of the window element: up to $U_w = 0,74 \text{ W}/(\text{m}^2\text{K})$
[mit $U_f = 1,0 \text{ W}/(\text{m}^2\text{K})$, $U_g = 0,5 \text{ W}/(\text{m}^2\text{K})$, $\psi_g = 0,03 \text{ W}/(\text{mK})$]

Glazing rebate

- Glazing rebate of 28 mm for optimised temperature properties in the profile and for the prevention of condensation
- Large range of possible glazing thicknesses – from 24 mm to 52 mm in 2 mm intervals – makes it possible to select glazing for window and sash frames in accordance with requirements

VEKA quality

- VEKA quality made in Germany with wall thicknesses in accordance with DIN EN 12608, Class A
- Thick walls in both the outer areas and in the inner rebate and connection area, which is important structurally
- Additional stability thanks to steel reinforcements for outstanding durability and operational reliability
- Optimum U-values for effective thermal insulation even with large, attractive glazed areas that admit large amounts of light

Gasket system

- Three seal levels keep out noise, cold, damp and draughts
- Centre seal running around the window frame
- Optimally positioned thermoformed glazing seal in the sash for an attractive appearance with the largest possible glazed area
- High-quality seals in grey or black
- Also available as a rebate seal system

A wide range of designs

- Customised surfaces are available in more than 60 different colours and finishes and with exterior aluminium panels, as well as in the new VEKA SPECTRAL surface finish

Sustainability

- Environmentally friendly thanks to resource-conserving production processes
- SOFTLINE 82 MD profiles are nearly 100% recyclable

The VEKA partner near you:

