



## Stability and thermal insulation

SOFTLINE 82 satisfies the most demanding safety, insulation and functional requirements. Its thermally enhanced profile geometry makes it extremely effective as a heat barrier. Add to that the proven VEKA build quality with wall thicknesses

conforming to RAL Class A, and you have all the stability and innovation you need – making SOFTLINE 82 ideal for creating large, floor-to-ceiling solutions that meet the highest structural demands.

## Energy saver:

### SOFTLINE 82 advantages at a glance.

#### Profile specifications

- World class energy efficiency ideally suited for low-energy/passive house windows
- 82 mm system with multichamber profile geometry
- Wall thickness conforms to highest quality standard, RAL Class A (DIN EN 12608, Class A)
- VEKA quality for the best in rigidity, functionality and service life
- Proven steel reinforcements from decades of experience – conforming to VEKA Reinforcement Guidelines
- The perfect choice for new construction and refurbishments

#### Energy efficiency

- Efficient heat insulation that fulfils the current and foreseeable regulatory requirements saves energy and heating costs while protecting your investment
- Thermal performance of profiles:  $U_f = 1.0 \text{ W/(m}^2\text{K)}$
- Thermal performance of complete window after glazing e.g.
  - $U_w = 0.91 \text{ W/(m}^2\text{K)}$
  - if pane has  $U_g = 0.7 \text{ W/(m}^2\text{K)}$ ,  $\psi_g = 0.050 \text{ W/(mK)}$
  - $U_w = 0.67 \text{ W/(m}^2\text{K)}$
  - if pane has  $U_g = 0.4 \text{ W/(m}^2\text{K)}$ ,  $\psi_g = 0.035 \text{ W/(mK)}$

#### Sealing system

- Three sealing levels shield off noise, cold, damp and draughts
- Added centre seal inside the window frame
- High-quality gaskets in black or grey
- Also available with standard rebate seals

#### Glazing rebate

- 25 mm pane mounting depth for improved thermal properties
- Wide range of glazing options from 24 mm to 52 mm pane thickness enables utmost flexibility in creating individual stationary windows and casements

#### Creative possibilities

- Large surface finish choice of close to 50 different colours and decors, as well as aluminium caps

#### Sustainability

- Eco-friendly thanks to our resources preserving production process
- SOFTLINE 82 profiles are near-100% recyclable

### Let your window expert advise you

Trust is a vital part of any building or renovation project. Contracting reliable, experienced experts is the key to success. As your certified VEKA partner, we have all the

answers to any questions you might have about windows and doors. Put your trust in our expertise and state-of-the-art, quality-tested VEKA window technology.

## SOFTLINE 82



„Now our house saves soooo much energy!“



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# SOFTLINE 82



## The innovative VEKA profile system that's ready for the future



With heating costs on the rise, house owners are increasingly looking for energy saving solutions. Modern UPVC windows based on our new SOFTLINE 82 profile system improve the energy efficiency of just any building while offering ultimate comfort. The 82 mm installation depth, multichamber thermal insulation and advanced sealing have a tremendous impact on energy consumption – and make your house a

great place to live in any season. With wall thicknesses conforming to the highest German standard (RAL Class A), SOFTLINE 82 combines excellent thermal properties with extreme durability and safety. Its timeless design fits all architectural styles, from state-of-the-art new construction to refurbished old buildings.

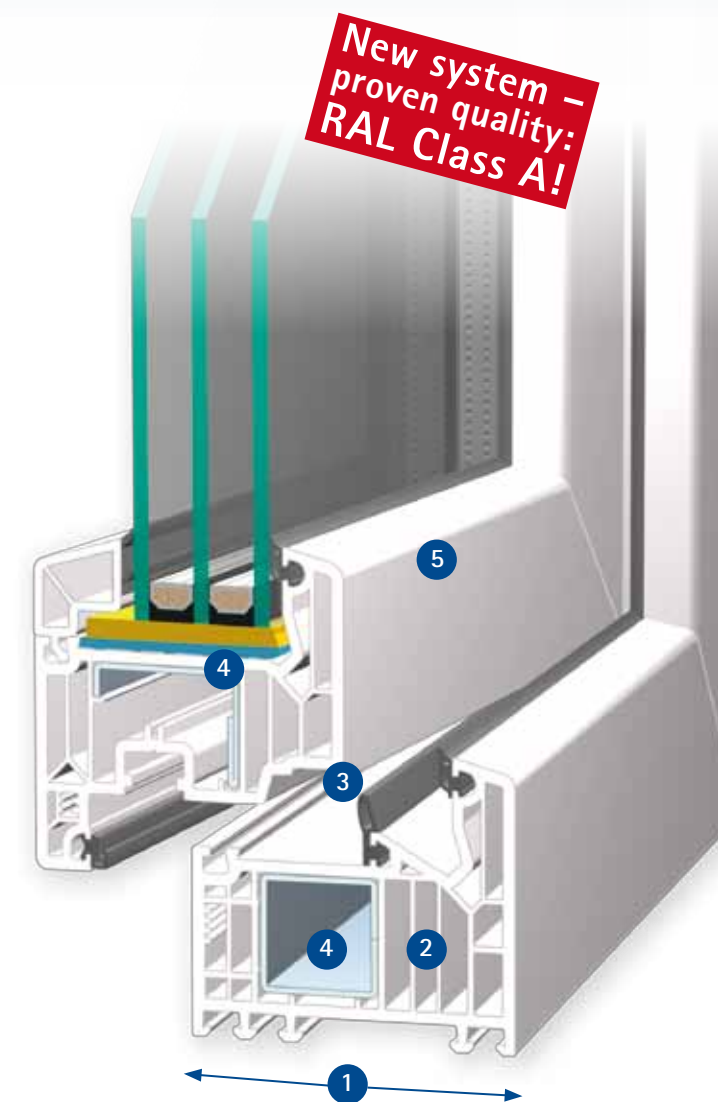
### Slim design, unique thermal performance



Even in very large windows, SOFTLINE 82 combines slender visible surfaces and excellent cost efficiency. The system's extraordinary rigidity and thermal insulation make it the perfect choice for realising modern designs with large glazed areas that are also highly energy efficient. This applies to new buildings as well as sophisticated refurbishment projects.

Available in a wide variety of colours and shapes, SOFTLINE 82 gives architects all the possibilities they wish for.

- 1 A basic installation depth of 82 mm makes the system universally suitable for new construction and refurbishments
- 2 Its excellent thermal insulation is achieved by a unique multichamber geometry, enabling  $U_w$  values of up to  $0.67 \text{ W}/(\text{m}^2\text{K})$
- 3 The high-performance sealing system with triple gaskets shields off noise, cold, damp and draughts
- 4 Proven steel reinforcements have the size and strength to guarantee safe functioning and burglar resistance
- 5 The classic design with its elegant lines and slightly rounded contours blends in with any architectural style



#### Save energy costs



The innovative multichamber technology of VEKA profiles keeps heat transfer at an absolute low. This means you need less heating, enabling you to save on energy costs.

#### Wide colour range



Coloured window frames and doors are a reflection of your individual style. With a portfolio of over 30 different colours and wood finishes, we offer individual solutions for every taste and house type.

#### Great comfort level



The excellent insulating properties of VEKA profiles help minimise temperature fluctuation in your living space, making your home even more comfortable. Their reliable sealings are a high-performance barrier against cold and draughts.

#### Best noise insulation



Noise exposure is more than just an annoyance – it can damage your health. Even standard windows made with VEKA profiles significantly reduce external noise, and are upgradeable to conform to the lowest sound transmission class.

#### Increase your safety



Depending on their position and accessibility, windows have to fulfil all kinds of security requirements. Special fittings, security glazing and handles can be added to make VEKA profiles even more burglar resistant.

#### Sustainable investment



New windows are a worthwhile investment and increase the value of your property. The durable surfaces of VEKA's high-quality profiles remain attractive for many years. They are easy to clean and never need to be painted.