

*Experience
top performance*



KBE 76 Central seal system



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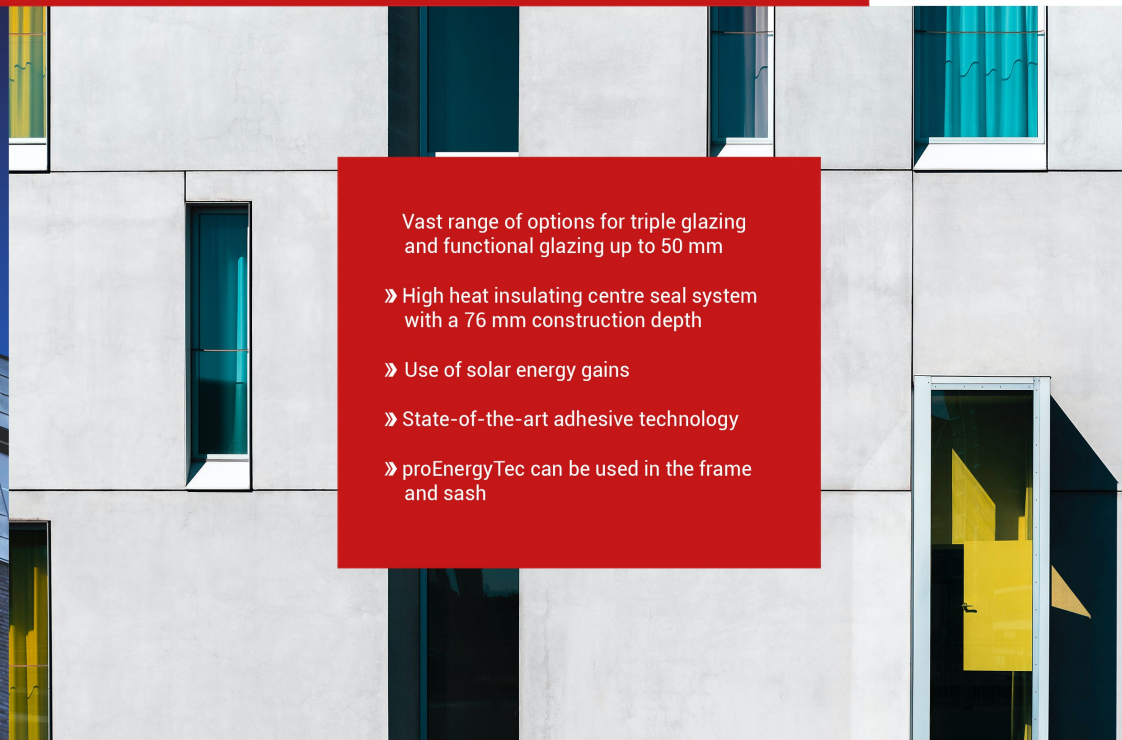
KBE is the leader

At KBE, high performance means individual solutions, a fast delivery service and technical innovations. Within the space of just a few years, the company has advanced to become a world leading provider of plastic windows.

To consolidate and develop this leading position, KBE regularly invests in modern production facilities, research and development and intelligent logistics.

The dynamism of this special company is evident in the latest generation of KBE profiles: KBE 76. The new system unites all the features that discerning building owners, architects and planners want today: optimised insulation, space for large window areas, plus elegant and forward looking design.

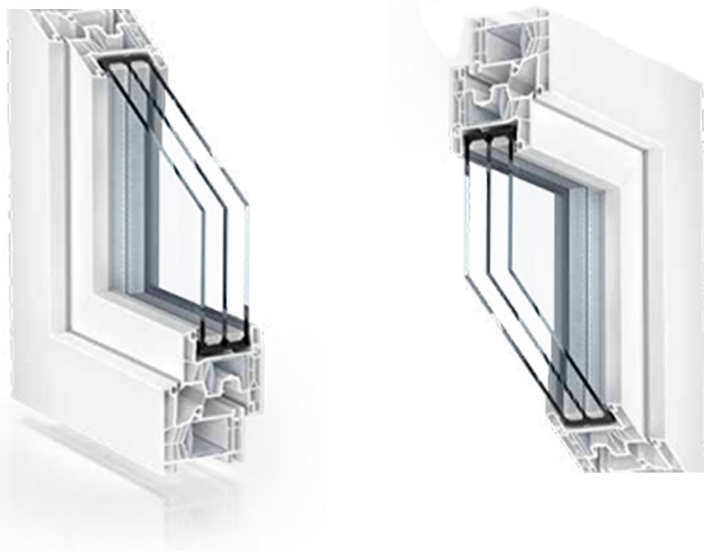
KBE 76 delivers optimum performance.



Vast range of options for triple glazing and functional glazing up to 50 mm

- » High heat insulating centre seal system with a 76 mm construction depth
- » Use of solar energy gains
- » State-of-the-art adhesive technology
- » proEnergyTec can be used in the frame and sash

High efficiency in energy savings: KBE 76



KBE 76 makes it easier and more convenient than ever before to achieve energy and heating cost savings. The new generation of windows can incorporate triple glazing and functional glazing up to a thickness of 50 mm. In other words: hardly any heating energy is lost through the glass. Yet the expansive glass surfaces allow valuable sunlight warmth to enter.

Enhancing quality of life: KBE 76

- » **Narrow profiles for maximum sunlight incidence**
- » **Solar energy gains reduce heating costs**
- » **Intelligent design for improved window stability**

KBE 76's large glass areas with modern glazing allow consumers to realise their dreams of light-flooded rooms. The new, narrow profiles deliver high static stability, resulting in a light yet energy efficient living environment. The large window areas make optimum use of sunlight and save heating costs, even when the outside temperature is cold.

Design a more beautiful, inviting and sunnier home. Or renovate your existing home with KBE 76.





Added security: KBE 76



Fantastic sound insulation

The volume of traffic is growing, we have more industrial estates and our environment is getting increasingly loud. With KBE 76, you can simply shut out loud noise, which can have a negative effect on health.

Innovative seal technology and sound insulating glazing are the solution.

Your home is quieter and more relaxed. Enjoy a sense of well-being in your home with KBE 76.

Innovative seals for optimised sound insulation

Optional integration of soundproof glazing



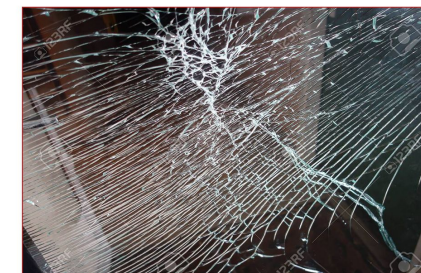
Effective intruder protection

Integration of safety glazing up to resistance class RC 2 (WK 2)

Use of anti-burglary fittings is possible

It is a proven fact that anti-burglary features in windows and doors deter intruders because they see them and realise that it will take them too long to break into the building.

That's why KBE 76 offers numerous anti-burglary features to enhance the security of your window, balcony and patio doors. This innovative system is ideal for the integration of anti-burglary fittings and safety glazing.

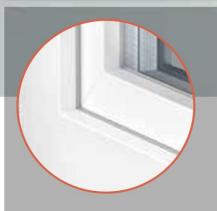




Powerful colors KBE 76

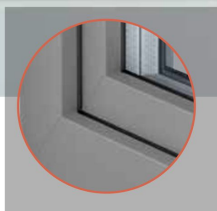
Great creative freedom

Building owners, architects and planners will be thrilled by the colour possibilities with KBE 76. Whether new buildings or renovations - KBE 76 gives architecture a unique character with its numerous colours and surface structures. The surface technology proCoverTec represents a special innovation. This new and unique coating combines functionality with durability and aesthetics.



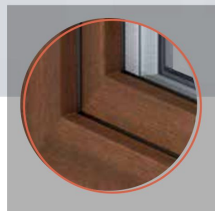
Classical white

Timeless white of enduring beauty because the quality PVC-U of KBE 76 is extremely weather resistant, retaining its smooth, glossy surface. It is also easy to clean.



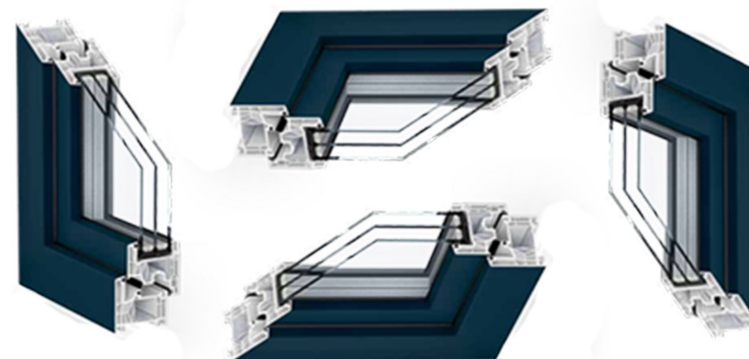
Plain colours for laminations

This lamination brings colour into play. The surface is extremely weather resistant and easy to clean.



Woodgrains for laminations

The woodgrain lamination unites the natural look with the advantages of robust PVC-U. The regular paintwork usual for wooden profiles is no longer necessary, and your house receives an accentuated farmhouse style.



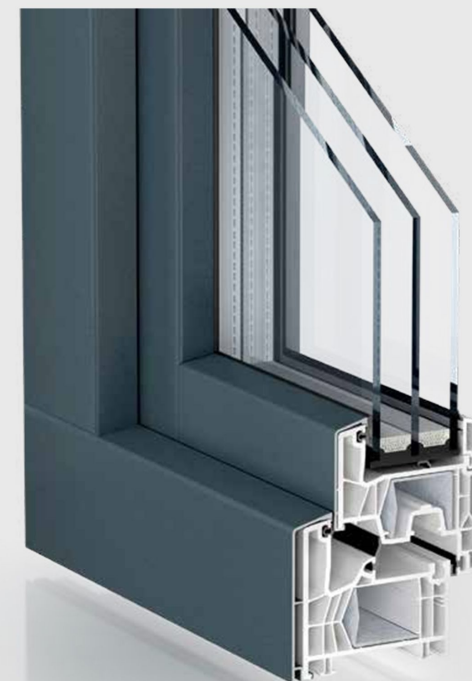


Optimum teamwork: KBE 76

Plastic and aluminium – KBE 76 unites the advantages of both materials in an innovative window system. The aluminium shell delivers weather resistance and a comprehensive range of colour options. The plastic profile on the finished window delivers optimum heat and sound insulation.



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AluClip

The aluminium facing shell for KBE 76 gives you the best of both worlds: elegant aluminium design in a practically unlimited range of colours, plus the optimum insulation values of a modern plastic profile system.



AluClip Pro

The AluClip Pro has an aluminium profile connected to a plastic profile. The aluminium performs the static function so no steel reinforcement is necessary inside the window casement. The reinforcement chamber is filled with proEnergyTec foam. The additionally insulated profiles guarantee extraordinarily high heat insulation.



AddOn

The aluminium interconnecting frame not only boasts modern design, it also has an optional integrated privacy and sun protection elements. The additional glass pane also improves its heat and noise insulation properties.

Stable doors:

KBE 76

Welcome! Your guests will be impressed by your new

KBE 76 door. It also perfectly blends in with your home's overall appearance because you can use the same system for your front door, balcony door, patio door and parallel slide-tilt doors.

KBE 76 is distinguished by its excellent heat and sound insulation values, plus effective protection against the elements and impact rain.

Front doors, balcony and patio doors, parallel slide-and-tilt doors

Perfect rain and wind protection

High heat insulation as a result of the thermally separated threshold

**Maximum sash sizes:
single sash door 1200 x 2400 mm
secondary sash door 1000 x 2400 mm**

Excellent intrusion protection – up to resistance class RC 2 (WK 2)

Excellent tightness as a result of the double threshold seal

Use of special functional glazing or conventional panels





Top heat insulation

The insulating chambers and the foam-filled proEnergyTec version guarantee excellent heat insulation.



Top convenience in operation

Optimised for modern fittings, all opening types are possible for simple everyday opening and closing.



Top ventilation

The use of optionally integrated ventilation systems ensures an optimum indoor climate and prevents mould from forming.



Top design

Narrow profiles allow for expansive transparent glass surfaces. There is also a comprehensive selection of foils and combinations of coated aluminium for individual design.



Top sound insulation

In combination with high quality functional glazing, the KBE 76 system delivers optimum noise protection.



Top intruder protection

The window profiles are designed for use of special safety fittings and additional burglary-protection measures.



Top tightness

The innovative seal levels keep out draughts, dust and rain, and ensure a pleasant indoor climate.



Top on care

The high quality surfaces are weather resistant and easy to clean.



Top stability

Perfect steel reinforcement positioning and steel supports ensure perfect window statics. Adhesive-fitted glazing includes the three components of »sash - adhesive - glass« in a composite structure.



Top depth: 76 mm

The window profile's low construction depth doesn't just enhance the appearance of a new building, it is also perfect for renovation projects with complex architectural and energy-related requirements.



Top value for money

High quality, first-rate eco-friendly plastics and lasting convenience of operation permanently add to the value of your property.



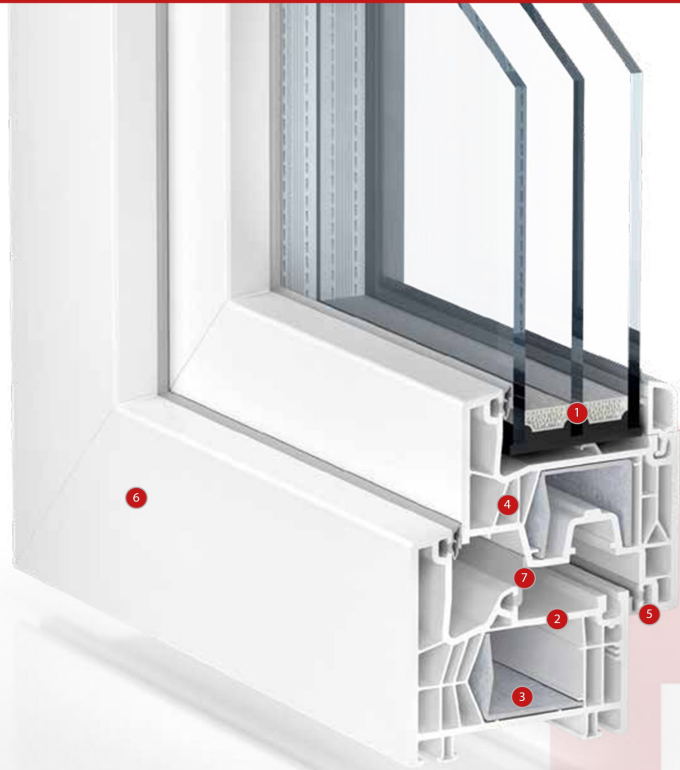
Impressive performance: KBE 76

KBE 76's biggest strength is the sum of its advantages. This modern plastic window system meets all present and future requirements.

- Optimised material usage
- Lead-free, eco-friendly stabilisers
- Professional recycling
- Lasting contribution to CO2 reduction because you use less energy as a result of high heat insulation



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A system with a future: KBE 76

KBE 76 is a universal window system that flexibly adapts to individual requirements and budgets. However, it isn't just the comprehensive range of options that make KBE 76 so attractive, but also its state-of-the-art technology.

The innovative design permits the installation of triple glazing with modern insulation glass, despite the profile being relatively narrow. And intelligent mounting techniques ensure that the replacement of an old window with a new modern KBE 76 window is a clean and quick process.

1

» Perfect heat insulation

KBE 76 already achieves a heat insulation value of $U_f = 1.1 \text{ W/(m}^2\text{K)}$ with standard windows.



5

» Reliable function

The load bearing fittings are screwed together via several cross profiles, special lugs and the steel reinforcement.



2

» Versatile and clean installation

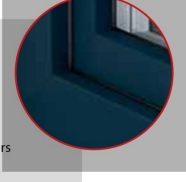
KBE 76 windows are suitable for all current installation situations. Screws can be inserted through the steel, through a dowel chamber adapter or with the help of an anchor for variable, fast and clean installation.



6

» Versatile design

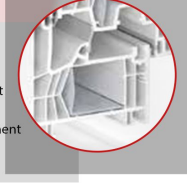
The KBE 76 system offers numerous customisation options, such as a range of foil colours or modern aluminium facing shells which can be coated in all RAL colours or with special effect coatings.



3

» High dimensional stability

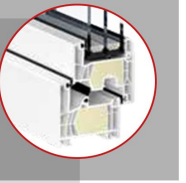
The centrally arranged steel reinforcement ensures maximum dimensional stability. Special supports hold the steel reinforcement in the right position.



7

» proEnergyTec

This technology achieves the highest possible heat insulation values because the reinforcement chamber is foam filled, which eliminates the need for steel reinforcement inside the sash and/or frame.



4

» State-of-the-art chamber design

The chambers are designed on the basis of the most modern calculation methods to ensure high heat and sound insulating properties, plus optimum profile stability and the strength to hold heavy glazing.



Redefined *endurance* **KBE 76**

KBE 76 is durable. As a result, buying new windows and doors isn't just a good investment, you also get to enjoy their optimum function and perfect design for many years to come. The high quality of KBE 76 makes it excellent value for your money.

You also generate lasting value with KBE 76. Its timeless elegance and sustainable design reflects your acceptance of responsibility for future generations.

» Impressive cost and energy savings as a result of optimised heat insulation

» Enhanced quality of life through perfect sound insulation

» More security through integratable intruder protection features

» Easy-care, robust and weatherproof surfaces

» Retains value due to durability and excellent quality

» State-of-the-art technology for excellent ease of operation and reliable function



Experience



Expertise



Trust

Sevgrad d.o.o. is a construction and architecture company. One of our primary products is high quality PVC joinery.

We guarantee high quality product, fully technical preparation and all other specifications.

For your market we prepare a KBE 76, which include six-chamber profile with three diffusers and three layer of glass (type of glass depends of customer's request). KBE 76 is highest quality system for the market of Belgium and the Netherlands. We guarantee that KBE 76 is the best, the longest and the most economical system for PVC joinery for the northern European market.



Profine BH
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