

DELIVERING UNRIVALLED PERFORMANCE AND STYLE

Kömmerling 76

AREN'T ALL WINDOWS THE SAME?

AT FIRST GLANCE, PVCU WINDOWS AND WINDOW PROFILES LOOK VERY SIMILAR. HOWEVER, ON FURTHER INSPECTION, YOU'LL SOON COME TO DISCOVER THAT THEIR QUALITY CHARACTERISTICS CAN DIFFER CONSIDERABLY. KÖMMERLING, AS A WINDOW SYSTEMS MANUFACTURER, ENJOYS AN UNRIVALLED GLOBAL REPUTATION FOR OUR HIGH QUALITY PRODUCTS AND ADVANCED TECHNOLOGIES AND WAS FOUNDED BACK IN 1897 BY KARL KÖMMERLING.

In the first years of our long history, the KÖMMERLING company manufactured adhesives and synthetic rubber. In 1957, we began producing PVCu roller shutters before moving into the PVCu window market in 1967. Over the following decades, our business continued to evolve, and we are now one of the window industry's leading manufacturers.

The latest generation of the KÖMMERLING 76 system benefits from our comprehensive expertise as well as extensive research and development, state-of-the-art CAD and 3D modelling, robust testing and £millions of ongoing investment. It sets unique standards of performance in a PVCu window and fully embodies our commitment to offering best-in-class products to our customers.



WHY DOES LIGHT MAKE US HAPPY?

LIGHT IS ESSENTIAL TO HUMAN SURVIVAL. IT MAKES US FEEL HAPPY AND ENHANCES OUR SENSE OF GENERAL WELLBEING. THAT'S WHY A WELL-LIT AND INVITING INTERIOR IS AN IMPORTANT ASPECT OF AN IDEAL LIVING ENVIRONMENT. OUR KÖMMERLING 76 WINDOW AND DOOR SYSTEM HELPS YOU TO FULFIL YOUR NEED FOR A LIGHT ENRICHED LIVING ENVIRONMENT WITH A WELL VENTILATED ATMOSPHERE.

Innovative profile technologies make it possible to manufacture windows with larger panes and greater rigidity from state-of-the-art functional glass. It also makes optimum use of sunlight to reduce heating costs, even when the outdoor temperature is cold. These windows and doors maximise interior sunlight levels and ensure that your new or renovated home will light up your life.

- > Intelligent profile design for optimised window performance.
- > Increased depth to 76 mm offers better energy efficiency.
- > Narrow sightlines maximise light transmission.



SO HEAT CAN GET IN, BUT NOT OUT?

SAVING ENERGY MAKES SENSE. IT PUTS EXTRA MONEY IN YOUR POCKET AND IS GOOD FOR THE ENVIRONMENT. IDEALLY, ENERGY SAVING SHOULD BE SIMPLE, FUN AND CONVENIENT.

KÖMMERLING 76 is a brand new generation of PVCu window that ticks all the boxes. Not only do they offer unrivalled energy efficiency characteristics, but they also have beautifully elegant aesthetics in the flush sash, casement and tilt and turn designs.

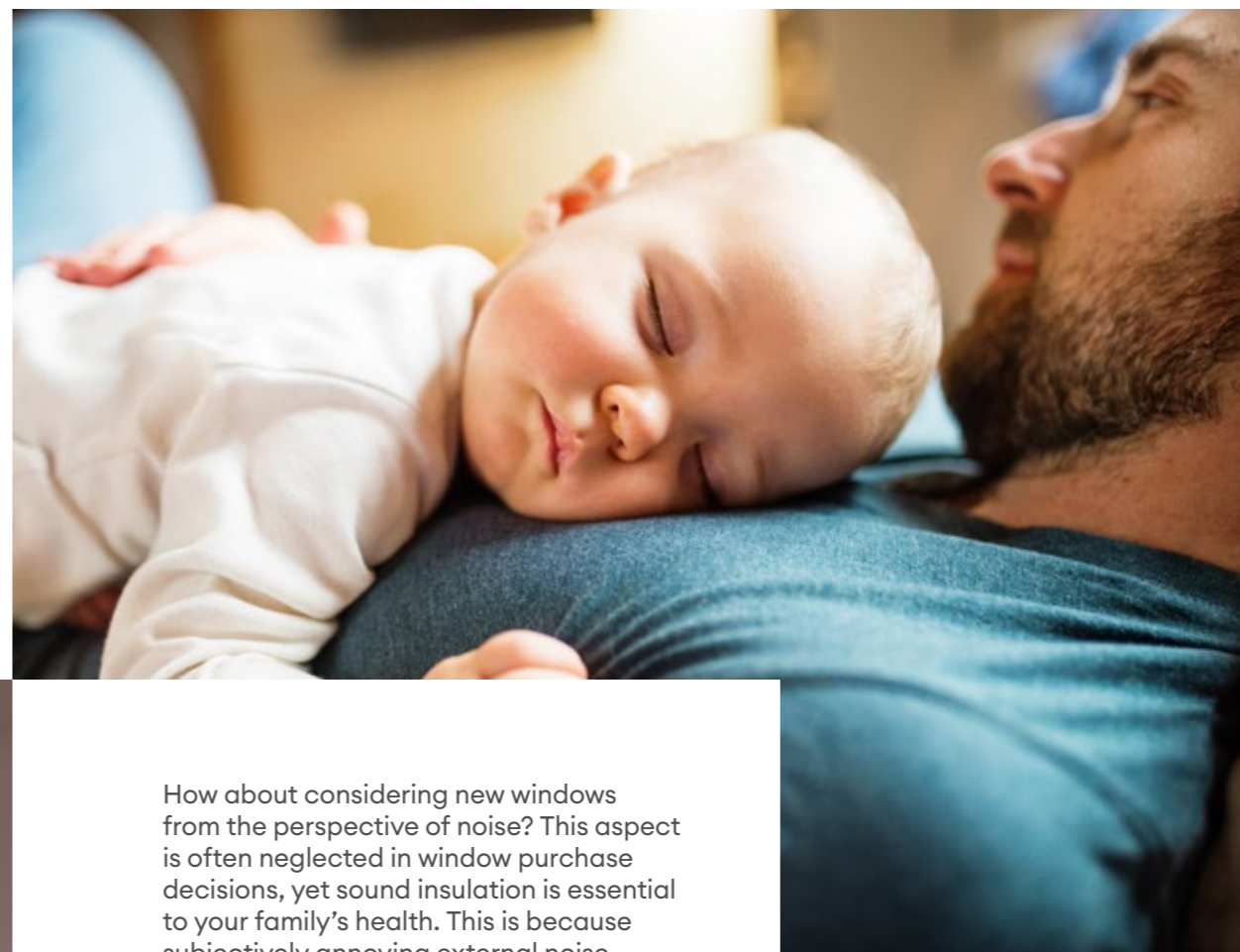
Three aspects play an important role in window heat insulation – the profile's heat insulating properties, the insulating glass with edge sealant and the wall fixings. In our tilt and turn variant, we can even harness the properties of our upgraded and re-engineered profiles to achieve Passive House standards.

KÖMMERLING 76 can also integrate modern triple glazing or special functional glass in thicknesses of up to 48 mm. This prevents the loss of valuable heating energy, plus the large window panes allow the sun's warmth into the room or this can be blocked depending upon glass specification. Ultimately, KÖMMERLING 76 offers far better levels of energy efficiency than typical 70 mm windows.



WHAT DO YOU NEED FOR A QUIET AND SAFE HOME?

KÖMMERLING 76. THE SOUNDPROOF WINDOW.



How about considering new windows from the perspective of noise? This aspect is often neglected in window purchase decisions, yet sound insulation is essential to your family's health. This is because subjectively annoying external noise can be a source of stress, distraction and disruption to your daily life.

KÖMMERLING 76 protects you and your family from noise pollution. Its innovative profile sealing technology in conjunction with sound-insulating glazing, ensures a peaceful and quiet living environment, even when you live close to a busy road. Compared with other 70 mm windows, it also offers better sound reduction characteristics.

- > Application for effective sound insulating glass.
- > Optimum sound insulation up to 48 dB with innovative seals.



FLUSH SASH WINDOW

WHERE MODERN MEETS TRADITIONAL.

With the Kömmerring 76 Flush Sash range you enjoy all the advantages of high performance PVCu windows but in a design that retains the charm and detailing of yesteryear. They are packed, inside and out, with heritage features and are available in a range of period inspired colours and with traditional window furniture such as teardrop or monkey tail window handles.

Other features include traditional butt hinges and a dedicated face fix Georgian bar. Thanks to an optional centre seal this window offers outstanding performance credentials against 70 mm flush sash heritage windows.

- > Traditional colours include White and the period inspired foiled finishes of White Ash, Cream White, Chartwell Green and Agate Grey.
- > The 76 mm platform with 6 chambers offers better thermal and sound reduction properties than a 70 mm window. A U-value of 1.2 W/(m²K) can be achieved.
- > Unique centre seal option offers outstanding weathering against wind and rain.
- > Windows can be either welded or mechanically jointed to create a traditional timber appearance.



CONTEMPORARY APPEAL

Thanks to the impressive design freedom offered by KÖMMERLING 76, it is equally suited for use on properties where a more contemporary look is required. Windows are available in Anthracite Grey and other highly popular, on-trend colours. These colours can be combined with a neutral white on the inside and with chrome or brushed stainless steel window hardware to make the ultimate modern style statement on any home.

The system can also accommodate the growing shift towards larger openings and areas of glass. Plus, the option of large side openers and fixed lights enables you to enjoy perfect window symmetry and the optimum passage of light.

In short, with KÖMMERLING 76 you can achieve windows with perfect architectural appeal, regardless of your property type or its location.



Traditional and modern glazing bead options from 24 mm to 48 mm as standard in this exciting new product platform.

KÖMMERLING 76 has also been designed to cater for triple glazing where required.

Overall window design makes for a balanced window with better load distribution.



CASEMENT WINDOW

AN OPENING TO THE WORLD OUTSIDE.

KÖMMERLING 76 casement windows offer unrivalled weather resistance, and thermal and acoustic performance. In fact, their next generation design enables them to offer a U-value of just 1.2 W/(m²K) double glazed and 0.78 W/(m²K) triple glazed. It also complies with recent Building Regulations for new and replacement windows and doors, which were introduced in 2022.

KÖMMERLING 76 casement windows, like the system's flush sash windows, are ideal for large openings and areas of glazing. They can also feature dummy sashes for a period feel. These dummy sashes entail having a larger opening window at the top and a smaller lower fixed pane so that they are equal in size. This gives them the look of a more traditional sash window.



The new 6 chambered design with other clever engineered features is twice that of some other PVCu systems, providing better thermal and acoustic performance, with a U-value of 1.2 W/(m²k).

The lip of the opening sash provides additional cover for outstanding weathering credentials.

Window hardware options are wide and varied, from the contemporary to the more traditional.





A WINDOW THAT TILTS AND TURNS

DEVELOPED BY THE EUROPEAN EXPERTS.

KÖMMERLING is a market leader for tilt and turn windows and our expertise has been honed serving the needs of homeowner across continental Europe where the vast majority of PVCu windows are based on this format. Part of the reason for this widespread popularity is the ability of tilt and turn windows to be cleaned from inside a property and to be opened to provide ventilation but without compromising on home security.

Using our in-depth knowledge, we have developed a tilt and turn range that makes widespread use of cutting-edge technologies. This includes the option of our upgraded and re-engineered profiles for Passive House applications and our pioneering proCoverTec surface finish. This gives you a choice of over 22 different colours and 4 metallic finishes either on a single face or all the way through the glazing rebate and on all visible surfaces.

Our KÖMMERLING 76 tilt and turn window is also available as an aluminium / PVCu hybrid which offers stunning architectural appeal.



RESIDENTIAL, FRENCH, BALCONY AND LIFT AND SLIDE DOORS

KÖMMERLING 76 isn't just our most innovative system. It's also our most comprehensive. Windows can be paired with a choice of complementary and equally high performance doors to suit any size opening, no matter how large or compact.

Whatever your preferences, KÖMMERLING 76 lets you design windows and doors around your individual requirements and tastes as well as to suit your property's unique aesthetics and character. Options include high security residential doors with foiled double glazing for increased protection, outward opening French doors and inward opening balcony doors. There is also the option to harness our large span lift and slide doors, which are capable of opening up to 6.5m wide.

- > Front doors, balcony and patio doors, French doors and lift and slide doors with KÖMMERLING 76.
- > Excellent intrusion protection certified to PAS 24 standards and with the option of 3 Star anti-snap lock cylinders.
- > Maximum steel reinforcement and weldable corner joints for high stability.
- > Maximum sash sizes for a front door single leaf of 1200 x 2400 mm. Use of special functional glazing or conventional door glazing up to 48 mm.
- > Excellent tightness through double threshold seal.
- > Perfect rain and wind protection.
- > High heat insulation.
- > Vast range of design options in a comprehensive selection of colours, textured surfaces and elegant external AluClip aluminium variants.



INSPIRING COLOURS AND RICH WOODGRAINS



Windows are decisive in giving your home a unique and unmistakable character. As well as their size and shape, their colour, in particular, and the materials they employ all have a major impact.

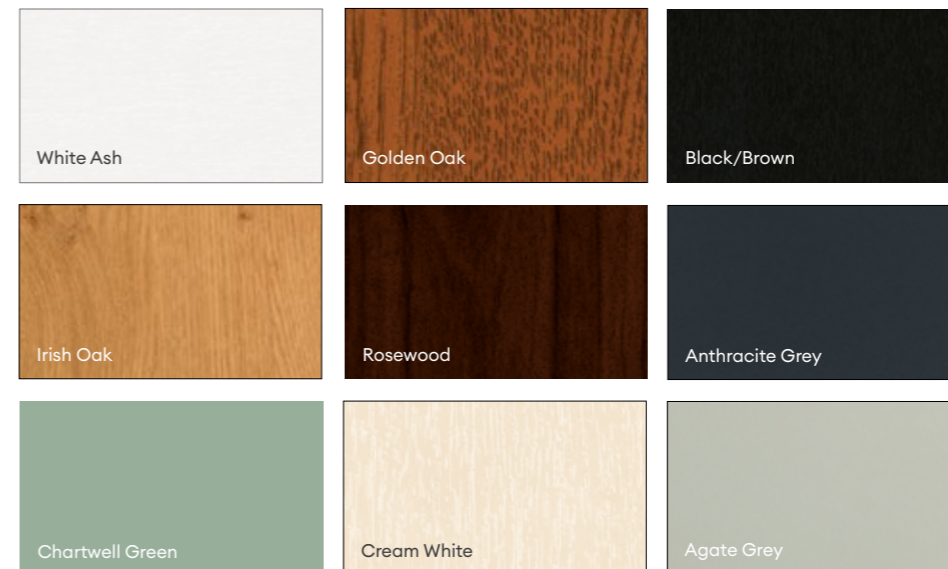
KÖMMERLING 76 is your key to a playground of huge design potential. This universal system offers an unrivalled number of finishes, whether for new buildings or as a solution matching the style of renovated historical buildings. Specifically, architects, local design partners and installers find this system offers them the enormous design freedom they need to suit the look of any property.

FIND YOUR PERFECT COLOUR AND FINISH

GONE ARE THE DAYS WHEN YOU COULD HAVE ANY COLOUR OF PVCu WINDOW YOU LIKE, SO LONG AS IT'S WHITE. THE KÖMMERLING 76 SYSTEM OFFERS YOU A WHOLE WORLD OF COLOUR CHOICES AND FINISHES - FROM THE TRADITIONAL TO THE CONTEMPORARY. FROM THE BOLD TO THE UNDERSTATED. AND EVERYTHING IN-BETWEEN.



STANDARD COLOUR FINISHES



Above is just a selection of colours available. For further information on our non-standard range of colours with over 65 options to choose from, speak to your chosen window or door supplier.

A WINDOW TO A BETTER WORLD...

IF A PRODUCT IS AESTHETICALLY APPEALING AND HIGH PERFORMING, DOES IT MATTER HOW IT IS MADE? AT KÖMMERLING, WE THINK IT DOES.

We don't believe that beautiful windows and doors should come at the expense of our even more beautiful planet. That's why a commitment to the environment, and to society as a whole, underpins everything we do.

Reflecting this, we were one of the first manufacturers of PVCu windows and doors to replace lead-based stabilisers in our profiles with non-toxic, more environmentally friendly calcium zinc-based alternatives.

We were also a founding member of an industry-wide project to recycle PVCu window and door waste into new windows and doors as well as the first company in the market to obtain 'Zero Pellet Loss' certification. This initiative helps to keep plastic out of the world's oceans and other environments.


The "KÖMMERLING Better World Stiftung" foundation, meanwhile, is our own not-for-profit charitable organisation. It raises money for a wide range of equally worthwhile causes including the care of the elderly, cancer research and children's homes.



#KömmerlingForTomorrow

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supplier of Kömmerling 76,
call us on **01623 579200**.

www.kommerling.co.uk

 **@kommerling_uk**
 **KommerlingUK**
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Kömmerling is a brand of the profine Group.

profine UK Ltd.
Common Road
Huthwaite
Nottinghamshire
NG17 6AD
enquiries@profine-group.com