



Kömmerling®

TODAY FOR TOMORROW



FOR THE BEST OUTLOOK –
TODAY AND TOMORROW

Our path: Sustainability

WINDOWS ARE OUR CRAFT. SUSTAINABILITY OUR MISSION:

For us, sustainability is not just an empty word, but a lived reality. At Kömmerling, we demonstrate this commitment every day. Through our product portfolio, our technologies, our working environment. We think and act holistically. Or to put it another way: We consider the ecological, social AND economic aspects of everything we do.

Our products and manufacturing methods are designed to help protect the environment. For instance, by reducing emissions, making careful and efficient use of resources and adopting a targeted approach to recycling. We have even developed a process that uses old window components to produce new windows for a truly circular loop of materials!

SUSTAINABLE FOR HUMANKIND AND THE NATURAL WORLD

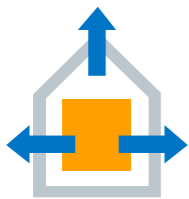
We take our responsibility to society and humanity in general very seriously. That's why we place such importance on a fair, cooperative approach on an equal footing, be it with our customers, colleagues or business partners. It is this combination of values that sets the Kömmerling philosophy apart. Simply sustainable, fair, responsible.



Peter Mrosik

Dr. Peter Mrosik
Owner and CEO

MILESTONES IN SUSTAINABILITY AND ENERGY EFFICIENCY:



1977

1. German thermal insulation regulations [WSchV]



2002

German Energy Savings Act [EnEV]



2020

German Buildings Energy Act [GEG]



2045

Climate Change Act
Greenhouse gas neutrality





WE SET NEW STANDARDS

With eco-friendly raw materials...

Sustainability starts at the very beginning – with the raw materials. A good example of this is our greenline uPVC for window profiles: Thanks to this, we have been abstaining from all lead-based stabilisers in the virgin material for almost two decades. Instead, we use an environmentally friendly calcium-zinc basis. What does that mean in practice? Each year, we save 6500 tonnes of lead – a toxic and non-biodegradable heavy metal. That is the equivalent of more than 160 lorry loads.

AT A GLANCE:

- > **Eco-friendly stabilisers from calcium-zinc basis for our uPVC**
- > **Use of recycled material: Maintaining a closed-loop material cycle without compromising on quality**



...and sustainable production

We consider the entire life cycle of windows to ensure that every stage of production is respectful of the environment. From the selection of raw materials to production methods, from packaging through to recycling.

That's why our engineers are always developing new generations of products, with intelligent chamber which need the minimum amount of material and offer ever better technical properties. For example, with intelligent chamber systems and static design features for products that protect resources while also being extremely competitive.

SUSTAINABLE SOLUTIONS

At Kömmerling, we are committed to sustainable solutions in a bid to tackle plastic pollution in the oceans. We are also pioneers in our field: We were the first company in the windows sector to receive the "Zero Pellet Loss" certification. This seal of approval certifies we strive to prevent pellet loss throughout the entire delivery chain.



The VinylPlus® Product Label is the sustainability seal for PVC building products. We are part of the VinylPlus® initiative that, among other things, promotes responsible management of energy and resources as well as sustainable recycling methods. This is another sign of our commitment to the environment.



ENERGY EFFICIENCY FROM EXCELLENCE

Windows with thermal insulation guarantee

Window solutions have an indispensable role, for example in ensuring passive houses meet the necessary thermal insulation and energy efficiency standards. This is why premium windows from Kömmerling are a great choice for passive houses: Our hi-tech solutions have a significant impact on minimising energy consumption, lowering heating costs and even in the standard design, some are suitable for use in passive houses. What's more, our high thermal insulation windows ensure that fewer harmful greenhouse gases are released into the air. An outlook that makes everyone feel good!

SAVING MILLIONS OF KILOGRAMS CO₂

Our profiles are turned into around 15 million window units each year. With outstanding thermal insulation properties, these windows save millions of litres of heating oil and stop hundreds of thousands of tonnes of CO₂ from entering the atmosphere. This relieves forests over a huge area. A welcome change for the natural world, the environment – and future generations.



FOR OUR BENEFIT AND THE PLANET'S: SYSTEMATIC RECYCLING

A uPVC window has a service life of at least 40 years and can be recycled eight times. When it comes to recycling windows, we have developed intelligent technologies incorporating our extensive expertise in materials and production techniques. The principle: We process the uPVC profiles of old windows into pellets, which are then combined with virgin material to produce new windows. This ensures a high level of resource efficiency. And what exactly does that mean? For every kilogram of recycled PVC we use, two kilograms of CO₂ is saved. It's a figure we are very proud of.

ONE STEP AHEAD WITH RECYCLING

We are entering uncharted ecological territory with ReFrame: In a true first, we are producing window profiles from 100% recycled PVC material, which also stand out for their exceptional quality. Australian ReKönvert recycling program ensures that waste uPVC window profiles can be recycled for the manufacture of new uPVC products.



OUR PROMISE TO YOU AND THE ENVIRONMENT

- > uPVC materials accrued during window production and old uPVC windows are collected and returned to our manufacturing facilities
- > In our company, we condition the uPVC recycled materials and old PVC windows and use them to produce new window profiles
- > Only high-quality and precision-controlled recycled material is used for our window profiles

OUR COMMITMENT: ACTIONS, IDEAS AND INSPIRATION

Commitment to the environment and social responsibility – we see this as our mission, and one that we live up to day in, day out. An integral element of this is the foundation Kömmerling Better World Stiftung, through which we set out to help overcome some of the biggest challenges facing our times. Through this foundation, we are involved in charitable projects and initiatives that go some way to helping make the world a better place. How exactly does that take shape? This takes the form of donating to carefully chosen causes, funding social projects, a humanitarian relief campaign for Ukraine and much more besides. Watch this space for more developments.

www.koemmerling-better-world.de



We are a founding member of Germany's nationwide recycling initiative Rewindo. As part of the initiative, we guarantee that old uPVC windows are reused in a closed loop.



#KömmerlingForTomorrow

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www.koemmerling.com.au

