



**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 striving to reduce emissions, making careful and efficient use of resources and adopting a targeted approach to recycling. We have even established 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

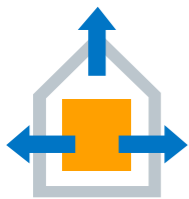
We take our responsibility to society and humanity in general very seriously. That's why we place such importance on a fair, cooperative approach on an equal footing, be it with our customers, colleagues or business partners. It is this combination of values that sets the Kömmerling philosophy apart.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

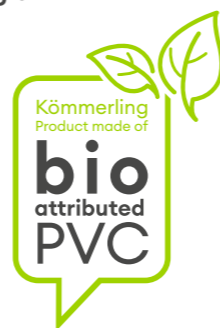
With our raw materials...

Sustainability starts at the very beginning – with the raw materials. A good example of this is our greenline PVC-U for window profiles: Thanks to this, we have been abstaining from all lead-based stabilisers in the PVC-U virgin material for about two decades.

In addition to our consistent use of recycled materials, we also use bio-attributed PVC. This material is made from ethylene which is not based on petroleum, but on tall oil, a by-product from the pulp industry.

- > **Stabilisers from calcium-zinc basis for our PVC-U.**
- > **Use of recycled material: Maintaining a closed-loop material cycle without compromising on quality.**
- > **Bio-attributed PVC based on sustainable tall oil\* – fossil raw materials are replaced by a renewable alternative.**

*\* By-product from the pulp industry*



## ...and our 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 as possible 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.



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.

### QUALITY MADE IN GERMANY

Sustainability also shapes our entire production environment. All window systems for the domestic market are produced exclusively in our German plants. Not only does this create jobs in the country, but it also reduces transport distances and makes logistics leaner.

### SUSTAINABLE VALUE CHAIN

We are consistently switching to more environmentally friendly electric sideloaders in our factories. At our largest location, for example, we are thus already saving 700 tons of CO<sub>2</sub> per year.

Our own state-of-the-art recycling plants enable us to optimally process material supplied from old windows in order to reuse it together with virgin material to produce high-quality window profiles.

And our sister company profine Energy is building solar parks internationally, which enable us to supply our factories with sustainable electricity.



# ENERGY EFFICIENCY FROM EXCELLENCE

## Windows with thermal insulation advantage

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 reducing 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 CO<sub>2</sub>

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 CO<sub>2</sub> 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 PVC-U 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 PVC-U 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-U we use, two kilograms of CO<sub>2</sub> is saved.

## ONE STEP AHEAD WITH RECYCLING

We are entering uncharted ecological territory with Kömmerling ReFrame: In a true first, we are producing window profile bodies from 100% recycled PVC material, which also stand out for their exceptional quality. This is because Kömmerling ReFrame window profiles are treated with the proven proCoverTec colour finish, guaranteeing high UV resistance as well as a premium look. Furthermore, our very own recycling programme with own plants ensures that old materials can be reused for new profiles.



# OUR PROMISE TO YOU AND THE ENVIRONMENT

- > PVC-U materials accrued during window production and old PVC-U windows are collected and returned to us
- > In our company, we condition the PVC-U recycled materials and old PVC-U 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. 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 gGmbH, 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, humanitarian relief campaigns and much more besides. Watch this space for more developments.

[www.koemmerling-better-world.de](http://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 PVC-U windows are reused in a closed loop.



# #KömmerlingForTomorrow

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