



**OUR PATH:  
SUSTAINABILITY.**



**KÖMMERLING®**



# SUSTAINABLE BUSINESS.

We have made it our goal to orientate our entire company towards securing a prosperous future for generations to come.

At KÖMMERLING, we see sustainability as our duty in daily operations. Not only in ecological terms, but also in terms of social and economic standards. Our products and manufacturing methods are designed to protect the oceans and the environment. With our recycling programme, we have set a benchmark for intelligent material cycles. And we also take our responsibility to society and humanity in general very seriously. All these values combine to make KÖMMERLING the standout brand that it is. Make your commitment to sustainability together with us and our KÖMMERLING Premium windows.



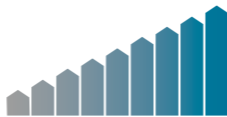
*Peter Mrosik*

Dr. Peter Mrosik  
Owner and CEO

## Milestones in sustainability and energy efficiency



**1977**  
1. Thermal Insulation Ordinance  
[German: WSchV]



**2002**  
Energy Saving Ordinance  
[German: EnEV]



**2020**  
Building Energy Act  
[German: GEG]



**2045**  
Climate Protection Act  
*Greenhouse gas neutrality*

# FINEST RAW MATERIALS.

From pellets to the finished window and on to recycling: We see environmental protection and sustainability as an integral part of our daily operations – and this starts at the very beginning by using only the finest raw materials.

True to our 'greenline' maxim, we stopped using lead-based stabilisers in our PVC-U profiles almost two decades ago, switching instead to an eco-friendly calcium/zinc basis. This prevents the mining and use of 6500 tonnes of lead every year – that's more than 160 lorries full.



## OUR PROMISE:

- To stabilise the PVC-U without the use of lead, using instead an environmentally friendly calcium/zinc basis.
- To use recycled material. Maintaining a closed-loop material cycle without compromising on quality.
- High thermal insulation window systems that lower heating costs and reduce CO<sub>2</sub> emissions.

# SUSTAINABLE PRODUCTION.

We think about the entire life cycle of a window and aim to act in an environmentally friendly manner every step of the way.

That's why we place such importance on ensuring the production of our profiles is sustainable and energy-efficient.

Our engineers are developing the newest generations of products to use less material, while also improving technical properties. Intelligent chamber systems and static design features not only ensure resources are preserved, but also result in highly competitive products.

We feel a strong sense of commitment to Germany. That's why our window systems for the domestic market are produced exclusively in our German plants, thereby keeping the jobs in the country.



We are making advances in tackling plastic pollution in the oceans and advocate for sustainable solutions. We were the first company in the windows sector to receive the "Zero Pellet Loss" certification.





Windows play a pivotal role in any passive house. Our ultra-modern systems meet the requirements of a passive house, sometimes even in the standard design.



## ENERGY EFFICIENCY IN MODERN WINDOWS.

KÖMMERLING Premium windows are high-tech products, which meet the highest specifications for thermal insulation and the associated energy efficiency ratings.



In numerical terms: The roughly 15 million window units that are produced from our profiles every year save around 300 million litres of fuel oil. This prevents some 850 million kilograms of CO<sub>2</sub> from entering the atmosphere – which, in turns, relieves the burden on woodland equivalent in area to 90,000 football pitches.

By fitting KÖMMERLING's modern Premium windows, significantly less heating energy is required, thereby reducing the emission of harmful greenhouse gases. Valuable resources are saved for the next generation.



EVERY YEAR OUR 15 MILLION WINDOW UNITS SAVE:

300 MILLION LITRES FUELOIL

850 MILLION KG CO<sub>2</sub>

WHICH RELIEVES WOODLAND THE SIZE OF 90,000 FOOTBALL PITCHES



As a founding member of Germany's national recycling initiative Rewindo, we guarantee old PVC-U windows are recycled in a closed-loop cycle.

## A COMMITTED APPROACH TO RECYCLING.

A PVC-U window has a theoretical service life of at least 40 years and can be recycled eight times.

By recycling old windows, we put them back into the material cycle and purposefully use a proportion of recycled materials in our profiles. This involves processing the PVC-U profiles of old windows into pellets and using the reclaimed material together with aesthetically superior virgin material to produce new windows.

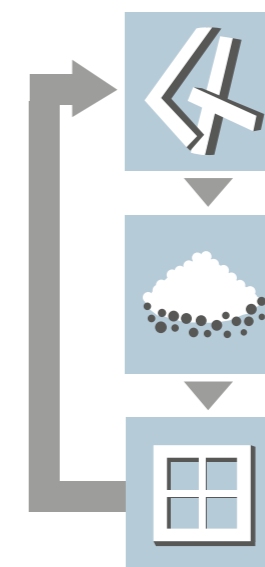
This demonstrates how we can use our market-specific expertise to make resource-efficient products that reflect our responsible approach: For every kilogram of recycled PVC we use, two kilograms of CO<sub>2</sub> is saved.

Under our ReFrame brand, we are producing our first window profiles from 100% recycled PVC-U material, and the resulting quality is exceptional. To give them their UV resistance and their premium look, these profiles are treated with the innovative proCoverTec colour finish.



### OUR RECYCLING SERVICE

With our own additional recycling programme, we ensure that materials can be reused specifically for our profiles.



Recycled materials accrued during window production and old PVC-U windows are collected and returned to us.

We recondition the PVC-U recycled materials and old PVC-U windows and use them to produce new windows.

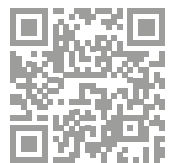
We supply PVC-U profiles made from high-quality and controlled recycled material.



Our company finds many ways to contribute to different areas of society: From donating to and funding social projects to installing solar panels on our company roofs.

[www.koemmerling-better-world.de](http://www.koemmerling-better-world.de)

For more information on our commitment to sustainability, please visit:



# INCREASING AND PROMOTING SOCIAL RESPONSIBILITY.

In a world facing major challenges, we take responsibility together with the foundation „KÖMMERLING Better World Stiftung“ and help develop solutions. We have partnered with a wide range of charitable initiatives and are funding projects that go some way to helping make the world a better place. The aim of the foundation is not only to actively involve us in important ecological campaigns, but also to find answers to important questions affecting society as a whole.



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