



fascination
WINDOWS &
FRONT DOORS

KNEER - SÜD
FENSTER

Lived Vision



KNEER-SÜDFENSTER



THE COMPANY

For over eighty years Kneer-Südfenster has been one of the largest and most renowned manufacturers of windows and front doors in Germany. Our family-owned company still produces windows and doors with the same founding principles for quality and craftsmanship. We produce a full range of wood, wood-aluminum, UPVC, aluminum and UPVC-aluminum windows and front doors.

We orchestrate the production of over 330.000 windows and 7.000 front doors annually. Our clients benefit from our nimble manufacturing process, which allows for custom solutions to meet design specifications.

From master craftsmen to custom wood workers and production line quality assurance engineers, Kneer-Südfenster employs about 700 employees in three state-of-the-art production facilities across Germany. Our products are in homes and businesses worldwide, making us one of the leading manufacturers and innovators of windows and front doors.

Our focus on tradition, quality engineering and energy efficiency coupled with our core values of sustainability and green manufacturing has created a comprehensive range of windows and front doors that bestow luxury and comfort for the discerning customer.

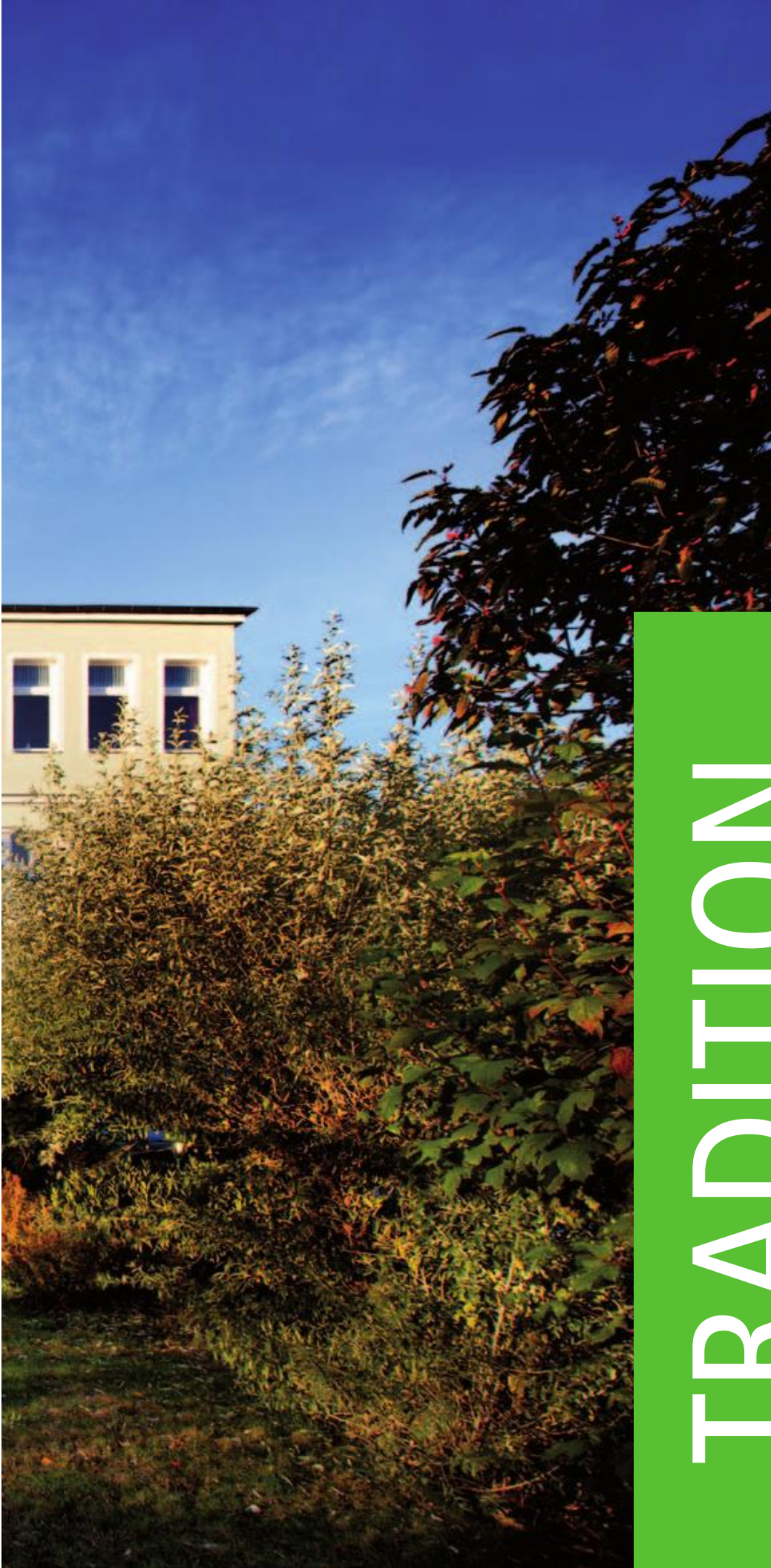
QUALITY MADE IN GERMANY!



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TRADITION



LUXURY







QUALITY



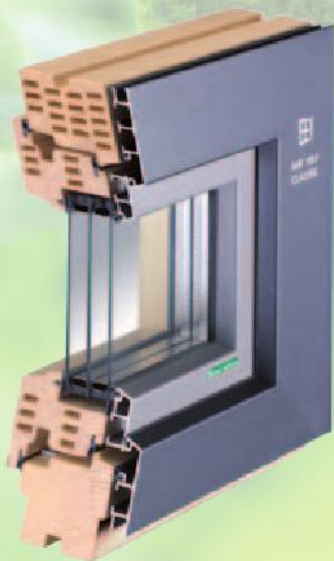
Passive House Windows

The strongest systems – New benchmarks when it comes to energy saving

Strong windows for maximum demands

New dimensions in comfortable green living. Our Passive House Windows are built with outstanding insulation values, maximizing their energy savings capability.

The wood-aluminum and wood systems are equipped with innovative engineered and ecologically friendly solid wood scantlings, with grooved air chambers that do not use insulation foam.



AHF 115 P Classic



HF 90 WD



KF 714 S-WD P



All four systems meet Passive House requirements

Passive House Windows Characteristics

- ☒ Four types available
- ☒ Wide variety of natural and opaque color tones
- ☒ Proven performance for air infiltration, water penetration and structural wind load
- ☒ Outstanding structural and physical characteristics



AKF 714 S-WD P

Overall U value window (U_w)

U_w value

glazing	U_g	0,5	0,5	0,5	0,6	0,6	0,6
spacer		***	**	*	***	**	*
AHF 115 P	spruce	0,74	0,77	0,88	0,81	0,84	0,95
	pine	0,79	0,82	0,93	0,86	0,89	1,00
HF 90 WD	spruce	0,71	0,75	0,76	0,78	0,82	0,83
	pine	0,78	0,82	0,84	0,85	0,89	0,91
KF 714 S-WD P		0,70	0,71	0,75	0,77	0,78	0,82
AKF 714 S-WD P		0,70	0,71	0,75	0,77	0,78	0,80

spacer ***
 spacer **
 spacer *

warm edge (black, UPVC)
 stainless steel
 aluminum

Perfection

We are proud of...

Windows in sync with nature

- ☒ The exceptionally long durability of our windows is the biggest contribution we are making to the conservation of our resources
- ☒ A large proportion of the wood we are using has its origins in sustainably cultivated forests
- ☒ Wood profiles are coated exclusively with environmentally-friendly color systems
- ☒ Our windows made from vinyl are stabilised using calcium-zinc formulation and display the "Green Line" trademark, which means, they are environmentally compliant quality seal windows
- ☒ Vinyl windows are anti-bacterial, hygienic, antiseptic and particularly suited to people suffering from allergies or asthma
- ☒ The high level of heat insulation of our windows reduces energy consumption
- ☒ Kneer-Südfenster products are service-friendly, easy to maintain and colorfast

Innovation strength

Thanks to continuous investments Kneer-Südfenster always uses the most modern techniques and is characterised by a high degree of flexibility. Kneer-Südfenster demonstrates innovation strength with energy efficient construction elements, which achieve top insulation values, e.g. with

windows and front doors for passive houses. In addition to technically perfect products, Kneer-Südfenster also places great value on attractive design, e. g. hidden fittings, decorative bead groove and very narrow visual widths.



Tested windows – Build for healthy living

The most important subsistence for the human being is the air we breathe. Particularly in the most important place on earth, our home, the air should be free from pollutants.

Since we spend 90 % of the day in closed spaces, discharges from building materials and furnishings can endanger our health. Today the strain on indoor air is ten times higher than that of outdoor air. Kneer-Südfenster is the only manufacturer of windows and front doors that fulfills the strict requirements of the "Sentinel Haus Institut" (SHI, Germany's Sentinel House Institute

helps to protect buildings from unwanted contaminants). Kneer-Südfenster has had itself tested and meets the high requirements of SHI without limitations. Due to that Kneer-Südfenster is the official product partner of the SHI network. SHI offers architects, building contractors and home owners a contractual indoor air quality guarantee. The Sentinel Haus Institut guarantee makes exceptionally high demands on building materials used, making it unique in Europe when it comes to the health of building inhabitants.



Advantages tested windows

Healthy living windows by Kneer-Südfenster:

- Demonstrably harmless to health
- Without volatile organic compounds or VOCs

Optimal indoor climate:

- Pollution-free indoor climate
- Allergy-friendly

Durability:

- Innovative surface appearance
- Minimum need for maintenance

Sustainability:

- Renewable raw materials
- Secured recycling cycles for materials

Meet indoor hygiene requirements in line with:

- ECO Institute
- Germany's Sentinel House Institute

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built for
GENERATIONS

