

**KNEER · SÜD**  
**FENSTER**

Lived Vision



fascination

WINDOWS &  
FRONT DOORS

# Our whole range



# The Company

For over ninety 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, aluminum-wood, UPVC, aluminum and UPVC-aluminum windows and front doors.

In our factory we produce 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 has about 850 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.





# LIVING WITH VISION

Nowadays, modern windows are real high-tech products with the highest energy saving for the best feel-good climate.

KNEER-SÜDFENSTER offers innovative windows of the highest quality from the materials aluminium-wood, wood, aluminium-UPVC, UPVC and aluminium.

From KNEER-SÜDFENSTER you can expect the greatest possible safety in combination with extraordinary living comfort, luxurious appearance, healthy climate and the highest quality of life.

Windows have a decisive influence on the size, shape, colour and arrangement of the facade of your house and determine the atmosphere of the interiors.







## ALUMINIUM- WOOD

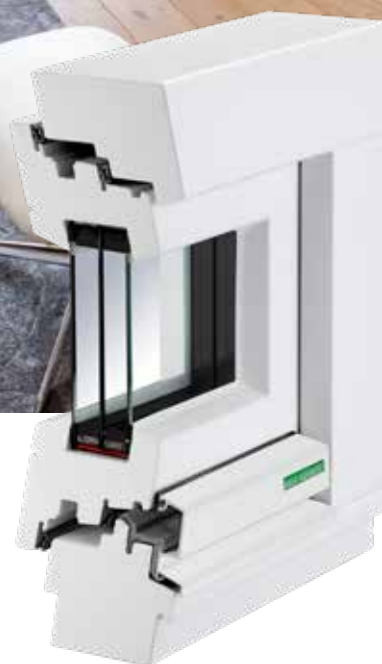


### TECHNICAL DETAILS

Material outside	Aluminum cladding, powder-coated
Material inside	<b>BASIS</b> type of wood pine <b>OPTIONAL</b> types of wood spruce, meranti, larch, oak
Insulating $U_w$	<b>BASIS</b> 1,2 W/m <sup>2</sup> K <b>OPTIONAL</b> with spruce up to 0,76 W/m <sup>2</sup> K
Sound insulation	Soundproofing class 2 to 4
Burglary protection	<b>BASIS</b> with mushroom cam & Safety lock pieces <b>OPTIONAL</b> till Resistance class RC 2
Colour selection	<b>BASIS</b> outside and inside of KNEER-SÜDFENSTER colour chart <b>OPTIONAL</b> aluminum NCS, DB-colours, wood decor, RAL glossy, RAL-design, pearl colours or fine structure
Shapes	Windows with round arch and angle possible

- ✓ Premium wood inside, optimum weather protection outside
- ✓ High design requirements for future-oriented architecture
- ✓ For highest demands on safety, heat and sound insulation
- ✓ Highest possible stability in premium wooden types

## WOOD



### TECHNICAL DETAILS

Material	Wood
Types of wood	Pine, meranti, spruce, larch, oak
Insulating $U_w$	<b>BASIS</b> 0,86 W/m <sup>2</sup> K <b>OPTIONAL</b> with spruce up to 0,69 W/m <sup>2</sup> K
Sound insulation	Soundproofing class 2 to 4
Burglary protection	Till Resistance class RC 2
Colour selection	According to KNEER-SÜDFENSTER colour chart
Shapes	Windows with round arch and angle possible

- ✓ Renewable raw material of the future
- ✓ Complex surface coating
- ✓ Silk-matt, natural look
- ✓ Living comfort and a feel-good atmosphere
- ✓ Energy efficient and sustainable
- ✓ Timeless beauty and most modern technology



## ALUMINIUM-UPVC



### TECHNICAL DETAILS

Material outside	Aluminum cladding, semi-recessed, powder coated
Material inside	RAU-FIPRO (PVC RAU-FIPRO X)
Insulating $U_w$	<b>BASIS</b> 1,2 W/m <sup>2</sup> K <b>OPTIONAL</b> AKF 700 up to 0,69 W/m <sup>2</sup> K
Sound insulation	Soundproofing class 2 to 5
Burglary protection	<b>BASIS</b> with 2 mushroom cam & Safety lock pieces <b>OPTIONAL</b> till Resistance class RC 2
Colour selection	<b>OUTSIDE</b> according to KNEER-SÜDFENSTER colour chart, NCS- or RAL-Design <b>INSIDE</b> white, laminated according to KNEER-SÜDFENSTER colour chart, Wood decor foil
Shapes	Windows with round arch and angle possible

- ✓ Dirt resistant and easy to clean
- ✓ Customized colour design
- ✓ High durability
- ✓ Stabil and solid
- ✓ Good anti-burglary protection
- ✓ Optimal protection against weather conditions



UPVC



#### TECHNICAL DETAILS

Material	PVC RAU-FIPRO X
Sealing system	Centre seal
Hinge system	Turn-tilt, exposed hinges
Insulating $U_w$	<b>BASIS</b> 1,2 W/m <sup>2</sup> K <b>OPTIONAL</b> till 0,69 W/m <sup>2</sup> K
Sound insulation	Soundproofing class 2 to 5
Burglary protection	<b>BASIS</b> with 2 mushroom cam & Safety lock pieces <b>OPTIONAL</b> till Resistance class RC 2
Colour selection	White or laminated according to KNEER-SÜDFENSTER colour chart
Shapes	Windows with round arch and angle possible

- ✓ Cost-efficient
- ✓ Long-lived
- ✓ Very good burglary protection
- ✓ Easy to clean
- ✓ Small maintenance
- ✓ Wide range of colours

# ALUMINIUM



## TECHNICAL DETAILS

Material	Aluminium
Sealing system	Stop sealing
Hinge system	Turn-tilt, exposed hinges
Insulating $U_w$	To 0,94 W/m <sup>2</sup> K
Sound insulation	Soundproofing class 4
Burglary protection	Till Resistance class RC 2
Colour selection	According to KNEER-SÜDFENSTER colour chart
Shapes	Windows with round arch and angle possible

- ✓ Light and robust
- ✓ Wide range of colors
- ✓ Long-lived and easy to clean
- ✓ Resistant
- ✓ Very good burglary protection
- ✓ Environmentally friendly through recycling



## TEXTILE SCREENS



## CREATE FLEXIBLE LIVING SPACES

Textile screens combine several convincing advantages in one product: they score on the very good sun- and privacy protection characteristics. They also let in enough daylight in the room when closed, and offer a good view to the outside. Textile screens are made of specially treated fabric. This material filters a particularly large amount of UV-radiation from the sunlight and takes care of a pleasant room climate. Due to this, valuable wooden floors and furniture are also protected.

Additionally, the textile screens are also weather-resistant and practically maintenance-free. Regarding design, there are over 150 possible colours available, taking care of almost limitless creativity.



## CURTAIN WALL CONSTRUCTION



## MAXIMUM TRANSPARENCY

A facade system made of load-bearing profiles is called a curtain wall construction. It can be used to create large openings but also entire filigree facade surfaces. It is usually used where large installation heights / field widths or roof structures are to be implemented. Through variable profile dimensions, especially in profile depth and through the use of different materials, e.g. The construction of wood and aluminum can be matched to almost any installation situation, especially since various options can be selected as infills. The modular construction of the curtain wall construction allows both the prefabrication of the elements in the factory and their connection on construction site.



KNEER-SÜDFENSTER facade systems combine the advantages of different frame materials. Windows, doors, lift and slide doors can be included in our facade systems. Aluminum on the outside for perfect weather protection and a technical appearance, on the room side a noble wooden surface for a cozy atmosphere.





## LIFT AND SLIDE DOORS

# LIGHT FOR YOUR HOME

Generous glazing, floor-to-ceiling windows and lift and slide doors are part of the modern contemporary lifestyle. The high-value Wood- and Aluminium-Wood lift and slide Doors from KNEER-SÜDFENSTER offer seamless panoramic views and an elegant appearance.

In addition, a flat threshold ensures barrier-free access, optionally a soft-close function or networking with modern home technology is possible. The Lift and slide doors offer high protection against burglary, up to Resistance Class RC 2.

Do you like puristic design? The new variant „SKY PLUS“ connects the most modern design and comfort for the elevated demands: with seamless glazing down to the threshold. The transition between the interior and the outside world will be fluid. Let yourself be inspired, too!



## FRONT DOORS





# Sophisticated front doors

The decisive factor for your well-considered purchase decision is certainly the appearance. The spark must jump over. Whether modern, classic, purist or charming – the front door must suit you and the style of your house. Front doors from KNEER-SÜDFENSTER are not only beautiful to look at and inviting, but also convince through inner values such as a robust construction, high security and good thermal insulation.

An innovative, technically mature front door fulfills its tasks for many years and looks very good at the same time!



ALUMINIUM-WOOD  
FRONT DOORS

WOODEN  
FRONT DOORS

ALUMINIUM  
FRONT DOORS

UPVC  
FRONT DOORS

# KNEER · SÜD FENSTER

Lived Vision



**KNEER GmbH**

**Fenster und Türen**

Horst-Kneer-Straße 1

D-72589 Westerheim

phone: +49 (0) 7333 / 83-0

e-mail: [info@kneer.de](mailto:info@kneer.de)

**SÜD-FENSTERWERK**

**GmbH & Co. Betriebs-KG**

Rothenburger Straße 39

D-91625 Schnelldorf

phone: +49 (0) 7950 / 81-0

e-mail: [info@suedfenster.de](mailto:info@suedfenster.de)

**SÜD-BAUELEMENTE GmbH**

Ludwig-Erhard-Straße 4

D-03238 Massen

phone: +49 (0) 3531 / 799-114

e-mail: [info@suedfenster.de](mailto:info@suedfenster.de)



[WWW.KNEER-SUEDFENSTER.DE/EN](http://WWW.KNEER-SUEDFENSTER.DE/EN)

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**FenTec Consulting LLC**

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**Michael Pusch**

*Consultant*

[michael.pusch@fentecconsulting.com](mailto:michael.pusch@fentecconsulting.com)

Portland, Oregon USA

[www.fentecconsulting.com](http://www.fentecconsulting.com)

+1 (207) 318-6838

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