



VERTICAL WINDOWS





Dear Sirs,

We are delighted to announce the introduction of new products to the FAKRO range: vertical windows and sliding windows.

The dynamic growth of the company, knowledge of the industry and modern construction trends, application of innovative solutions, effective market analysis and response to customer needs are our guideposts which have enabled us to expand the range of our products.

As the second largest manufacturer of roof windows in the world we enter a new era with the introduction of vertical windows, making our offer even more comprehensive and tailored to customer needs. Now we are able to provide you with the comfort of living for the whole house from the entrance to the roof.

We encourage you to OPEN FAKRO windows in your homes.

With best regards,

Ryszard Florjék


President of the Board of Directors of FAKRO





What distinguishes our products...

Knowledge & Experience, Innovation

Over the last 25 years, we have built a strong brand based on innovation and development. We gained a vast experience in the construction industry and used our great potential for the continuous development of FAKRO products. Our modern Research & Development Centre employs over 100 engineers who convert ideas into innovative solutions. We are distinguished by the highest quality, numerous patents, innovative solutions and modern production line.

Individual solutions | Customer satisfaction

We have an individual approach to each and every customer. We listen to his needs and come up with effective solutions. A wide palette of colours and a variety of wood types allow us to create a product that is made to meet the needs of even most demanding customers. Using the latest solutions and attention to detail results in unique products and satisfied customers.

Design

An innovative combination of a wooden frame with an aluminium cladding set new trends. This represents not only a robust design, but also features a high level of visual quality. A modern customer requires that the product is not only functional, but also allows the arrangement of the space in which he lives. FAKRO products are compliant with all these market requirements.

Eco-friendly practices

FAKRO is an eco-friendly company, cultivating and promoting solutions designed with the environment in mind. We use organic raw materials in the production process, while our products meet and even exceed thermal insulation requirements effective for windows. The sophisticated design of glazing units and a wide range of external accessories goes perfectly with the objectives of sustainable construction.

Safety

Solutions used in FAKRO vertical windows ensure improved comfort of the user. They make you and your family feel safe no matter where you live and work.







WOOD-ALUMINIUM WINDOWS



Wood-aluminium windows

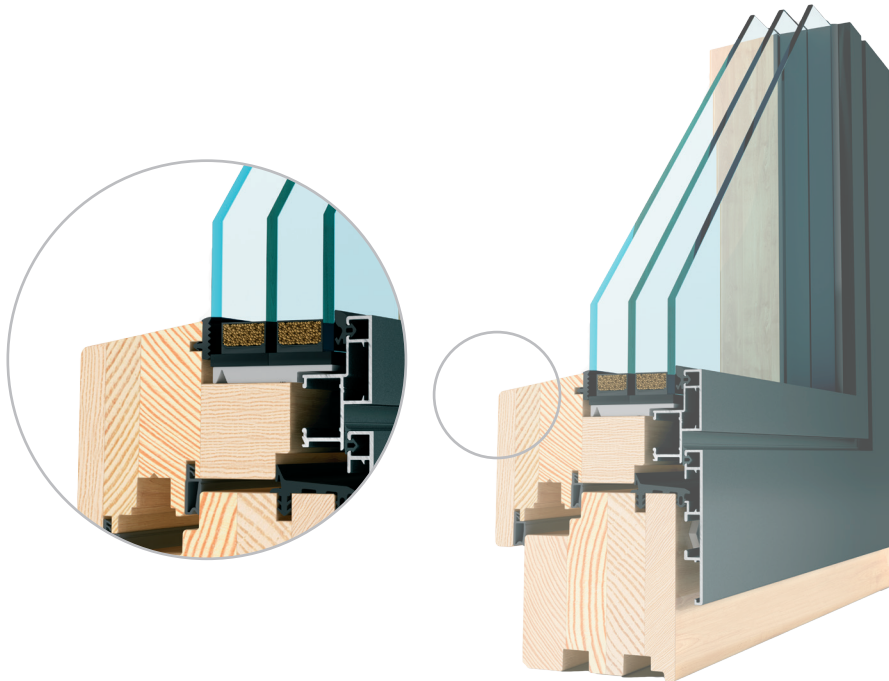
FAKRO wood-aluminium windows are made of vacuum impregnated high-quality wood. Aluminium cladding elements are characterized by a high resistance to external factors. They are made of raw materials featuring the highest quality and are easy in maintenance, while a wooden frame secures a cosy atmosphere inside the room.

Complete RAL palette offering two types of gloss: matt and satin in the combination with specially designed covering structures (including wood-like layers) allows for infinite freedom when designing windows.

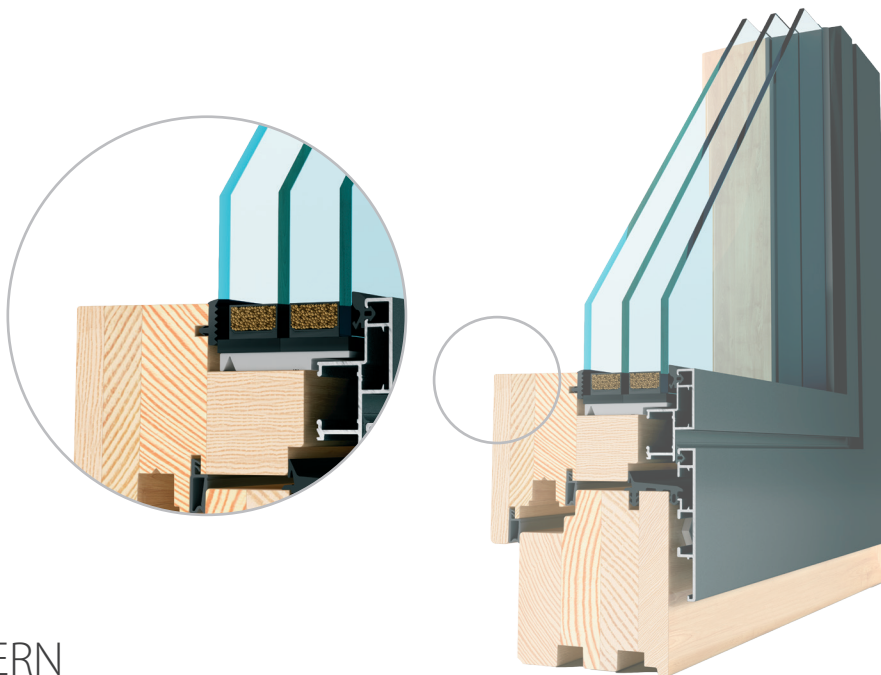
Two finish options of the sash inner side enable individual selection of windows to match the room style:

- Classic – for classic interiors,
- Modern – for modern interiors.

FINISH OPTIONS OF THE SASH INNER SIDE



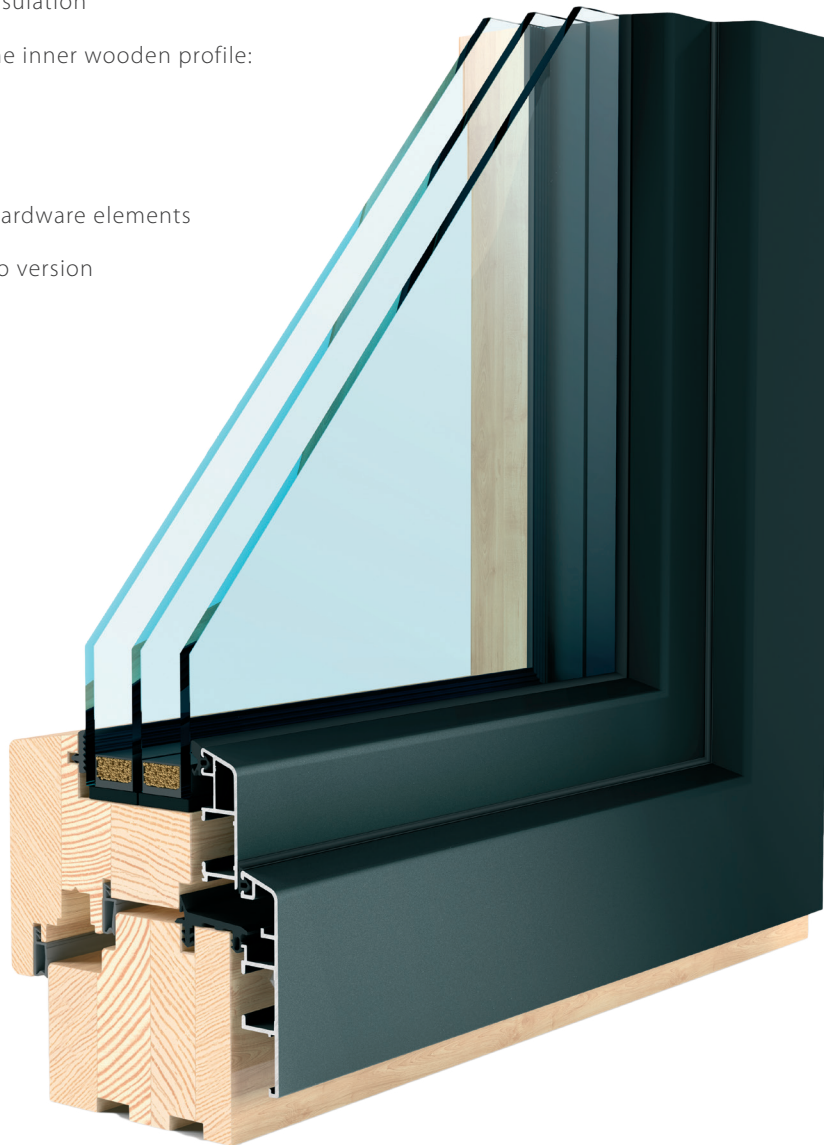
CLASSIC



MODERN

CLASSIC

- **modern combination of durable outer aluminium frame and inner wooden frame**
- **robust design and high resistance to external factors**
- **standard shape of the sash outer profile**
- single and double-chamber glazing unit
- high level of thermal insulation
- two finish options of the inner wooden profile:
Classic and Modern
- triple sealing system
- high-quality Siegenia hardware elements
- also available in Thermo version



rectangular windows



tilt and slide windows PSK



polygons



triangles



circles



arcs

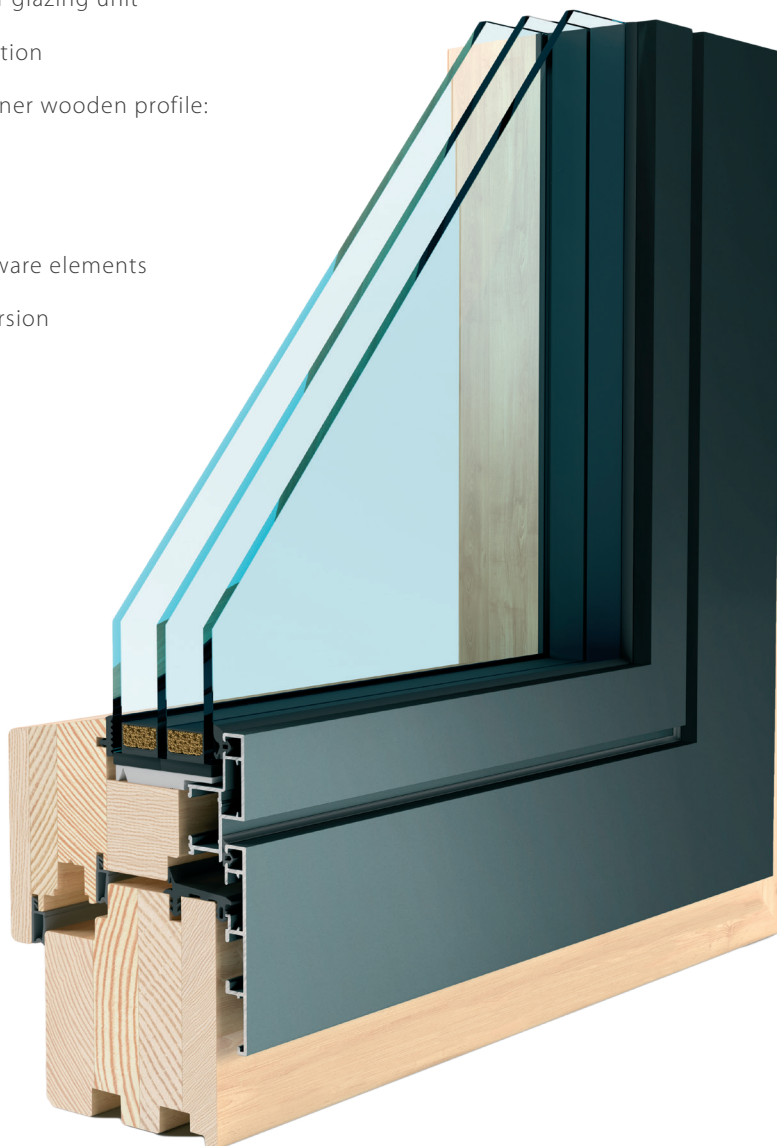
Profile thickness: **68 / 78 / 92** mm
Material: **Pine, Oak, Meranti**
Heat transfer coefficient U_w : up to **0.85** W/m²K
Soundproof performance R_w : up to **40** dB
Warranty: **5** years

QUADRAT FB



- **unique window design thanks to a combination of the robust aluminium frame and warm inner wooden profile**
- **long-term durability and high resistance to external factors**
- **modern design: sash profile flush with the window frame profile**

- single and double-chamber glazing unit
- high level of thermal insulation
- two finish options of the inner wooden profile:
Classic and Modern
- triple sealing system
- high-quality Siegenia hardware elements
- also available in Thermo version



rectangular windows



tilt and slide windows PSK



polygons



triangles



circles

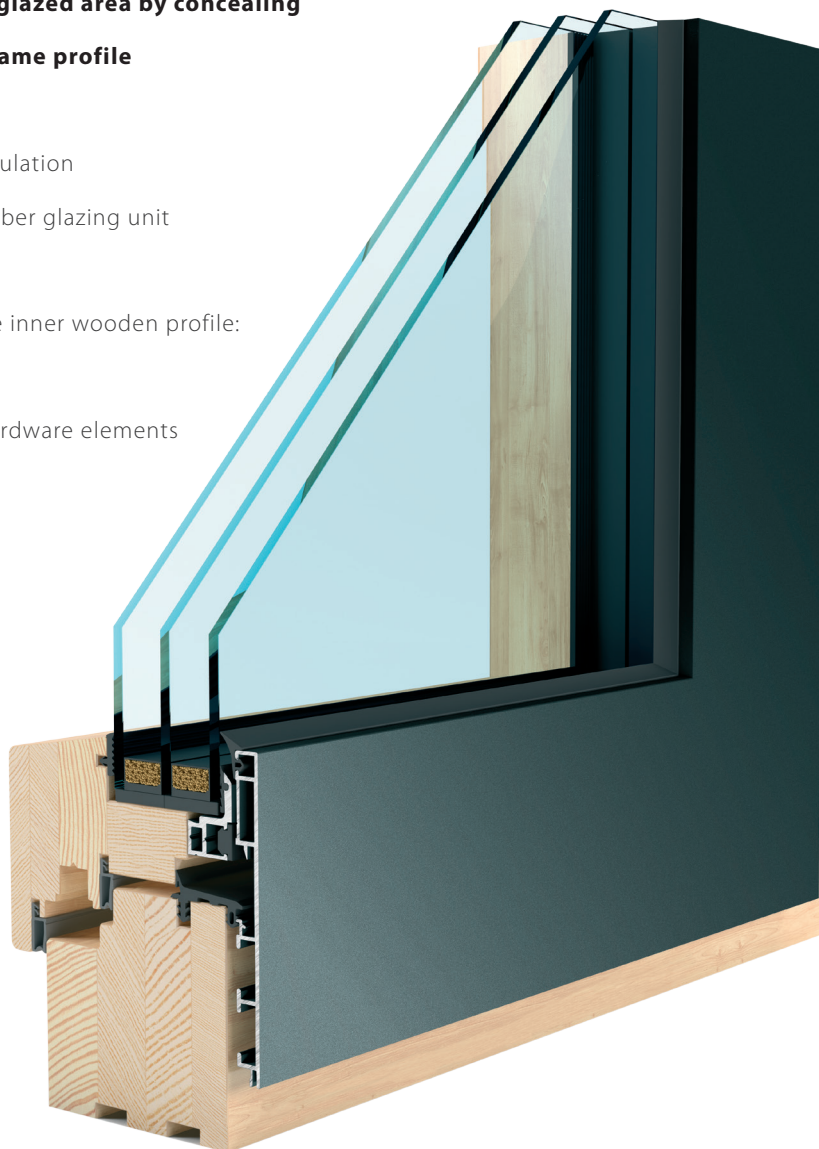


arcs

Profile thickness: **68 / 78 / 92** mm
Material: **Pine, Oak, Meranti**
Heat transfer coefficient U_w : up to **0.9** W/m²K
Soundproof performance R_w : up to **40** dB
Warranty: **5** years

INTEGRAL

- **unique design – sash hidden behind the window frame**
- **modern and robust combination of the outer aluminium frame and inner wooden frame**
- **long-term durability and high resistance to external factors**
- **in contrary to traditional wooden windows, the outer window part does not require maintenance**
- **visual increase of the glazed area by concealing the sash behind the frame profile**
- high level of thermal insulation
- single and double-chamber glazing unit
- triple sealing system
- two finish options of the inner wooden profile: Classic and Modern
- high-quality Siegenia hardware elements



rectangular windows



tilt and slide windows PSK



polygons



triangles



circles



arcs

Profile thickness: **68 / 78 / 92** mm
Material: **Pine, Oak, Meranti**
Heat transfer coefficient U_w : up to **0.8** W/m²K
Soundproof performance R_w : up to **40** dB
Warranty: **5** years

CLASSIC PASSIV



- **very high level of thermal insulation achieved by applying intermediate layer of polystyrene**
- **excellent for passive buildings**
- **combination of durable outer aluminium frame and inner wooden frame with a thermal insert featuring low heat transfer**
- **quadruple sealing system**
- robust design and high resistance to external factors
- single and double-chamber glazing unit
- standard shape of the sash outer profile
- two finish options of the inner wooden profile: Classic and Modern
- high-quality Siegenia hardware elements



rectangular windows



tilt and slide windows PSK



polygons



triangles

Profile thickness: **68 / 78 / 92** mm
Material: **Pine, Oak, Meranti**
Heat transfer coefficient U_w : up to **0.75** W/m²K
Soundproof performance R_w : up to **40** dB
Warranty: **5** years





TILT & SLIDE
DOORS PSK



TILT & SLIDE DOORS PSK

In addition to opening function, tilt and slide doors enable micro-opening which allows for ventilation of the room while maintaining a high level of safety.

Shape of the aluminium frame as well as wooden profile makes tilt and slide doors go perfectly with other wood-aluminium window systems.

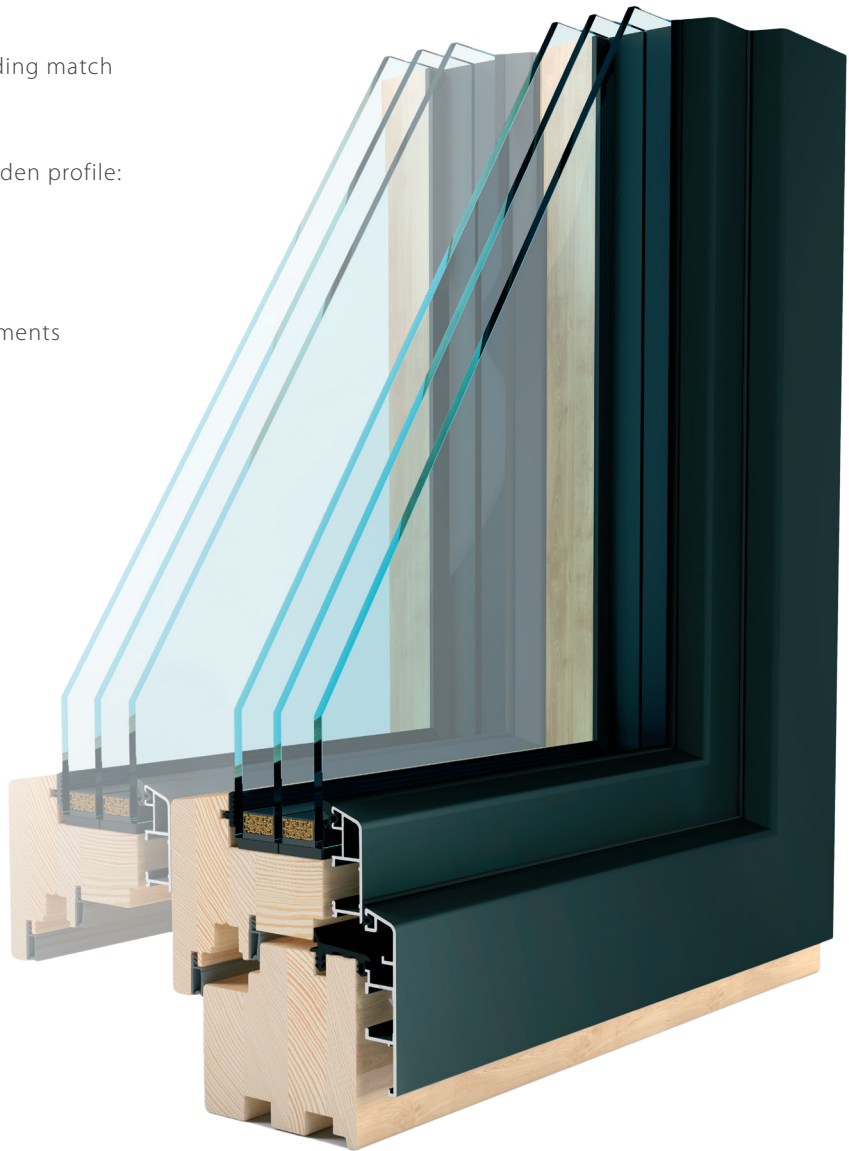
With this design, the door does not occupy the space inside no matter whether in closed or open position, and even on the contrary, it makes the room seem more spacious.

An extensive range of colours and shapes of the aluminium frame allows you to create a virtually infinite number of combinations.

TILT & SLIDE DOORS PSK



- robust design and high resistance to external factors
- modern combination: robust outer and inner aluminium frames, wooden frame secures a cosy atmosphere inside the room
- maintenance of the outer frame reduced to the minimum (extreme ease of cleaning)
- double and triple-chamber glazing unit
- high level of thermal insulation
- outer shape of the aluminium cladding match the window cladding
- two finish options of the inner wooden profile: Classic and Modern
- triple sealing system
- high-quality Siegenia hardware elements
- also available in Thermo version



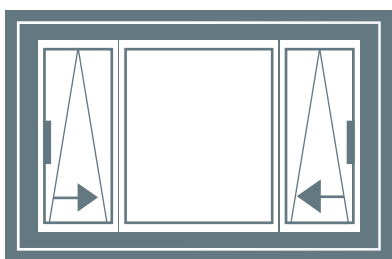
Profile thickness: **68 / 78 / 92** mm
Material: **Pine, Oak, Meranti**
Warranty: **5** years



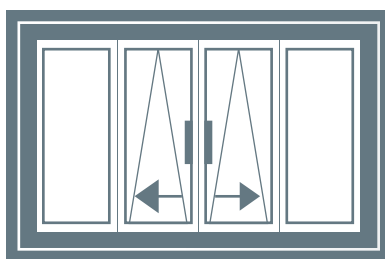
TILT & SLIDE DOORS PSK



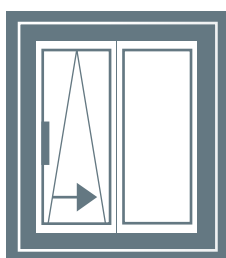
Sample design (scheme 3)



SCHEME 1



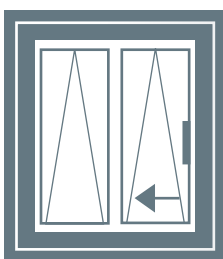
SCHEME 2



SCHEME 3



SCHEME 4



SCHEME 5

SCHEMES FOR OPENING TILT & SLIDE DOORS PSK





LIFT & SLIDE
DOORS HST



LIFT & SLIDE DOORS HST

Despite its large dimensions, lift and slide doors are extremely comfortable to use, while their huge glazed areas provide the room with even greater amount of natural light. When in open position as well as during the opening doors do not occupy additional space in the room.

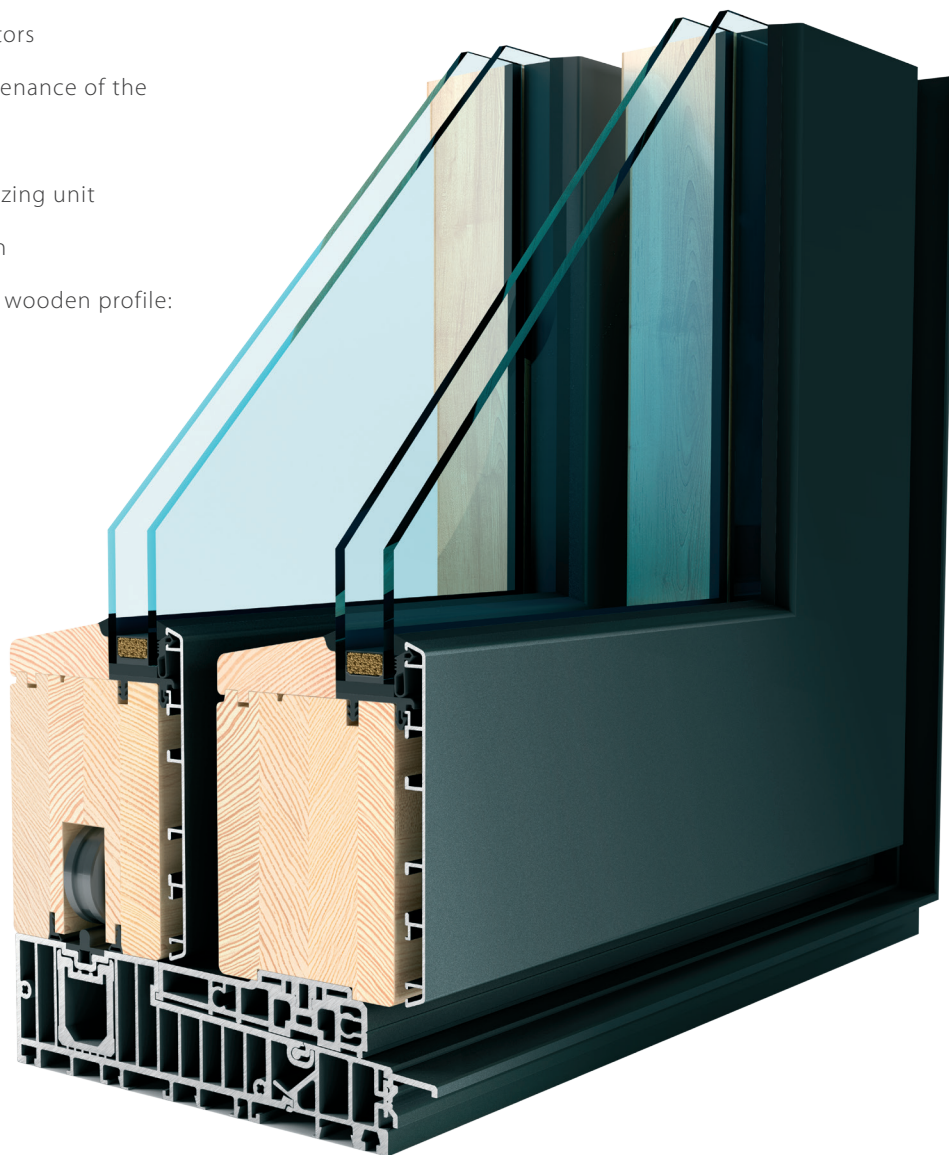
They enhance visual space of the room.

Large glazed areas and terrace doors set new trends in the construction industry.

LIFT & SLIDE DOORS HST



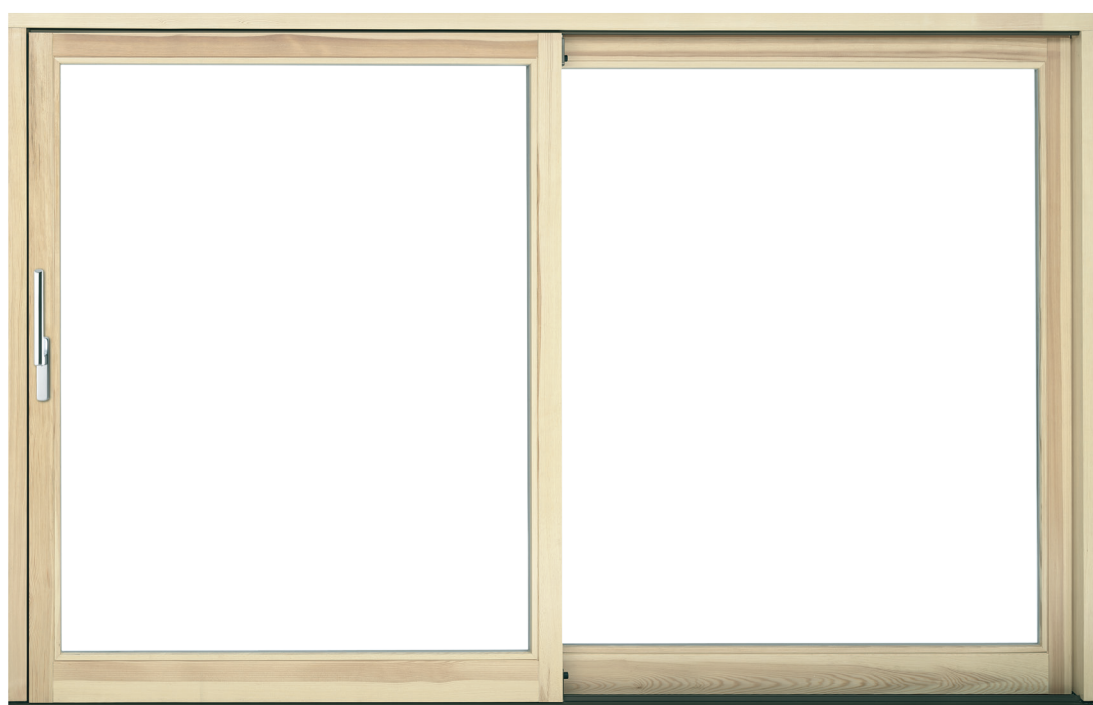
- **NEW ON THE MARKET!** Modern Siegenia hardware elements are distinguished by durability, high quality of craftsmanship, comfort of use and impeccable aesthetics!
- modern combination of durable outer aluminium frame and inner wooden frame
- possibility of creating the structure up to 8m wide and 2.8m high
- low threshold for easy movement between the room and terrace
- long-term durability
- high resistance to external factors
- no need for the external maintenance of the aluminium door frame
- double and triple-chamber glazing unit
- high level of thermal insulation
- two finish options of the inner wooden profile: Classic and Modern
- allow to match sliding doors to wood-aluminium windows



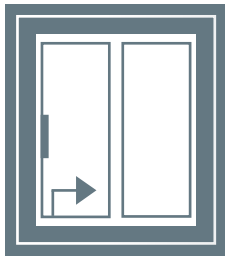
Profile thickness: **68 / 78 / 92** mm
Material: **Pine, Oak, Meranti**
Warranty: **5** years



LIFT & SLIDE DOORS HST



Sample design (scheme A)



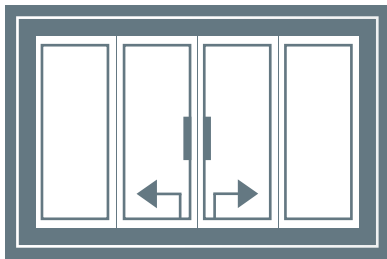
SCHEME A



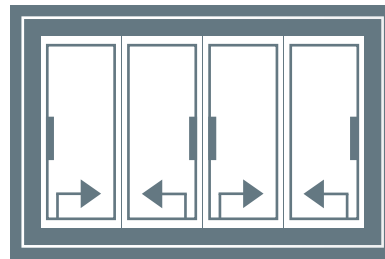
SCHEME A



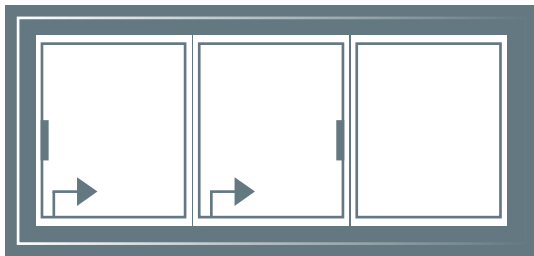
SCHEME D



SCHEME C



SCHEME F



SCHEME E

SCHEMES FOR OPENING LIFT & SLIDE DOORS HST

WOOD

window inner side



PINE



LIGHT OAK



OLD PINE



WALNUT



TEAK



DARK OAK



BILINGA



DOUKA



MAHAGONI



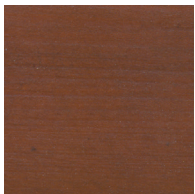
RICH MAHAGONI



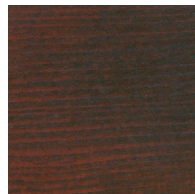
BROWN



IPE



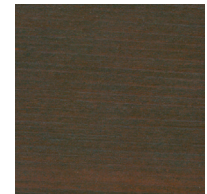
SANDBRAUN



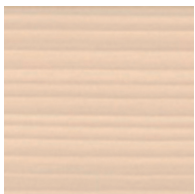
ERDBRAUN



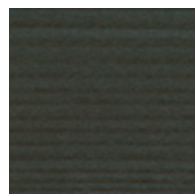
PALISANDER



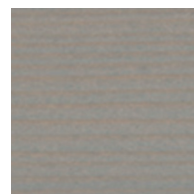
NUTTREE



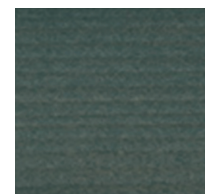
IVORY



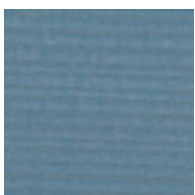
SEPIA



CONCRETE GREY



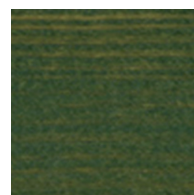
GRAPHITE



LAVENDER



SIENNA



FOREST GREEN



URBAN BLUE



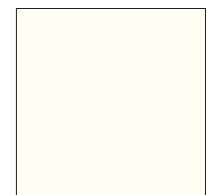
CLEAR



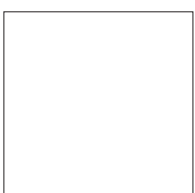
MATT



CREAM



RAL 9010



RAL 9003



RAL 7016



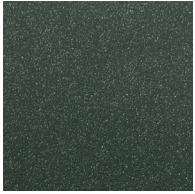
RAL 7022



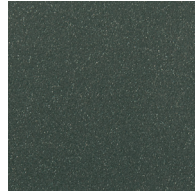
RAL 7023

ALUMINIUM FRAME

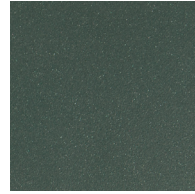
window outer side



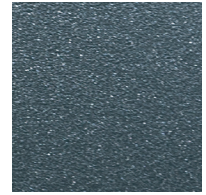
1-01



1-02



1-05



1-07



1-11



1-20



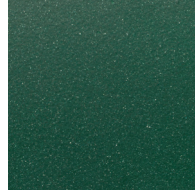
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2-06



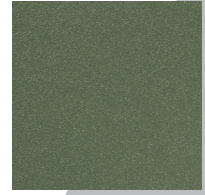
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2-18



2-21



3-08



3-11



3-16



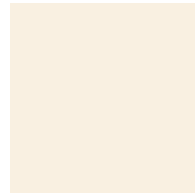
3-17



3-18



P4F3 MAT



RAL 1013



RAL 3002



RAL 5013



RAL 5015



RAL 6005



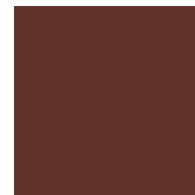
RAL 7035



RAL 7042



RAL 8003



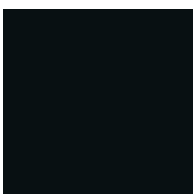
RAL 8011



RAL 8017



RAL 8019



RAL 9005



RAL 9006



RAL 9007



RAL 9016

The material samples printed can differ in colour from the actual product

www.fakro.com



 **FAKRO®**