



Windows

ALLROUND Wood . ALLROUND Wood-Alu
ALLROUND Wood-Alu-Flush . LIGNUMA Wood
RESISTA Wood-Alu . PURISTA (frameless) Wood-Alu



| | ALLROUND Wood | ALLROUND Wood-Alu | ALLROUND Wood-Alu-Flush |
|----------------------------|------------------|----------------------|----------------------------|
| Page | 16-17 | 18-19 | 20-21 |
| Building Depth (mm) | 100 | 105 | 105 |
| Glass Thickness (mm) | 48/50/52/54 | 48/50/52/54 | 48/50/52/54 |
| UW (W/m²K) - windows up to | 0,72 | 0,75 | 0,75 |
| UG (W/m²K) - glass up to | 0,5 | 0,5 | 0,5 |
| Psi-Value (W/mK) - Spacers | 0,025 | 0,026 | 0,026 |
| Low-Energy Standard | x | x | x |
| Frame Connection | Mortise & Tenon | Mortise & Tenon | Mortise & Tenon |
| Comfort Treshold | x | x | x |

| | LIGNUMA Wood | RESISTA Wood-Alu | PURISTA (frameless) Wood-Alu |
|-----------------|-----------------|---------------------|---------------------------------|
| 24-25 | 26-27 | 28-29 | |
| 150 | 150 | 150 | |
| 48/50/52/54 | 48/50/52/54 | 48/50/52/54 | |
| 0,65 | 0,65 | 0,64 | |
| 0,5 | 0,5 | 0,5 | |
| 0,023 | 0,024 | 0,023 | |
| x | x | x | |
| Mortise & Tenon | Mortise & Tenon | Mortise & Tenon | |
| x | x | x | |

| Why our windows inspire: | | | | | | |
|--------------------------|---|---|---|------------|---|------------|
| Integrable Sliding Door | x | x | x | x | x | x |
| Accoya element | | | | (optional) | (optional) | (optional) |
| Exterior frameless | | | | | | x |
| Sealing level | 3 | 4 | 4 | 4 | 4 | 4 |
| Frame-over insulation | x | | | x | x | x |
| Passive house certified | | x | x | x | x | x |
| | warm, temperate climate CERTIFIED COMPONENT Passive House Institute | | warm, temperate climate CERTIFIED COMPONENT Passive House Institute | | cool, temperate climate CERTIFIED COMPONENT Passive House Institute | |
| | | | | | cool, temperate climate CERTIFIED COMPONENT Passive House Institute | |
| | | | | | cool, temperate climate CERTIFIED COMPONENT Passive House Institute | |



ALLROUND

Wood

Natural flair and longevity - our timber window ALLROUND timber exudes nature. The exterior timber window can be made of the weather-resistant timber of your choice. In order to guarantee extended protection against wind and weather, sash cover profiles made of high-quality aluminium can be implemented accordingly. In the interior, the wooden surface guarantees a natural and pleasant atmosphere.

Adapt this product to your needs! We offer a variety of design possibilities. Further information can be found on the back pages.

| | |
|--------------------------|-------------|
| Building depth (mm) | 100 |
| Glass thickness (mm) | 48/50/52/54 |
| UW (W/m²K) -window up to | 0,72 |
| UG (W/m²K) -glass up to | 0,5 |
| Psi-value (W/mK)-spacers | 0,025 |
| Low-energy standard | yes |
| Insulation levels | 3 |
| Drainage levels | 1 |



triple glazing Ug 0.5
- for a maximum insulation value

Spacer -Psi 0,025
- no condensation

Sash cover profiles (optional)
- for protection against rain and snow

Over-insulated frame (optional)
- for the best insulation value



3 sealing levels offer the best protection for all weather conditions.



The **drainage level** prevents any chance of moisture

warm, temperate climate

CERTIFIED COMPONENT

Passive House Institute

CERTIFIED

NAFS

CERTIFIED

ALLROUND

Wood-Alu

Versatility and exceptional resilience - our window ALLROUND timber-alu is a true allrounder. The frame's outer layer is made of high quality aluminium and protects the underlying timber window. The timber window with aluminium is available with two corner design variations and in the colour scheme of your choice.

In the interior, the wooden surface guarantees a natural and pleasant atmosphere.

Adapt this product to your needs! We offer a variety of design possibilities. Further information can be found on the back pages.

| | |
|--------------------------|-------------|
| Building depth (mm) | 105 |
| Glass thickness (mm) | 48/50/52/54 |
| UW (W/m²K) -window up to | 0,75 |
| UG (W/m²K) -glass up to | 0,5 |
| Psi-value (W/mK)-spacers | 0,026 |
| Low-energy-standard | yes |
| Insulation levels | 4 |
| Drainage levels | 1 |

© Andreas Schindl - schlan.at

A true Allrounder

Triple Glazing Ug 0,5

- for maximum insulation value

Spacers -Psi 0.026

- no condensation

Various outer profiles

- round and corner designs

4 sealing levels offer the best protection for all weather conditions.

This system is available in 2 design variants, here with an angular aluminium shell.

This system is available in 2 design variants, here with a round aluminium shell.

18

19

warm, temperate climate



CERTIFIED COMPONENT

Passive House Institute

ALLROUND

Wood-Alu-Flush

A linear and timeless design - our window ALLROUND wood-alu-flush is not just a highlight visually, but ensures exceptional wind and weather protection. On the exterior, our wood-alu window is equipped with a flush-mounted and weather resistant aluminium shell - available in various colours - and on the interior, it offers a natural wooden surface, creating a pleasant atmosphere. A real eye-catcher!

Adapt this product to your needs! We offer a variety of design possibilities. Further information can be found on the back pages.

| | |
|--------------------------|-------------|
| Building depth (mm) | 105 |
| Glass thickness (mm) | 48/50/52/54 |
| UW (W/m²K) -window up to | 0,75 |
| UG (W/m²K) -glass up to | 0,5 |
| Psi-value (W/mK)-spacers | 0,026 |
| Low-energy-standard | yes |
| Insulation levels | 4 |
| Drainage levels | 1 |

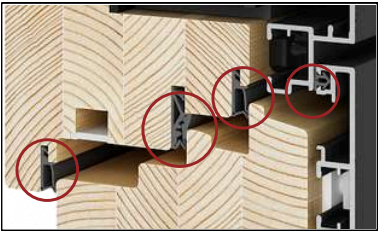
© Christian Flatscher

A real eye-catcher

Triple Glazing Ug 0.5
- for maximum insulation value

Spacer -Psi 0.026
- no condensation

Flush-mounted outer profile
- emphasizes linear optics



4 sealing levels offer the best protection for all weather conditions.



Passive House Windows

LIGNUMA Wood . RESISTA Wood-Alu . PURISTA (frameless) Wood-Alu

cool, temperate climate

CERTIFIED COMPONENT

Passive House Institute

LIGNUMA

Wood

Our passive house window system LIGNUMA offers a natural design and individual colour scheming for the inside and outside. Thanks to the robust and freely selectable wood types, particularly the wooden outer layer, we have created a durable and low maintenance timber window with passive house standards certified by the PHI Darmstadt.

Adapt this product to your needs! We offer a variety of design possibilities. Further information can be found on the back pages.

| | |
|---------------------------|-------------|
| Building Depth (mm) | 150 |
| Glass Thickness (mm) | 48/50/52/54 |
| UW (W/m²K) -windows up to | 0,65 |
| UG (W/m²K) -glass up to | 0,5 |
| Psi-value (W/mK)-spacers | 0,023 |
| Passive house certified | yes |
| Insulation Levels | 4 |
| Drainage Levels | 2 |

The best of nature & technique

Triple Glazing Ug 0.5

- for maximum insulation value

Spacer -Psi 0.023

- no condensation

Additional insulation

- for superior insulation value

Over-insulated frame

- for the best insulation value

4 sealing levels offer the best protection for all weather conditions.

2 drainage levels prevent any moisture.

For this system, we use Accoya wood, which increases our windows' longevity.

cool, temperate climate

CERTIFIED COMPONENT

Passive House Institute

RESISTA

Wood-Alu

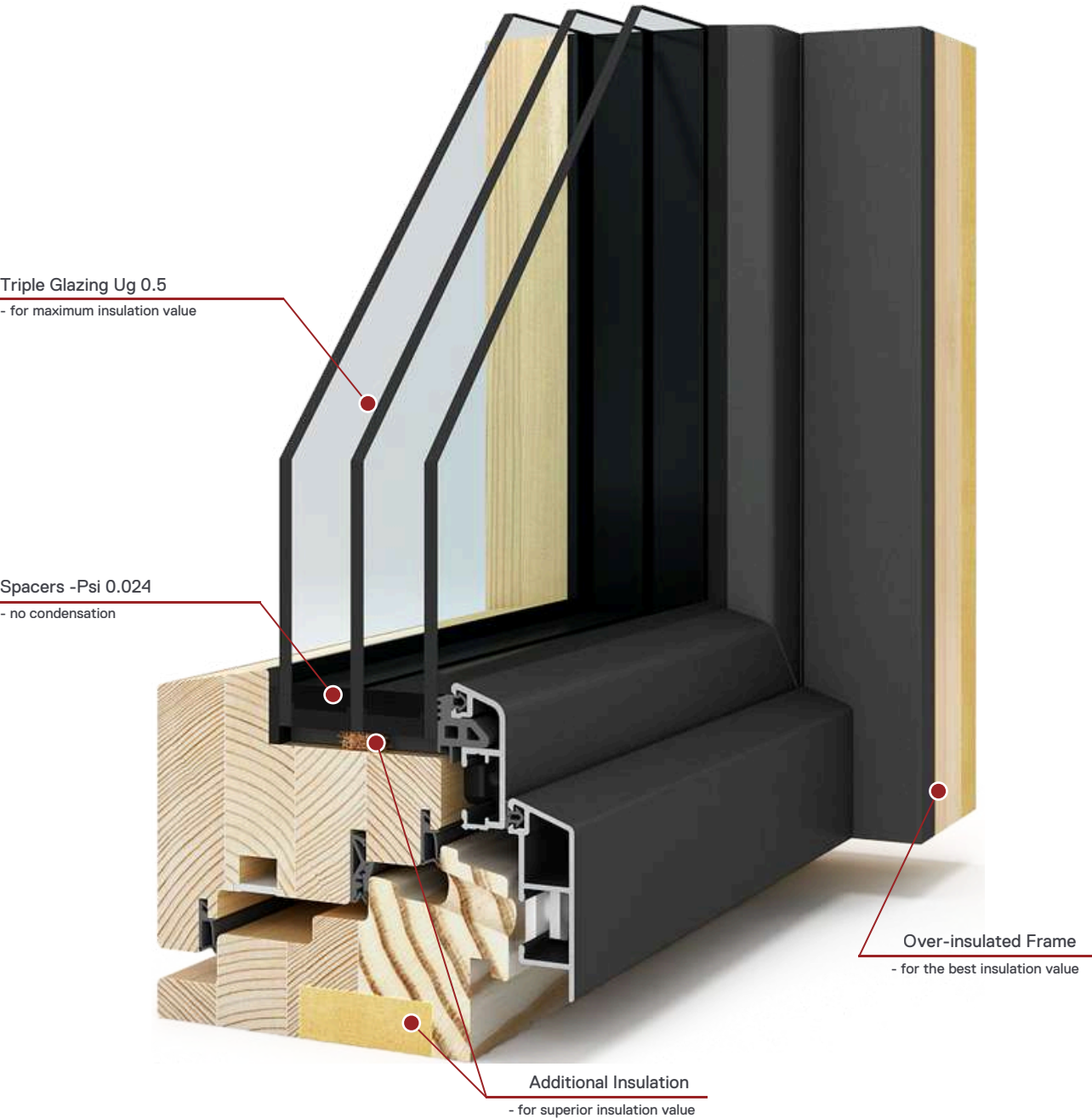
Linear optics and robustness against all environmental impacts - our timber-alu window RESISTA is a certified passive house window and a perfect solution for energy-conscious clients. The outer layer made from robust aluminium protects the underlying wood from wind and weather. The freely selectable wood creates a pleasant atmosphere in the interior. A combination of design and function will offer added value for any home or workplace for many years to come.

Adapt this product to your needs! We offer a variety of design possibilities. Further information can be found on the back pages.

| | |
|---------------------------|-------------|
| Building Depth (mm) | 150 |
| Glass Thickness (mm) | 48/50/52/54 |
| UW (W/m²K) -windows up to | 0,65 |
| UG (W/m²K) -glass up to | 0,5 |
| Psi-value (W/mK)-spacers | 0,024 |
| Passive house certified | yes |
| Insulation Levels | 4 |
| Drainage Levels | 2 |

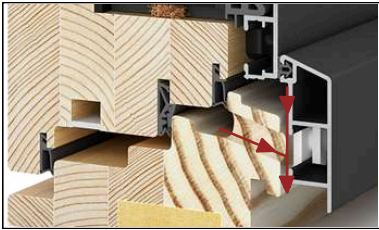
© Michael Voit | Lebensraum Holz

Combination of Design & Function



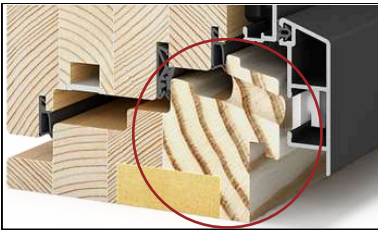
4 sealing levels

offer the best protection for all weather conditions.



2 drainage levels

prevent any chance of moisture.



For this system, we use Accoya wood,

which increases our windows' longevity.

cool, temperate climate

CERTIFIED COMPONENT

Passive House Institute

PURISTA (frameless)

Wood-Alu

A clear, timeless design and highest technical quality - may we present: our window system PURISTA. The frameless timber-alu window enables an exterior view consisting of pure glass thanks to its special construction. It perfectly matches the PANORAMA timber-alu sliding door. In the interior, the wooden surface of the passive house windows create a pleasant living atmosphere. The timber window PURISTA is perfectly suitable for passive houses and certified by the PHI Darmstadt - an energy-efficient window for perfect views.

Adapt this product to your needs! We offer a variety of design possibilities. Further information can be found on the back pages.

| | |
|---------------------------|-------------|
| Building Depth (mm) | 150 |
| Glass Thickness (mm) | 48/50/52/54 |
| UW (W/m²K) -windows up to | 0,64 |
| UG (W/m²K) -glass up to | 0,5 |
| Psi-value (W/mK)-spacer | 0,023 |
| Passive house certified | yes |
| Insulation Levels | 4 |
| Drainage Levels | 2 |

© Alex Greiter

A visionary window

Triple Glazing Ug 0.5
- for maximum insulation value

Spacer -Psi 0.023
- no condensation

Over-insulated frame
- for an all-glass exterior look

4 sealing levels offer the best protection for all weather conditions.

2 drainage levels prevent any chance of moisture.

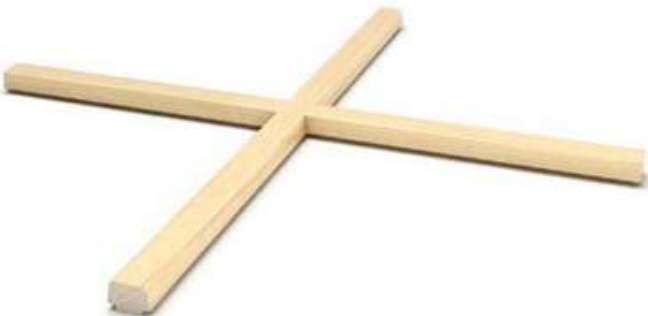
For this system, we use **Accoya wood**, which increases our windows' longevity.

28

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Sash bars for the exterior made of high-quality aluminium.



Sash bars for the interior made of domestic timber.

Standard



Ronny Square



Lockable



Ronny



A bigger selection is of course available upon request.



The „Ronny Flat“ handle for a **minimalistic design**.

The OPTIWIN window systems are custom-made and tailored to your wishes: select from a range of several handle variations - from the standard handle, lockable window handles to high-quality stainless-steel handles. The window handles may be flush-mounted into your window - this creates a smooth looking surface. Immersing the handles is an exclusive service for our customers at OPTIWIN. You have the power to create the external effect of your windows yourself and choose from a variety of different colours.

Our window frames are available in three variations: “classic” with visible fittings, “classic” with hidden fittings and “modern” with hidden fittings (see on the right).

Think about the possibilities of sash bars: OPTIWIN window system sash bars are made of wood for the interior, the exterior may call for an aluminium sash bar - perfectly geared towards your window system.



Perfectly matched interior and exterior **window sills**. With our visibly harmoniously matched OPTIWIN products, you’ll add a huge value to your home.



Perfect windows for your taste



Variante 01: classic with visible fittings



Variante 02: classic with hidden fittings



Variante 03: modern with hidden fittings

Optimize