



Aluminium clad wood windows

DesignLine 0.8 and DesignLine 0.7

The attractive way to save on energy costs (heating or cooling). The DesignLine aluminium clad wood window range combines architectural elegance and state-of-the-art energy efficiency. Uncompromising in terms of aesthetics, it is designed for high-quality residential buildings and building complexes.

DesignLine 0.8 – one pane warmer

For customers not wanting to waste heat or A/C: With triple-pane glazing and argon fill, the DesignLine 0.8 offers excellent value for your money. Compared with normal double-pane insulated glazing, the heat insulation is significantly better.

DesignLine 0.7 – the ultimate in value

Energy savings at the highest level. Thermal value improves by 46% compared to standard windows. This is made possible by a special impermeable core, gas-filled triple-pane glass, "warm-edge" spacers, double-sided (invisible) Low-e-coating and a total glass thickness of $1\frac{7}{8}$ "/48 mm



Energy saving and sound reduction

Thicker glass panes ensure superior sound reduction; triple-pane glass optimizes thermal values, meaning UNILUX triple-pane glazing keeps warmth in and noise out.

Multi-layered wood bonding

Stability guaranteed. Multi-layered bonding equalises stresses between the solid-wood layers and wood surface, thereby ensuring absolute torsional rigidity.

Sliding aluminium cladding

Wood and aluminium expand to differing degrees in heat, so both materials literally need to be given some space. We create this air space by mounting the aluminium cladding onto a slider-coupling rail system.



Uncompromising energy efficiency. Every UNILUX window meets today's high standards for energy efficiency. The solid frame and almost limitless glass options were engineered not only to meet today's standards but tomorrow's also. It can definitely reduce your need for heating or cooling. Ask your UNILUX partner how you can optimise your windows' energy efficiency.



UW
0.8
W/m²K



UNILUX DesignLine 0.8

UW
0.7
W/m²K



UNILUX DesignLine 0.7



Glazing seals

Instead of maintenance-intensive silicon, we use black EPDM, a synthetic rubber with impressive durability thanks to its weather and moisture resistance.



Sleek appearance

No frills, no gadgets. The DesignLine models stand for clear, puristic lines. Timeless window design.



Mushroom pins for added security

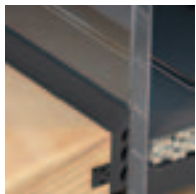
The mushroom-shaped locking device makes break-in attempts harder. Upgradable to 4-fold corner joints (SAFE package) and EN-verified burglar resistance class 2 upon request.

Quality as a standard: the basic UNILUX advantages

As you know from buying cars, some models look cheap at first glance. But upon closer examination, you are incredulous at all the extras charged by the manufacturer.

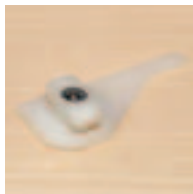
That's not the case at UNILUX. Our basic features in themselves are so extensive, that there is often no need for accessories. Each of our standard aluminium clad wood windows has the following special features:

Glazing seal



Silicon may be cheap, but it fades easily, is hard to clean, and susceptible to cracks and abrasion. UNILUX uses the better alternative: synthetic rubber, which is easy to clean, fade-resistant, long-lasting and hardly noticeable.

Aluminium cladding slider couplings



Aluminium contracts or expands more than wood in cold or hot weather, creating tension on the frame. We prevent this from happening by mounting the aluminium cladding on slider couplings – similar to a rail system. This also ensures the wood is properly ventilated at all times.

Superior-quality wood



Not all woods are the same. To guarantee a consistently high quality of materials, we use our own experienced wood purchasers, even in the most distant of supply countries. The same strict standards are applied during treatment – to ensure the wood has a long and healthy life.

Security



Every standard UNILUX aluminium clad wood window has a mushroom pin in its fittings, which greatly prevents the window from being pried open. All locking parts are also made from high-quality materials, providing added security.

Aluminium powder coating



"The exterior paint has chipped" is a phrase unfamiliar to UNILUX customers. Because our aluminium clad wood windows are made using aluminium powder coating, which has been tried and tested in the automotive industry. The result is highly robust paintwork able to withstand even the harshest of elements.

Embedded (recessed) lock keepers



Impressive not only aesthetically, but also from a security perspective – due to being recessed compared to screwed-on locking parts. And the window frames are also easy to clean due to the fact that all the metal parts are recessed/embedded.

Extra perfect: the UNILUX optional advantages

Special circumstances require special solutions. That's why UNILUX offers exclusive added value when it comes to security, material protection and energy usage.

These additional benefits also give you the peace of mind of knowing you have the ultimate aluminium clad wood windows. Perfection, made by UNILUX.

Added security: SAFE



We offer special alarm system and SAFE ranges for maximum protection. SAFE II and SAFE III are an affordable and effective way of making things difficult for burglars. UNILUX provides the right solutions, from the 4-corner security locks – in which sturdy mushroom pins firmly grip the locking parts of all 4 corners of a window sash – to the A1 safety glass. For higher standards, there is also the EN 1627ff-certified security of resistance class 2.

Plus: Aneloxal coating



It's not just acid rain which can corrode metal. Salty sea air can also have aggressive, negative impacts up to 60 miles/100 kilometers inland – including on stainless steel. Pre-anodising, – the "aneloxal" process – effectively prevents corrosion. We are one of the very few manufacturers to use this form of coating at customers' requests, thereby ensuring UNILUX aluminium clad wood windows remain a symbol of durability, even in coastal areas.

Extra warmth: Triple glazing

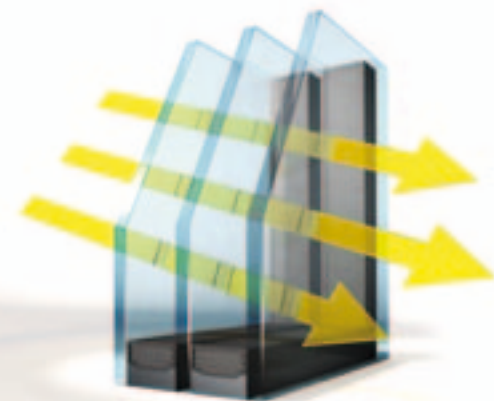


Triple-pane instead of dual-pane. The additional pane further improves Thermal properties, thereby lowering energy costs, and as the triple pane glass is between 1 1/2"/40mm and 1 7/8"/48mm thick, it can also be effectively sound-proofed.

Solar gain: ThermoWhite3

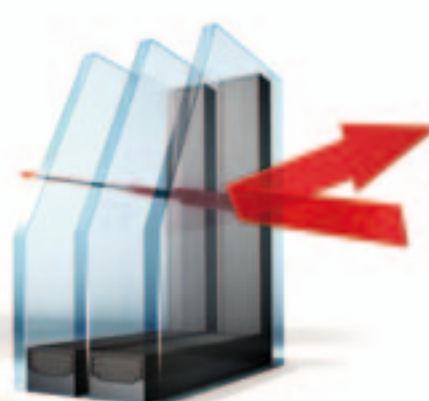


A 3-pane insulated glazing option which does more than just keep the cold out. Thanks to a new, invisible Low-e coating, you can more intensively utilise the energy from the sun's rays. More solar heat finds its way into the house. And this coating – combined with the argon gas fill – ensures it stays there.



Coating for ThermoWhite3

The special coating lets more sun and warmth in.



Argon gas fill

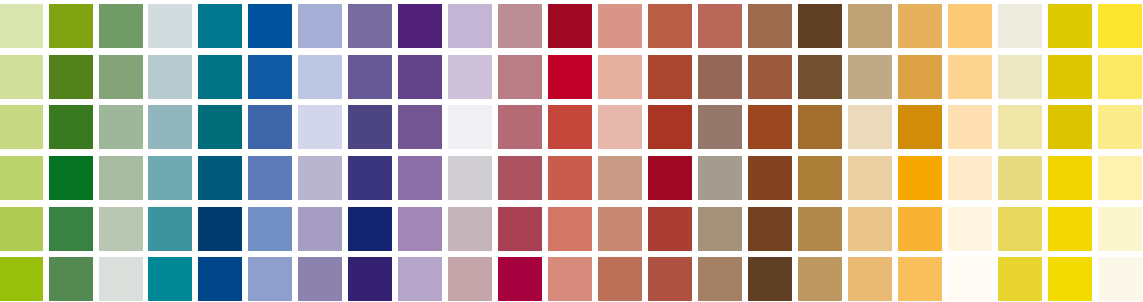
While the heat "ricochets" around inside and remains in the house, thanks also to the argon gas fill.

Freedom of design in terms of material and colour

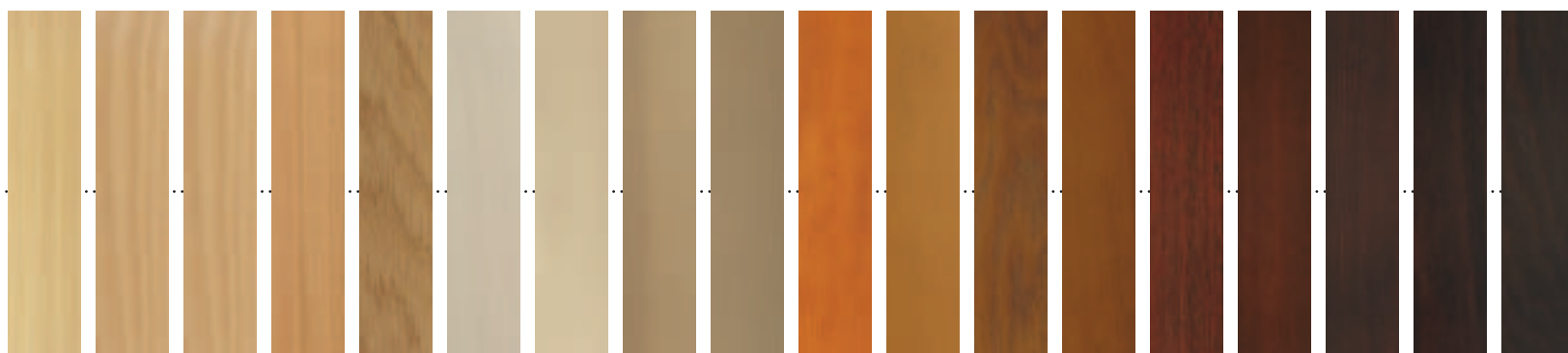
How many different tastes are there? Around 2 million when it comes to wood and color. Because that's how many combination options you have for your individual UNILUX aluminium clad wood windows. Find out which wood species goes best with which color, and which pattern goes with the aluminium cladding.



Choose from 5 wood species and 192 colors (167 RAL opaque colors and 25 finishes) for the internal design (the wood species and wood coating), while the outer design (aluminium cladding) has even more options, allowing you to choose from over 2,100 colors and patterns (RAL, NCS, DB, Eloxal (anodized aluminium coating) and white-pigment colors, as well as wood patterns).



Colors may vary due to printing.



Choose from the following wood species: Pine, oak, alder, larch and exotic wood, as well as 20 transparent or semi-transparent finishes.



Oak

Alder



You love wood

Wood is a living material, so it's nice if you can incorporate it into your living space. UNILUX aluminium clad wood windows bring this vitality to your living room.



Your world is colorful

Colors are an expression of personality and attitude towards life. Show off your taste and choose from a range of colors which leaves nothing to be desired.



It's your choice

Even when it comes to wood colors, UNILUX always gives you the choice. Select from a wide variety of wood species, and make the most of the options for designing the wood's color scheme.

Endless variety of shapes

There are practically no limits when selecting the shape of your aluminium clad wood windows. Triangular or circular window? Sectional or semicircular arch? With or without SDL or TDL bars? Your specialised UNILUX trade partner will show you what's possible.



A handle on design

Design you can grab: Every UNILUX handle is not only a solid piece of "Made in Germany" workmanship, but also a visual gem. A tool enabling you to express your taste and style.

