



## System Alux timber · aluminium

 **Hvidbjerg** VINDUET

Maintenance free windows and doors



System Alux – a beautifully designed timber · aluminium window that compliments your home and only requires a minimum amount of maintenance

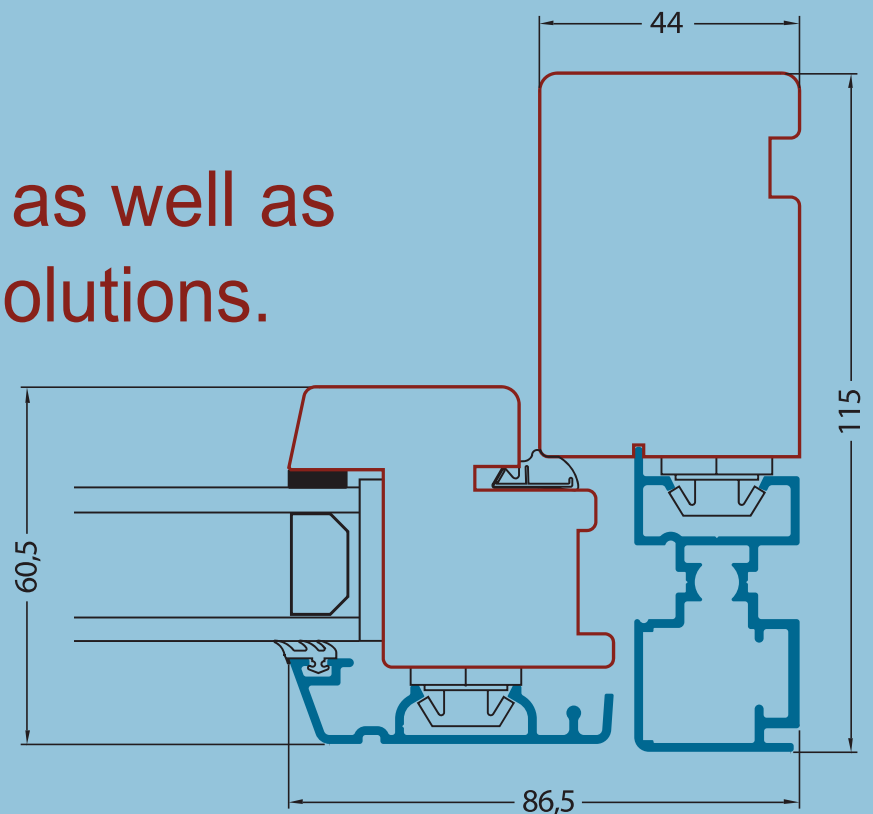
Danish design and quality. System Alux consists of a range of high performance products where Danish design and craftsmanship combine to form a partnership of genuine quality





# System Alux

– for traditional as well as contemporary solutions.



System Alux offers a range of well designed products. With a 115 mm frame depth and combined sash/frame dimensions close to those of traditional windows, System Alux is suitable for both new buildings and replacement. Its slim profiles also ensure maximum daylight penetration.

Opening sashes are constructed using an external aluminium profile with a glazing bead marking. The outside aluminium section has been mounted on the timber profile by means of plastic clips. The spacing between the two materials prevents condensation.

Instead of just an aluminium-clad exterior, System Alux has been designed as an aluminium composite product. This means that frame edges and drain zones are also made in powder-coated aluminium. The aluminium section has a powder coating of gloss 70-77 with a film thickness of 60-120 microns.

Inside the timber profiles are in pine with 90-100% heartwood used. Only timber from slowly growing Scandinavian pine tree forests are used.

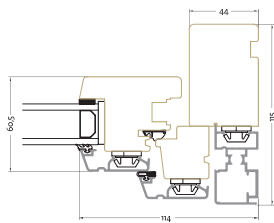
Our manufacturing process ensures that 100% heartwood is always facing outward. This means that the environmentally harmful vacuum treatment is omitted from the process and replaced by priming with a fungicide against rot and fungi. The timber section is then finished with a two-coat, water-based paint or translucent stain with a film thickness of at least 80 microns.



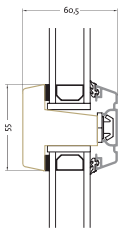
The frame depth of System Alux is 115 mm and the combined sash/frame dimension of opening windows is only 86.5mm (91.5mm on top-swing windows). Glazing bars are available in several dimensions and are, as with sash profiles, available with or without mouldings, according to your requirements.



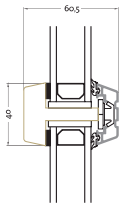
Sash/frame  
outward opening



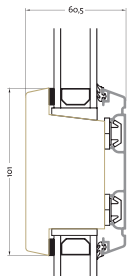
Sash/frame  
inward opening



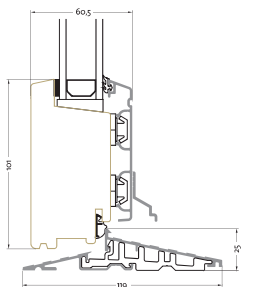
55 mm  
glazing bars



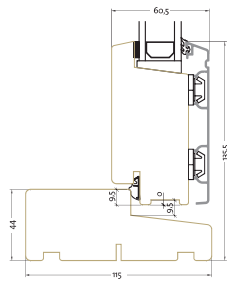
40 mm  
glazing bars



110 mm  
mid-rail

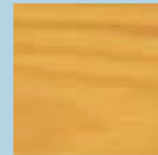


Low aluminium threshold,  
inward opening doors



Hardwood threshold,  
outward opening terrace doors

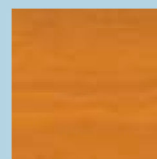
System Alux products are powdercoated on the outside to the standard Ral colour of your choice. On the inside, choose between two coats of waterbased paint in standard Ral colour or the translucent stains shown below.



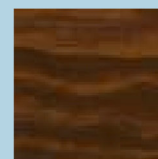
GORI Clear



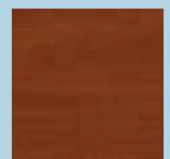
GORI Toscana



GORI Pine



GORI Nød



GORI Teak



New windows and doors should compliment a building's design and architectural lines to achieve maximum effect. This is true for both new and existing buildings. Aesthetics, functionality and maintenance are important factors to consider when choosing your new windows and doors.

Hvidbjerg Vinduet were very conscious of this when they were developing System Alux. System Alux offers a suite of maintenance-free windows and doors that consists of aluminium on the outside to protect against all weather conditions and Scandinavian Pine with 90-100% heartwood on the inside to add to the warmth and beauty of your home.

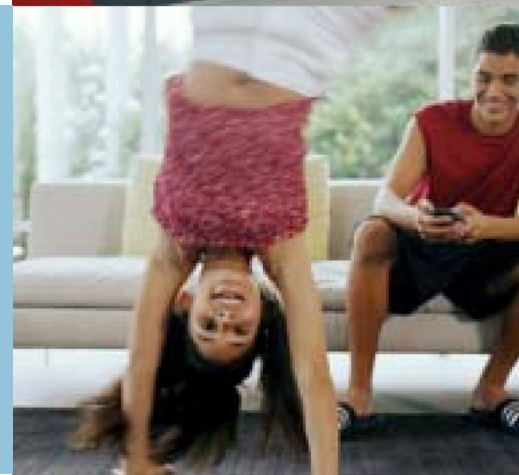
Sash, frame and glazing bar dimensions have been designed in proportion to resemble the traditional type window. Whether you choose classic window solutions for an existing house or prefer large window screens, System Alux will always provide the optimum solution. Low E glass is standard and can be combined with safety glass and other types of functional glazing.

System Alux windows and doors are available in many sizes, combinations and types according to the needs of the customer. System Alux is available in top-guided or side-hung solutions. If the outside panes have to be cleaned from the inside top-swing-, side-guided- or tilt & turn windows are recommended. All windows are available with air vent as standard.

Fixing System Alux units is easy and can be carried out according to traditional methods.

System Alux provides you with all the advantages. A beautifully designed window internally and externally that would compliment any building and only requires a minimum amount of maintenance.

Sections and more product information are available on [www.hvidbjergvinduet.com](http://www.hvidbjergvinduet.com)







System Alux requires a minimum amount of maintenance. Hinges and espagnolettes should be lubricated once a year. Aluminium profiles can be washed with car shampoo once or twice a year to preserve its appearance.

Hvidbjerg Vinduet has produced maintenance-free windows and doors since 1975. Quality and design have always been a top priority. This has also been the case when we developed our System Alux which allows us to offer maintenance-free, high performance timber · aluminium windows and doors in a stylish design. Hvidbjerg Vinduet is a contract manufacturer with state-of-the-art production facilities, enabling us to supply solutions that match each building according to each customer's individual requirement. All products of Hvidbjerg Vinduet are quality assured according to DVC (Danish Window Certification). A five-year warranty is provided in accordance with the terms and conditions of DVC and VSO (Cooperation Organisation of Danish Window Manufacturers).

You may contact Hvidbjerg Vinduet at any time for advice and guidance in connection with specific construction projects. Please use the phone number or e-mail address below to contact us. For further information about our company and products, please visit [www.hvidbjergvinduet.com](http://www.hvidbjergvinduet.com)

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