

# Let the quality shine through



Inspiration guide for detached houses, farmhouses, linked houses, town houses and double houses



Futura



Futura



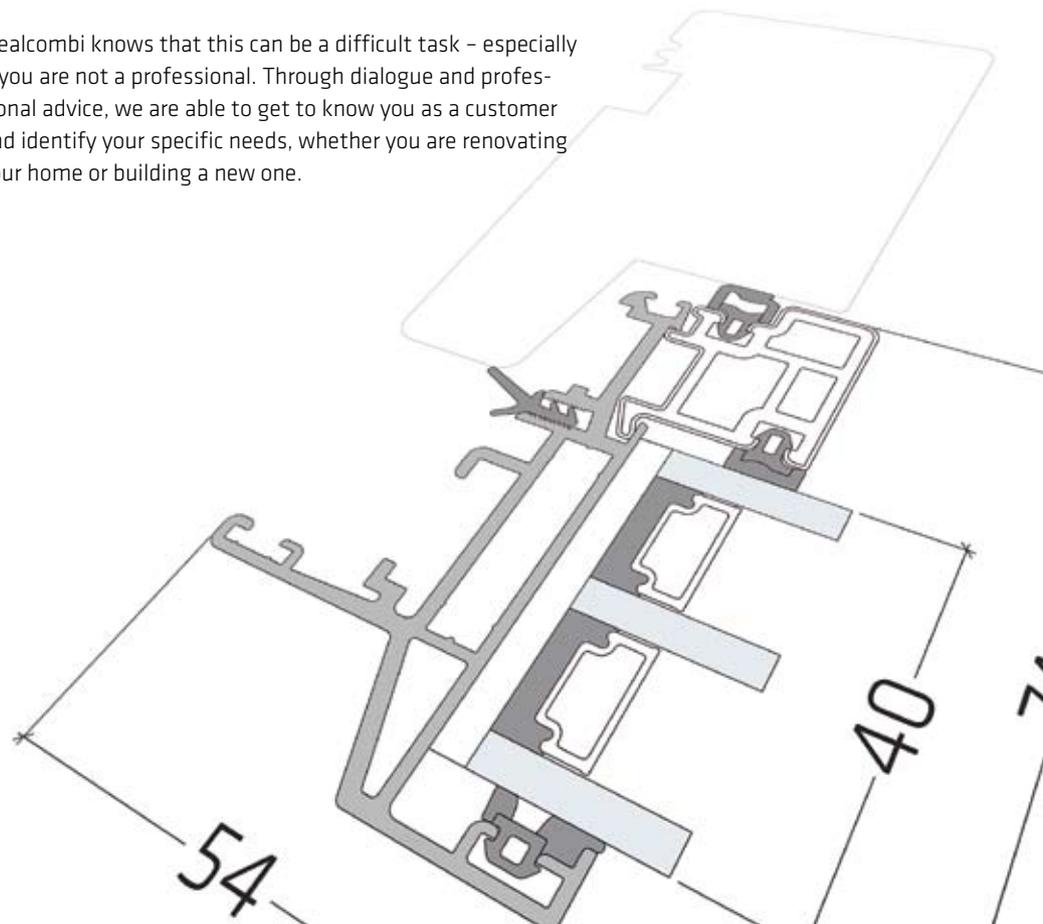


# Tradition and technology is your guarantee

Idealcombi has been based in Hurup in Thy, Jutland since the first window was made in 1973, and today its headquarters comprise 88,000 sq m for production and administration. We have manufactured high-quality windows and doors for more than 35 years, and today we can offer Denmark's widest product range with five product series within wood or wood|aluminium windows and doors.

Classic, modern, simple or timeless. Our approach has always been to combine solid Danish craftsmanship and tradition with the latest technology. This has earned us a position as one of the leading companies in the Danish market. A market which offers a large selection of windows and entrance doors. As a consumer, it is, therefore, even more important that you ensure that the quality, energy and safety standards of the products are high before making your choice. It is also important that you find a solution that matches your requirements and the architectural style of your home.

Idealcombi knows that this can be a difficult task – especially if you are not a professional. Through dialogue and professional advice, we are able to get to know you as a customer and identify your specific needs, whether you are renovating your home or building a new one.

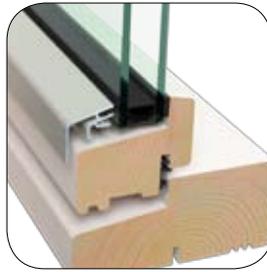


# Five product series that meet any requirement

Every house has its own character and architectural style. Idealcombi is the natural choice for facade solutions – large or small for new or old buildings. Through our five individual product series in wood and wood|aluminium, we offer solutions for renovation work, construction of new buildings and extensions. The designs range from classical, simple and timeless styles to contemporary, slim and functional lines. Our raw materials are made from slow-growing pine trees sourced from sustainable forests in Northern Scandinavia. The top-quality wood is processed in selected sawmills where it is scanned for knots and star shakes. All this helps to ensure minimum maintenance and long durability.

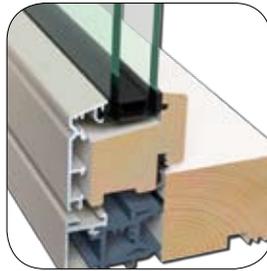


natura  
wood



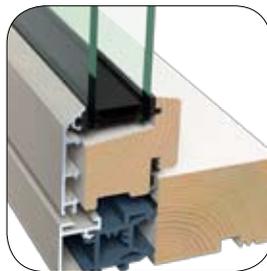
**Natura** is our classic range of quality-optimised pine windows and doors. With its classic profiles, Natura represents beautiful, Danish and original design. This, combined with solid heartwood for all surfaces and rebates outside the sealing plane, make the series extremely suitable for both renovation work and traditional new building projects.

frame  
wood|aluminium



**Frame** was Idealcombi's first series of wood|aluminium windows and doors. The series' classic and timeless design reflects the lines in this traditional wood series. This, together with the maintenance-free wood-aluminium combination, makes Frame our most popular product series.

nation  
wood|aluminium



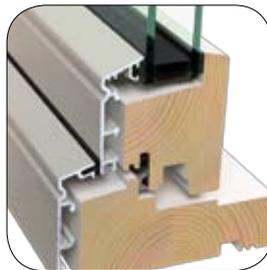
**Nation** is specially developed and designed for renovation projects in older residential properties or for new buildings where the facade architecture and the aesthetics of the property demand a look that resembles traditional windows where the glazing was secured with putty. Nation was designed in collaboration with selected planning experts in facade renovation as well as Copenhagen's city architect. Nation has been developed according to old traditions, but in wood|aluminium, so the window never needs painting.

futura  
wood|aluminium



**Futura** is a modern wood|aluminium product series developed for new buildings. The simple and functional design of the series creates slim and elegant lines, which also allow in more light. The design is easy to maintain and can also be integrated with other Ideal Combi product series, enabling you to create a wide range of individual facade solutions.

contura  
wood|aluminium



**Contura** comprises inward opening wood|aluminium windows and doors. The design of the series has been developed together with the external profiles of the Frame and Nation series. This opens up countless possibilities for numerous combinations with outward opening elements in the same external design.

# We develop the window

At Idealcombi we devote many resources to continuously developing windows and doors that meet the design and functional requirements of users and architects. We are therefore proud to be able to offer Denmark's widest range of classic and modern wood and wood|aluminium window and door systems. Our range that can meet any need within renovation or the construction of new buildings:

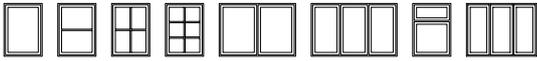
- Top-hung windows**
- Top-guided windows**
- Top-swing windows**
- Side-hung windows**
- Country style windows**
- Side-guided windows**
- Side-swing windows**
- Fixed windows**
- Glass to glass**
- Wall cassettes**
- Fire windows**
- Shutter elements**
- Inward opening windows and doors**
- Entrance doors**

- Terrace doors**
- Flush doors**
- Sliding doors**
- Mullions and cross mullions**
- Alternative frames and sashes**
- Sash bars**
- Panels**
- Spandrels**
- Grooves and rebates**
- Drips**
- Corner solutions**
- Installation details**
- Accessories**
- Special units made to measure**

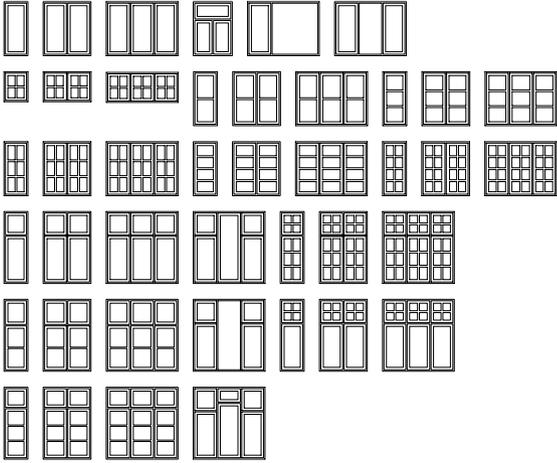
Whatever product you choose, you will get a quality product with long durability requiring a minimum of maintenance. See more at our website [www.idealcombi.dk](http://www.idealcombi.dk)



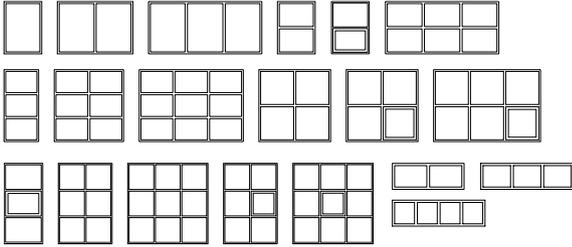
Top guided | top swing reversible



Side hung | side guided

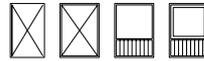


Fixed light

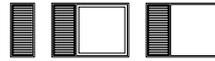


Example of front views - windows

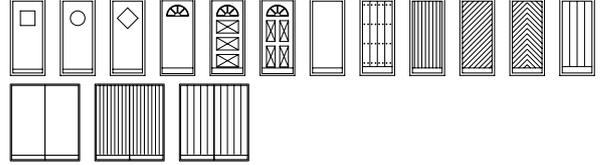
Spandrels



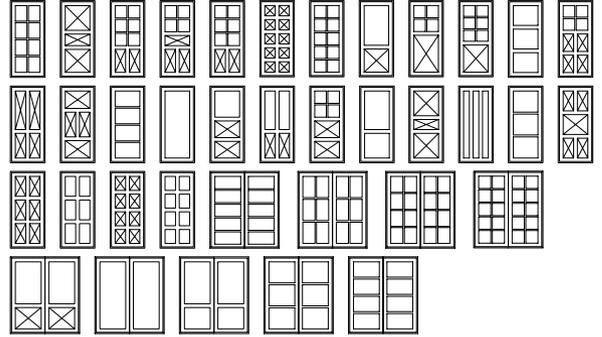
Louver panels



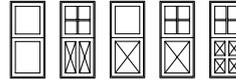
Flush doors



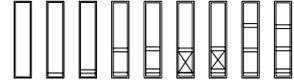
Inward and outward opening entrance and terrace doors



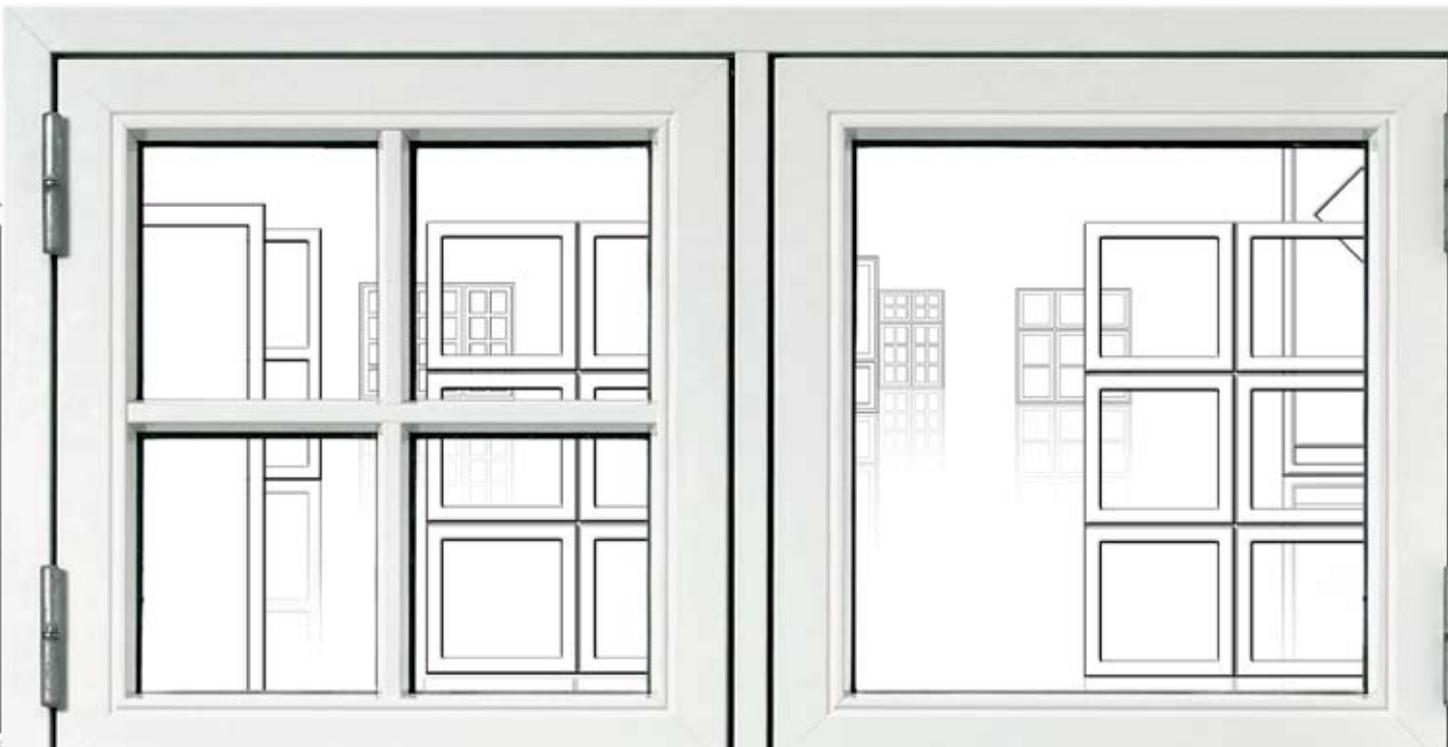
Outward opening stable doors



Fan lights



Example of front views - doors





Frame



Frame



Frame



Nation



Frame



Frame



Frame





# Easy for you - difficult for the burglar

## **Secured by Design**

Secured by Design is a UK police initiative which supports the principles of "designing out crime" by the use of effective crime prevention and security standards. Security performance will be a significant factor when it comes to selecting your windows and doors. Idealcombi's experience with Housing Associations, community developments and commercial projects, means that the security and safety of our windows is second to none.

Idealcombi has a wide range of products available to 'Secured By Design' specification which have been tested and marked according to several European standards and we always maintain the pace of change by keeping our accreditation fully up to date.

To be certified under the initiative, a particular window frame or door frame and corresponding lock and hardware set has to withstand a series of physical tests based on common burglary methods.

## **Stay bolts**

The stay bolt 'stays' in the striking plate when the element is closed and forms an extremely strong and tight unit, making it difficult to force a crowbar or any other tool in between the sash and the frame on windows and doors.

## **Safety striking plates**

The safety striking plate for windows and terrace doors has been designed especially for the stay bolts and is adjustable. It is mounted with both front screws and inclined frame screws, providing the striking plate with increased resistance to forcible wrenching and impact.

## **Entrance doors/terrace doors**

Entrance and terrace doors can open outward or inward. Our doors are as standard equipped with espagnolette locks and three closing points in the handle side. The three-point closure ensures that the door closes tightly and offers better protection against burglary.

Terrace doors can be equipped with a safety catch, key lock or a continuous handle.

Let Idealcombi help you find a solution that makes you and your family feel safe.





Frame



Frame





Futura



Frame



Frame



Frame



Natura



Frame



Frame



Frame



Frame



Frame



Frame



# Only the best materials will do



Quality is at the core of everything we do: work processes, materials, advice, products and delivery. We want our customers to see us as a dependable and equal partner, and we do our utmost to offer the best products and professional advice. We also measure quality vis-à-vis the maintenance requirements and the ease of cleaning and servicing. It is therefore important for us to always stay at the forefront in relation to the development of constructions, processing methods, materials and functions.



## Wood

The hard core of the wood – the heartwood – is the most important part of the wood. The share of heartwood is 100% in all external and exposed surfaces and all rebates. We only use pine from slow-growing, sustainable forestry in northern Scandinavia where the highest quality and the largest content of heartwood is found.

Idealcombi was the first manufacturer in Denmark to introduce quality optimisation of raw wood using scanning (WoodEye). Cameras scan the wood for defects on all four sides and the defective areas are removed by an automatic saw.

The purpose of this process is to achieve dimensional stability and reduce the number of knots and defects in the wood and thereby avoid yellow blotches and resin seepage.



## Aluminium

Aluminium is processed in Denmark. The finished aluminium profiles are later powder coated by external business partners, while the production cutting is carried out at the Idealcombi factory in Hurup, Denmark.



## Superior standards

In addition to wood and aluminium, our products consist of a number of thoroughly tested technological materials from weather strips and composites to surface treatment. This ensures that our products constantly meet current and future requirements. Furthermore, all Idealcombi products are delivered with clear, A-labelled super low-E glass, ensuring a better environment for us all and effective heat savings.



## Triple glazing

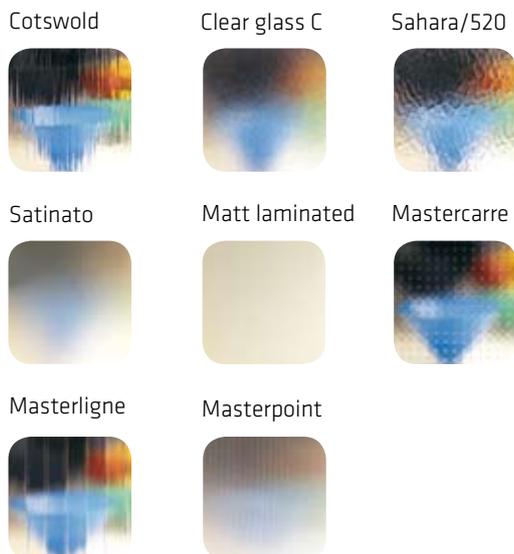
Our inward opening and outward opening product series are available with triple glazing, optimising the window's U value and reducing its heat loss.

# The choice is yours...

## Colours



## Glass



## Colours

'15 carefully selected standard colours' All IdealCombi elements are supplied fully surface treated. We have selected 15 standard colours which are offered on all internal and external unit surfaces. We only use RAL colours and, in addition to our standard colours, we also offer other RAL colours at an extra charge.

## Glass

Glass and panes are now so advanced that basic needs such as protection against wind and weather, and keeping unwanted views and daylight out are supplemented by a multitude of other functions such as personal safety, sound insulation, sun screening, heat insulation and much more.

Idealcombi offers a wide range of panes, such as E-glass, solar control glass, acoustic insulating glass, translucent glass, facade glass, safety and security glass, fire protective glass and glass with integrated blinds. Our comprehensive range of panes meets all the requirements for insulation, sound and light transmission and breaking strength.

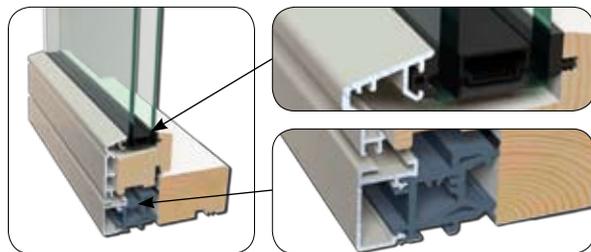
## Glass warranty

Idealcombi offers a 10-year warranty on all wood|aluminium windows, doors and glass as well as a 5-year warranty on all E-glass panes.

## Warm edge

Warm edge is a thermoplastic spacer that minimises the thermal bridge at the edge of the pane, thereby contributing directly to reducing the window's total heat loss. This is not only good for the environment and your heating bill, it also increases the temperature along the edge of the pane, thereby reducing the risk of internal condensation forming in the rim zone.

Idealcombi uses warm edge as standard on all units and the dark spacer gives the window an attractive and harmonious look.



*Top right: Warm edge is standard on all Idealcombi product series. The traditional steel spacer has been replaced with a thermoplastic spacer.*

*Bottom right: Part of the aluminium spacer has been replaced with a composite material which is less cold-conducting.*



# Professional advice all the way

Before you buy new windows and doors, there are some general issues you need to consider.

- Should you choose solid wood or combined wood|aluminium?**
- What matches the architectural style of your home?**
- Do you have any requirements for the internal and external appearance of the unit?**
- Are there any regulatory restrictions?**
- Does the construction of the house place any special requirements on the unit?**
- Should the windows/doors open inward or outward?**
- Do you need several window units - vertical/horizontal?**
- What requirements do you have for opening and closing?**
- Do you have any special requirements for light and sound insulation?**
- Which colours look best - outside/inside?**
- Do you need any accessories?**

You may already know the answers to these questions, but you are, of course, also welcome to ask our advice, which is based on many years of experience and comprehensive knowledge of our products.

# Accessories increase your options

Additional accessories give you more options for using your doors and windows. Different handles, additional window stays, safety catches, coloured ironmongery and integration units are just some of the accessories you can find in Idealcombi's comprehensive range of accessories. Idealcombi also offers a wide range of accessories for windows and doors. Learn more about what you can use the accessories for while choosing new windows and entrance doors.



Trickle vent



Espagnolette handle



Handle with safety catch



Locking handle



Electrical striking plate



Stay bolts



Safety striking plates



Easy-clean hinges



Reversible hinge



Flush bolts on floating mullion



Rattle-free window stay



PN safety catch

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



For more inspiration, log on to [www.idealcombi.com](http://www.idealcombi.com) or visit our showroom in Bedfordshire.



Distributed by:



**Ideal House**  
 Carlton House 1, 66-68 High Street, houghton regis  
 Bedfordshire, LU5 5BJ, United Kingdom  
 Tel.: 01582 860 940 • Fax: 1582 860 949  
 info@idealcombi.dk • www.idealcombi.dk

**Idealcombi A/S**  
 Nørre Allé 51, Postbox 119, 7760 Hurup, Denmark  
 Tel.: +45 96 88 25 00 • Fax: +45 97 95 14 09  
 info@idealcombi.dk • www.idealcombi.dk