



BESPOKE WINDOWS

Your inspiration
guide for new
windows & doors

Continuing to
drive window &
door innovation

idealcombi 





Our core values and innovation

The Idealcombi factory is located in Thy, Northern Denmark and is the country's largest manufacturing facility for windows & doors.

The company is a family run business and was founded in 1973 by the two brothers, Henning & Bent Søgaard, in their parent's barn in Ørum, Thy.

In 1981 the company became a limited company with 20 employees, and after only a few years, a new factory was opened in 1984 in Hurup. The factory was 3,500 m² and this has now grown to 110,000 m².

The management is now headed by the next generation, Martin & Mikael Søgaard who took over from their fathers who continue to be a part of the group of owners.

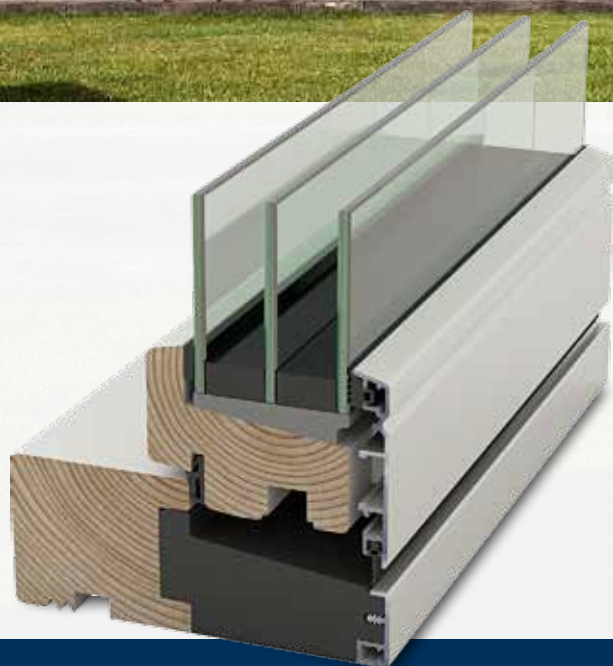
Ever since the first window was manufactured in 1973, Idealcombi has been located in Hurup in Thy, manufacturing high quality windows & doors for more than 40 years. Idealcombi offer Denmark's most innovative product line with five product series of combined wood|PUR|aluminium.

Idealcombi has always focused on combining solid, Danish workmanship and tradition with the newest technology. This is why today Idealcombi is a market leader and drive innovation in the industry. The UK window and door market currently offers a large selection of windows and doors. It is therefore even more important that you, the customer, makes sure that the product quality, energy and safety requirements are satisfactory before you make your final choice. At the same time, it is a matter of finding the solutions which match your specific requirements, your needs and the domestic architecture.

At Idealcombi we understand that choosing a window and door supplier can be a daunting thought but we try to simplify the process as much as possible.

We look forward to working with you and your project.

Yours sincerely
Claus Winther
Director COO



Triple glazing:

U-values from 0,77 W/m²K

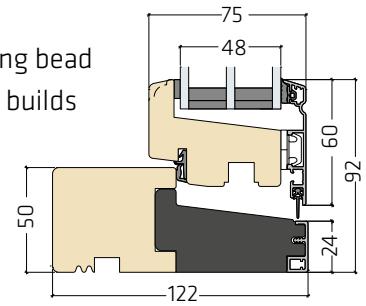


Frame IC

WOOD|PUR|ALUMINIUM

Traditional, low-maintenance design
...in a new energy construction

Frame IC has an external look-a-like glazing bead and is used for all types of buildings, new builds as well as renovations and extensions.



Window Functions



Top Guided



Top Swing Reversible



Side Hung



Side Guided



Glass to Glass Corner



Fixed Light



Louvre Panel

Door Functions



Outward opening entrance door



Inward opening entrance door



Outward opening terrace door



Inward opening terrace door



Outward opening stable door



Outward opening flush door



Inward opening flush door

Double glazing:

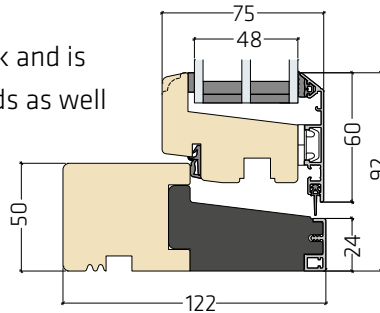
U-values from 1,32 W/m²K

Nation IC

WOOD|PUR|ALUMINIUM

Traditional, sash/frame window
...in a new energy construction

Nation IC has an external putty-like look and is used for all types of buildings, new builds as well as renovations and extensions.



Window Functions



Top Guided



Top Swing
Reversible



Side Hung



Side Guided

Door Functions



Outward opening
entrance door



Inward opening
entrance door



Outward opening
terrace door



Inward opening
terrace door



Triple glazing:

U-values from 0,77 W/m



Double glazing:

h^2K *U-values from 1,32 W/m²K*



Triple glazing:

U-values from 0,87 W/m²K

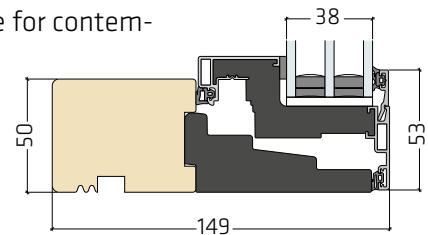


Futura+

WOOD|PUR|ALUMINIUM

Narrow frames
... high energy performance

Futura+ has an external 53 mm slim aluminium profile making it the perfect choice for contemporary commercial and domestic projects.



Window Functions



Top Guided



Top Swing Reversible



Side Hung



Side Guided



Glass to Glass Corner



Fixed Light



Louvre Panel



Acoustic window

Door Functions



Outward opening terrace door



Sliding door



Double sliding door



Low threshold sliding door

Double glazing:

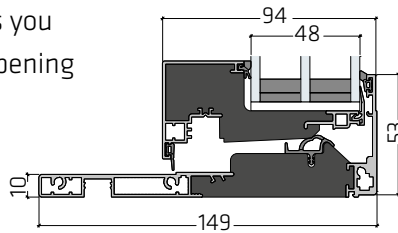
U-values from 1,30 W/m²K

Futura+i

ALUMINIUM|PUR|ALUMINIUM

Elegant, narrow and inward opening
... minimal maintenance

Futura+i has the same 53mm slim external profile as Futura+, which means you can combine inward and outward opening windows in your project.



Window Functions



Tilt



Tilt-turn



Fixed light

Door Functions



Tilt-turn terrace door



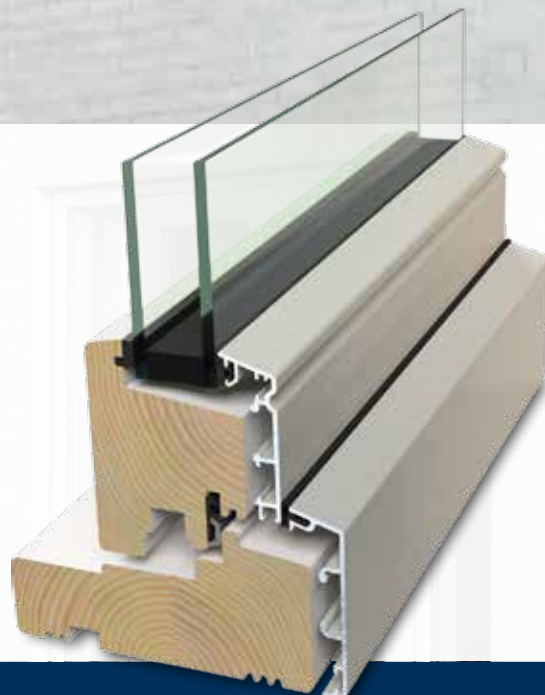
Triple glazing:

U-values from 0,83 W/m²K



Double glazing:

m^2K *U-values from 1,39 W/m²K*



Triple glazing:

U-values from 1,14 W/m²K

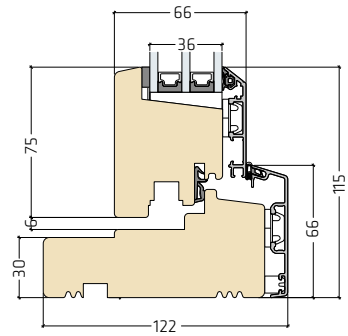


Contura

WOOD|ALUMINIUM

Inward opening
... good energy performance

Contura has been designed to match the external profile of the Frame IC and Nation IC product series and provides inward opening functionality.



Window Functions



Tilt-turn window

Door Functions



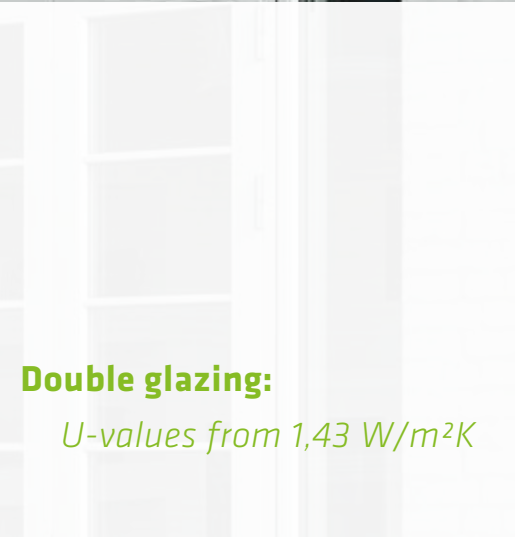
Tilt-turn door



Tilt-slide door

Double glazing:

U-values from 1,43 W/m²K







Secure as standard

Easy for you ...difficult for the intruder

If the thief wants in, he will find a way. Security features are therefore specifically about making it as difficult as possible for the thief. The more time-consuming, difficult and noisy it is to force a window or a door open, the higher the chance that he will give up. Safety measures are standard in all of Idealcombi's one-handle series.

Bolts and keeps

The mushroom bolts which are part of the espagnolette locking of the window and the keeps make sure that the element is tightly closed. Windows and terrace doors are equipped with adjustable mushroom bolts and solid security keeps while the entrance doors have solid forged hook bolts and adjustable security keeps.

The security keeps for windows as well as doors are designed specifically for the bolts and are mounted with front screws as well as inclined screws in the frame which strengthens the keep against twists and strains. The bolts and keeps are continuously adjustable so the correct locking pressure can be found. This ensures an optimal tightness between sash and frame.

Three locking points in all doors

As standard, all of Idealcombi's entrance and terrace doors are equipped with an espagnolette lock and 3 locking points. The three-point locking seals the door and secures it effectively against burglary. The entrance doors are also equipped with a hook bolt in the middle of the espagnolette by the rebate in the lock case which makes it even harder to break open the door.

Secured by Design

Approved Document Q sets out the minimum standard for windows and doors being installed in all new dwellings and extensions. Windows installed which are easily accessible i.e. ground floor/basements, must meet or exceed the security requirements of PAS 24:2012.

This requirement is designed to ensure windows and doors resist physical attack by a casual or opportunist burglar by being sufficiently robust and fitted with appropriate hardware.

To ensure compliance, Idealcombi are members of the UK Police initiative 'Secure by Design', which ensure all tested products are third party accredited.



Let Idealcombi help you find a solution which will make you and your family feel safe.



5 product series ... designs for any task

Every house has its own character and architecture. Idealcombi is the natural choice for facade solutions - large and small and for new as well as old buildings. With our five individual product series - made of WOOD|PUR|ALUMINIUM - we offer solutions for renovations, new buildings and extensions. The design covers the classic look and the simple and timeless look as well as the modern, slim and equal lines.

Innovation is a fundamental focus in our work, and we continuously work to be number one when it

comes to developing windows and doors for current and future needs - the most important parameters are design, function, energy consumption and environmentally friendly manufacturing.

Warranty on elements and glass

Idealcombi offers a 10-year warranty on all windows and doors made of WOOD|PUR|ALUMINIUM. Furthermore, there is a 10-year warranty on all window panes, not including thermal ruptures which are covered by the property insurance.





Additional confidence when choosing your window Professional consulting all the way...

There are a few general things to consider before choosing your windows and doors.

Should you choose Frame IC, Nation IC, Futura+, Futura+i or Contura?

What matches the architecture of your home?

Do you have any wishes regarding the internal or external look?

Are there any government restrictions?

Are there any special requirements based on the construction of the house?

Should the windows/doors open inward or outward?

Do you want several lights - vertical/horizontal?

Which requirements do you have for the opening and closing?

Do you have any special requirements for light and sound insulation?

Which colours match the best - internal/external?

Do you need any accessories?

Maybe you already have the general answers to these questions, but please feel free to make use of our consulting which is based on many years of experience and a solid knowledge of our products.

See, touch, and feel the quality

The “Idealhouse” in Milton Keynes is our UK headquarters & knowledge centre for our windows & doors.

The showroom there enables us to get close to our customers by allowing us to demonstrate the options & quality of our products, and also act as our training centre.

We prioritise on offering the very best guidance to professionals & end users in every aspect from detailing aesthetics through to energy performance.

IDEALCOMBI UK

Chancery Pavilion
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Milton Keynes
MK6 2TA

Opening hours:

Mon-thurs: 8:30am-5:00pm
Friday: 8:30am-3:00pm

Idealcombi Windows and Doors
can also be seen at:
The National Self Build &
Renovation Centre
Lydiard Fields
Great Western Way
Swindon, SN5 8UB

Please always check our opening hours on www.idealcombi.com



No compromise in our choice of materials



Your warranty

As standard, we offer a 10-year product warranty on all windows and doors from Idealcombi.

Quality is the standard on which everything is based that we work with: be it processing, materials, consultation, products & delivery.

We measure the quality by the requirements of maintenance and in how easy it is to clean & service. It is therefore important to us that what we offer is at the forefront of the development of products – it's construction machining processes & it's function.

FSC®-certified wood

Idealcombi only uses FSC-certified wood. This means that all wood in the manufacturing of windows and doors originate from sustainable forestry and is traceable back to the forest.

Quality optimised timber

Knots and other defects are removed through an optimisation process using cameras.

The timber is then reassembled through finger-joints. This process means that the timber is much more stable, has fewer knots, without defects and resin pockets which can cause yellow discolouration.

Aluminium

Our aluminium profiles are powder-coated by our external partners and delivered in to our factory in long lengths with a coating thickness of between 70 – 120 µm giving a highly wear resistant and beautiful surface. The profiles are then cut to size and machined in our factory.

Long life, imperishability and insulation



PUR
Imperishable and insulating

A core made of PUR

PUR is a material with strength, durability and, not least, insulating properties which offers an additional energy dimension to our products. The construction breaks the thermal bridge between the outside and inside of the window and therefore minimises the heat loss.

Furthermore this part of the profile has always been a key area for us to develop by the use of an imperishable material due to the fact it is in a wet zone and exposed to weather.

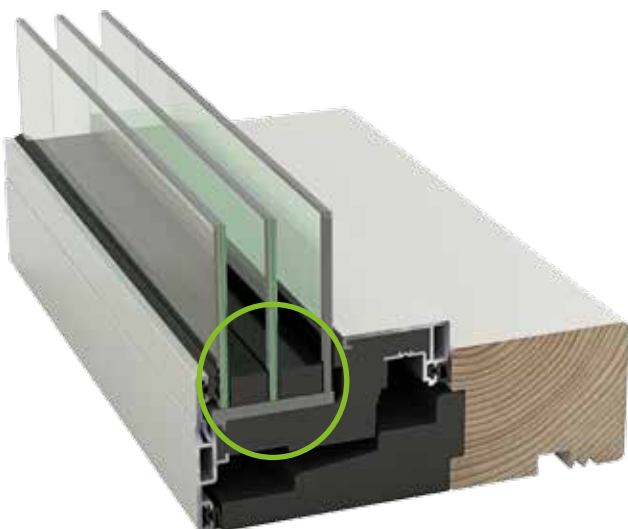
Using PUR here significantly increases the durability and life of the product.

PUR is a lightweight material with extremely good insulation properties and is imperishable. It is therefore highly suitable as a part of our window and door construction. PUR is not only a maintenance-free material, it also offers a strong construction and it will remain intact for decades.

Warm edge

The warm edge is a profile of thermoplastic material which reduces the thermal bridge along the edges of the glass and thereby directly contributes to reducing the total heat loss of the window.

It is not only beneficial for the environment and economy, it also means that the temperature along the edges of the glass is raised, and the risk of inside condensation in the edge zone is less likely.



Warm edge
Reduces the thermal bridge

Glass

... the critical choice

Cotswold



Clear Glas C



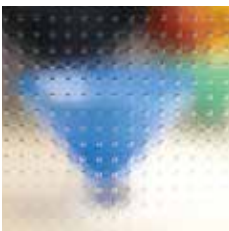
Satinato



Sahara/520



Mastercarre



Matt laminate



Masterligne



Masterpoint



The proper choice of glass and coating in the composition of the window pane is of major importance to the comfort and the total insulation property of the window.

Solar Reflective Glass

SRG reduces the amount of thermal energy and/or light which is admitted through the unit. This type of glass is often used for large surfaces where the aim is to make full use of the sunlight while at the same time keeping out the solar heat.

Solar reflective glass is available in a variety of options; colour neutral, coloured and with various degrees of reflection. All these factors determine the amount of light and heat admitted through the glass. If you choose solar reflective glass for aesthetic reasons the design is entirely up to you. In all other cases it depends on how highly you value low solar energy transmission in relation to high light admittance.

Acoustic Glass

Acoustic insulating glass reduces uncomfortable noise from heavy traffic and regular city noise.

It is the distance between the unit's individual glass panes and the panes' individual thickness that helps define the unit's acoustic insulator properties.

When selecting the right type of acoustic glass, it is important to determine the source of the noise you want to reduce

Obscure Glass

Obscure glass can either be patterned and cast, clear or coloured with varying degrees of light transmission and vision control.

Obscure glass is suitable for uses where the blocking of unwanted views is desired and for creating special and decorative effects.

See our obscure glass option on the left.

Colours with thoughts



Aluminium and powder coating

In our product series, the outside of the construction, which is exposed to bad weather, consists of a powder-coated aluminium profile. Aluminium is a light, strong, form-flexible and indestructible material.

The aluminium profiles are pre-processed with a wash-off, in-depth cleaning and degreasing after which a chrome-free primer will protect them against corrosion. The process is ended with a powder coating of the profiles in the colour requested.

The powder coating gives the aluminium profiles a nice, smooth and even surface which is extremely resistant to the sometimes harsh, Northern European climate and which ensures a long life for the windows and doors while reducing the need for maintenance to a minimum.

Colours and surfaces

Elements from Idealcombi are supplied with a finished surface treatment. We have chosen 15 standard colours for all inside and outside elements. We only work with RAL colours, and in addition to the standard colours, we also offer other RAL colours at an additional charge. Wooden parts are primed and coated, and this results in a durable surface smooth as silk and with a beautiful lustre. As standard, the outside aluminium profile is made with a shiny surface but is also available with a matt surface.

We also offer Sable surfaces at an additional charge. The treatment of the aluminium gives a rustic, sandblast structure to the surface unlike the smooth, powder-coated surfaces.

These represent our standard colours, but please note that this is a printed representation of the original RAL colours and therefore should not be used as the basis for your decision as they may deviate from the real colours. The final selection of colour and surface should always be made based on an authorised RAL colour chart or a surface sample.

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