



WINDOWS

Highlights of Architecture
2017/18

HF 110 TIMBER/ALUMINIUM WINDOW

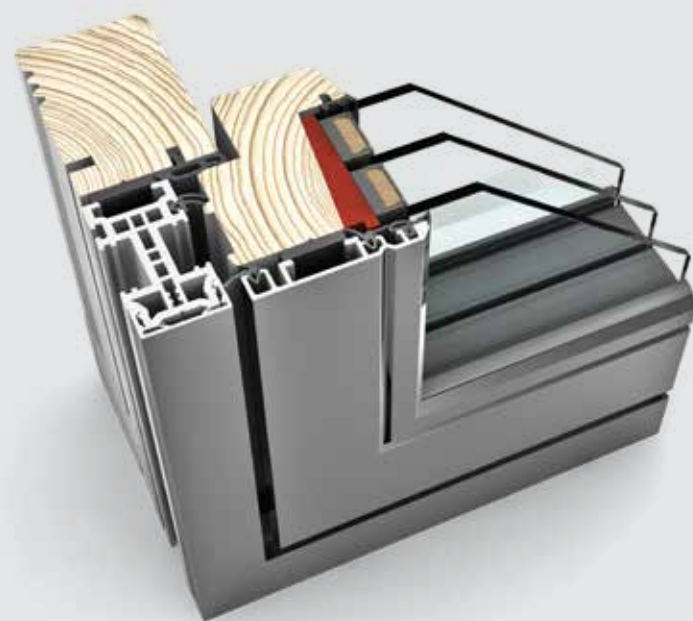


FEEL THE ENERGY WITH KASTRUP TIMBER/ALUMINIUM PRODUCTS

Slim profiles give you additional light in your living space and therefore more comfort for you and your family. Your individual lifestyle is expressed by the different design possibilities in the highest quality and finish.

Kastrup's outward and inward-opening timber/aluminium windows and doors are exclusive products. The heart-wood of North Scandinavian pine is cut to avoid knots and warping of the timber. The outside of the timber is almost maintenance-free due to the resistant aluminium frame. The frame profiles are made of a fibreglass-strengthened composite which ensures high thermal insulation and structural stability. The inside conveys the natural feeling of timber. The standard model features two gaskets; three gaskets are available upon request.

Double and triple glazing is both possible for home pure and ambiente.



PROPERTIES

Thermal insulation
(in W/m^2K)



U_w as low as 0.78

Sound reduction
(in dB)



up to 42

Construction depth
(in mm)

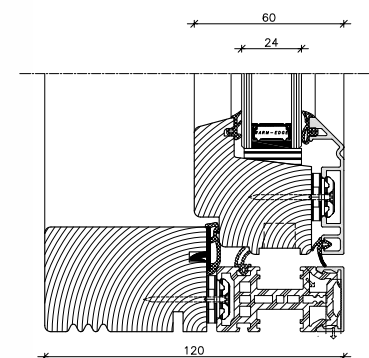


88 to 240 mm

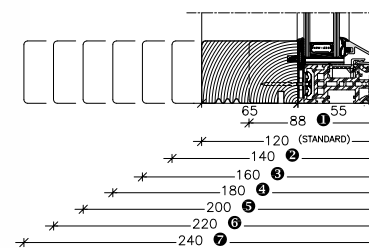
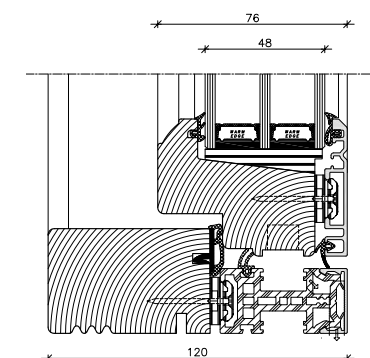
Design styles

home pure
ambiente

home pure



ambiente



ENERGY PERFORMANCE

A

B

C

D

E

F

< with standard triple glazing

< with energy-optimised double glazing

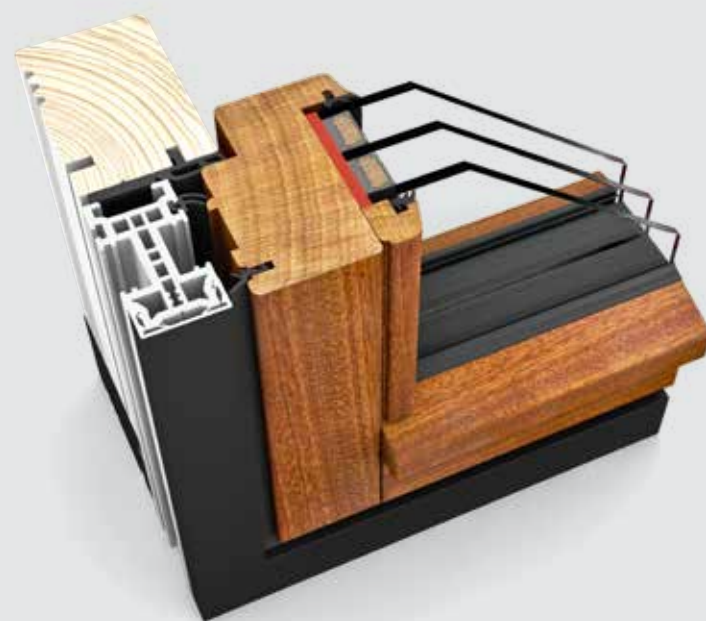
HF 115 TIMBER/ALUMINIUM WINDOW






SHOW EVERYONE YOUR CREATIVE WAY OF LIVING

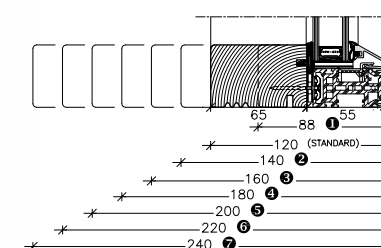
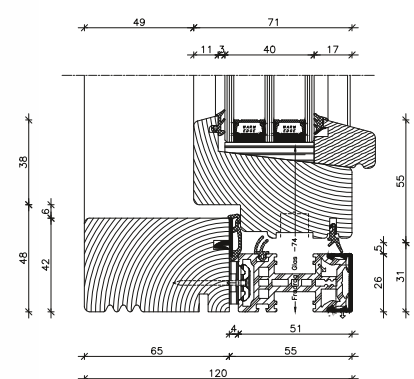
The dream of architects and creative minds is the expression of their own ideas. The combination of nature's finest materials with your own sense of design will give you long-term satisfaction in your living room. The HF 115 is a timber/aluminium series which makes those dreams come true. The sash is made out of hardwood while the frame consists of Nordic pine on the inside and fibreglassstrengthened composite together with an aluminium frame on the outside. These assures the properties of the classical wood/aluminium window frames.

Different colour possibilities on the inside timber as well as on the outside aluminium combined with different kinds of hardwood give you endless design possibilities. The standard model consists of a mahogany sash with a mahogany window bar. Other kinds of hardwood such as oak, teak or Kebony can create unique styles for your living. The possibility of hardwood or aluminium window bars, anodized aluminium colours or hardwood on the frame instead of pine give you additional room for creativity.



PROPERTIES

Thermal insulation (in W/m ² K)		U _w as low as 0.90
Sound reduction (in dB)		up to 42
Construction depth (in mm)		88 to 240 mm
Design styles		studio



ENERGY PERFORMANCE

A	< with standard triple glazing
B	< with energy-optimised double glazing
C	
D	
E	
F	

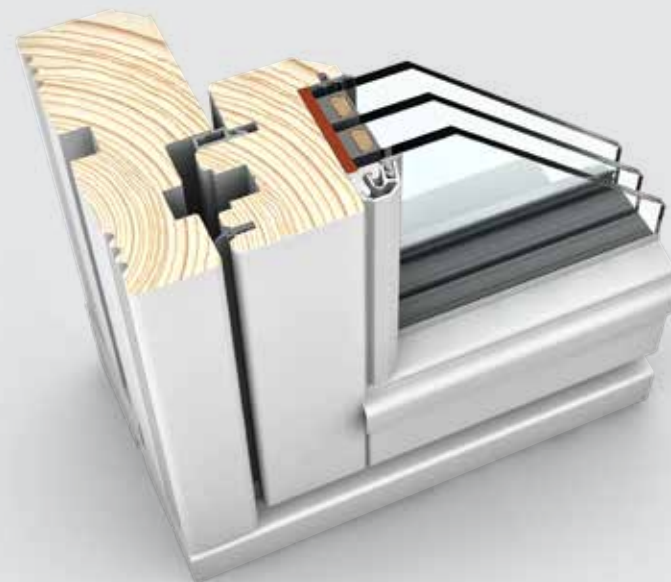
HF 100 TIMBER WINDOW






NATURAL FEEL WITH KASTRUP TIMBER PRODUCTS

High quality timber and careful processing reveals the natural beauty of timber and provides each window and door with its individual characteristics. The feeling of nature in a sunlit room stimulates all your senses.

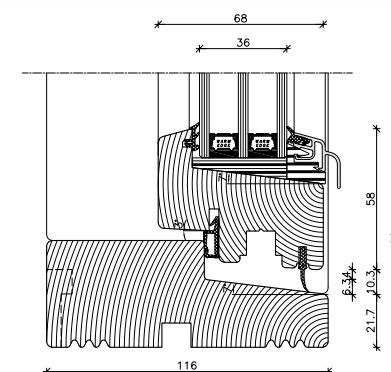
Kastrup's Nordic heartwood features high resin contents which naturally protect against rot and mould. We only use cut and finger-jointed heartwood to meet our high quality requirements. The finger joints ensure better stability and avoid warping of the timber. The finished profiles are knot-free. The glazing beads are made of weather-resistant aluminium and match the timber. You can choose between different types of timber such as mahogany, oak, teak or Kebony. Kastrup uses high quality timber which is certified and processed in environmentally friendly production methods. The glazing beads of the pine windows are made out of aluminum. The standard glazing beads of the hardwood windows are made out of hardwood, but by request the bottom glazing beads can also be chosen to be aluminum.



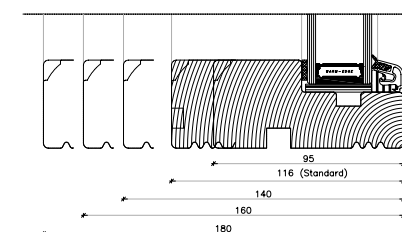
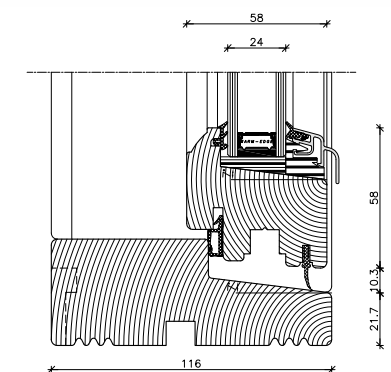
PROPERTIES

Thermal insulation (in W/m²K)		U _w as low as 1.00
Sound reduction (in dB)		up to 38
Construction depth (in mm)		95 – 180
Design styles		home pure ambiente

home pure



ambiente



ENERGY PERFORMANCE

A	< with standard triple glazing
B	< with energy-optimised double glazing
C	
D	
E	
F	

HF 120 TIMBER/ALUMINIUM WINDOW

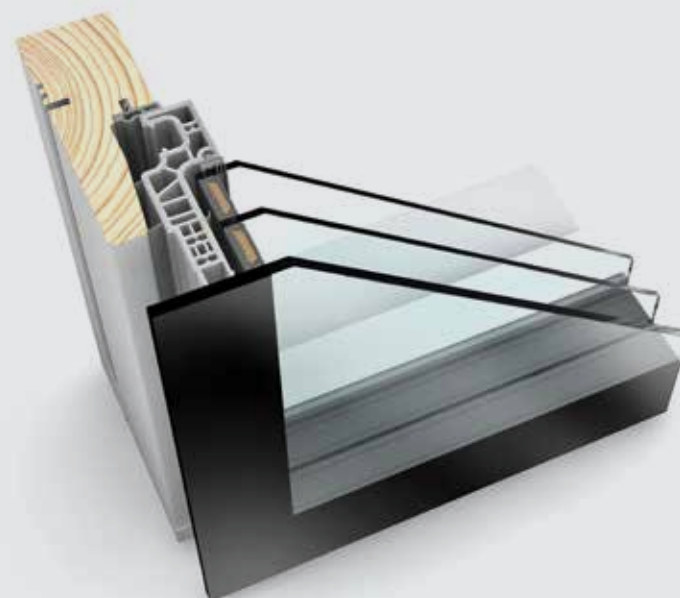


INVI – THE FOUNDATION FOR INNOVATIVE ARCHITECTURE

With slim profiles and more glass area this window appears "INVIvisible". The choice between uniform sight lines and endless glazing will underline your aesthetic taste.

INVI convinces through one of the best energy values in the industry. The window features a highly insulating fibreglass-strengthened composite profile integrated in the sash. Maintenance-free powder-coated aluminium protects the window from the outside. On the inside, you will feel the comfort of the natural timber. The heartwood of North Scandinavian pine is cut to avoid knots and warping of the timber. Once painted, all materials complement each other and contribute to the window's appearance.

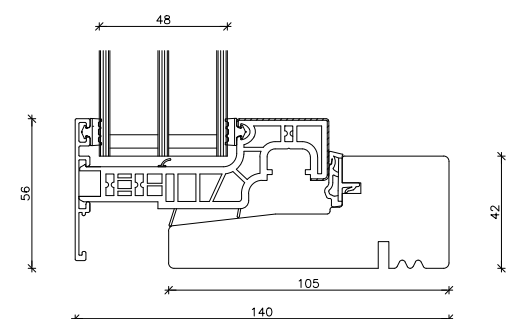
INVI is an outward-opening window system, with triple glazing and three gaskets.



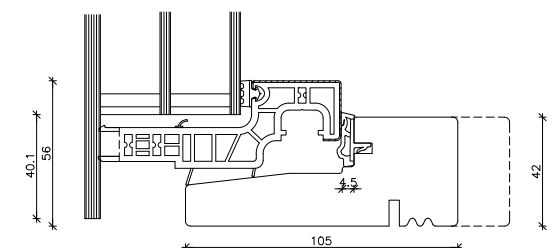
PROPERTIES

Thermal insulation (in W/m ² K)		U _w as low as 0.74
Sound reduction (in dB)		up to 38
Construction depth (in mm)		140 (standard) 160
Design styles		studio

Standard



Glass front



ENERGY PERFORMANCE



OPENING TYPES

Side hung



- Opening angle up to 90°
- Traditional Scandinavian hardware for traditional windows available
- Handle-controlled brake as standard
- Night-vent included

Top guided



- Built-in friction brake to steady sash in open position during normal weather conditions
- Adjustable friction brake
- Night-vent included

Reversible



- Sash fully reversible
- Child-proof lock limits opening to around 10 cm
- Safety stop prevents sash from overturning
- Outside glass can be cleaned from inside
- Fixing of cleaning position available

Balcony door



- Inward or outward-opening
- Same construction as windows
- Available with glass or fillings
- Three locking points on handle side
- Handle-controlled brake as standard for outward-opening door

Side guided



- Outside glass can be cleaned from inside
- Opening angle up to around 90°

Top hung



- Sash can be held in ventilation position
- Stay-arm can be used to keep window open in a wider position

SECURITY

High security protection as standard:

Timber/aluminium:

- Hardened 15mm security hooks
- 20mm security hook for balcony door and entrance doors
- Adjustable safety hardware

Timber/Timber:

- 20mm security hook for balcony door and entrance door

INVI:

- Minimum three reinforced hinges
- Hardware with various possible locking points around the sash with possibility to go through the corners
- INVI hardware is well protected inside the frame

Advanced safety package:

- Various safety glass possibilities
- Lockable handles
- Electronic door locks (Fingerprint, Pin code locks)



Fingerprint



PIN code keyboard

HANDLES

Different features require different handles. See a selection of our handles:



Tokyo
0710LVK-U71Z
Standard aluminium handle for windows



Tokyo
0710VK-U26
Aluminium handle for windows



Tokyo
0710EVKS-6
Lockable aluminium handle for windows



Tokyo
0710VKR-U76Z
Lockable aluminium handle for windows and balcony doors



Tokyo
0710-U26
Aluminium handle for tilt-and-turn windows and balcony doors



Tokyo
0710S-U26
Lockable aluminium handles for tilt-before-turn for balcony doors



Tokyo
0710SV-U26
Aluminium handle with push button for windows and balcony doors



Brugge
0715S-US945
Lockable handle with automatic lock for tilt-and-turn windows

GLASS

Low Energy Glass

Usually around 30% of the heat escapes through the windows. Low energy glass is especially made to keep the heat in the house. Kastrup also offers triple glazing and various other different types of low energy glazing.

Solar and heat absorbing glass

Solar glass reduces solar radiation and ensures that the room is not too hot during summer. Additionally, the glass features the same qualities as ordinary energy saving glass.

Safety glass

Toughened glass is used to prevent thermic tension and pressure load, but is not useful for security protection. Laminated glass is held in place by an intermediate layer and holds together when shattered.



Laminated glass pane remains whole if impacted.



Common glass splinters give free access through window.

Ornamental glass



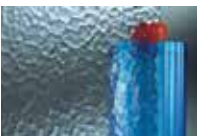
Float Satin



Cotswold



Cathedral



Ornament 520



Ornament 504



Ornament 523

GEORGIAN BARS

Georgian bars in timber and timber/aluminium are available in widths of 24, 38, 44 and 58 mm. All Georgian bars can be delivered in different colours and profile types.

Authentic Georgian bars

When you look at windows with authentic Georgian bars, the window appears to have various glass fields. In fact, the Georgian bars are lying between the glass panes. Glued-on Georgian bars maximise the effect of authentic Georgian bars.



Georgian inserts

The Georgian bars are lying between the glass panes and make it easier to clean the window. Georgian inserts are available in widths of 18, 26 and 45 mm and in different colours.



TIMBER

Kastrup offers various high quality timber.

When the timber arrives in our factory it has been scanned. All the knots, cracks and resin exudations are then cut off. Therefore, our timber has no brown spots from knots and resin exudations.



PINE

Kastrup uses slow-growing Nordic pine with 90% heartwood. The timber consists of dense annual rings and a good resin content which protects the timber against rot and mould.



MAHOGANY

In the mahogany series Kastrup works with the selected mahogany type Sapele Mahogany. It features a high natural oil content which contributes to longer durability. Our mahogany comes from sustainable forestry and is FSC® certified.



KEBONY

Kebony is an environmentally friendly alternative to tropical hardwood. A chemical treatment of softwood results in the cell structure of the timber tying together. As a result, the timber characteristics are permanently improved.

Optionally, Kastrup can also offer windows and doors in other timber types such as oak and teak.

COLOUR

Kastrup offers various colours. Below you can see the standard colours for our windows and doors. If you wish to have a special colour like metallic decor, stainless steel or any other RAL colour, feel free to contact one of our distributors.

TIMBER
 Timber is treated with AKZO NOBEL industrisystem, which gives the timber maximum durability and resistance.

9010	9001	7035	7042	7016
9005	8016	Swedish red	Green Umbra	

ALUMINIUM

Our aluminium surface is treated in the so-called 12-stage chromate conversion coating process which gives aluminium excellent resistance. The colours used are called Fiji colours. They are used for both matt and gloss surfaces. The advantage of Fiji colours is their high resistance against scratches and scuffs.

Fiji Ral 9010	Fiji Ral 7035	Fiji Ral 7031	Fiji Ral 7016	Fiji Ral 9005
Fiji Ral 8016	Swedish red	Fiji Ral 6005		

MAKE YOUR DREAM COME TRUE



A new building gives you the freedom to design everything exactly the way you want it. Please be aware that your demands on windows and doors in the future can only be reached with a quality product.

Kastrup offer you windows with high-energy efficiency, security protection and suitable designs for different architectural challenges. The quality of Kastrup windows exceed market requirements concerning stability, energy saving, security and finish. We are reknown for that.

Your Kastrup windows will give you lasting satisfaction and well-being. They are an investment which will pay for itself in the long run.

- YOUR ADVANTAGES WITH KASTRUP WINDOWS
- + Various design styles
 - + Well-known quality in energy saving, security and material
 - + Long-term investment

THINK LONG-TERM WHEN THINKING ABOUT RENOVATION

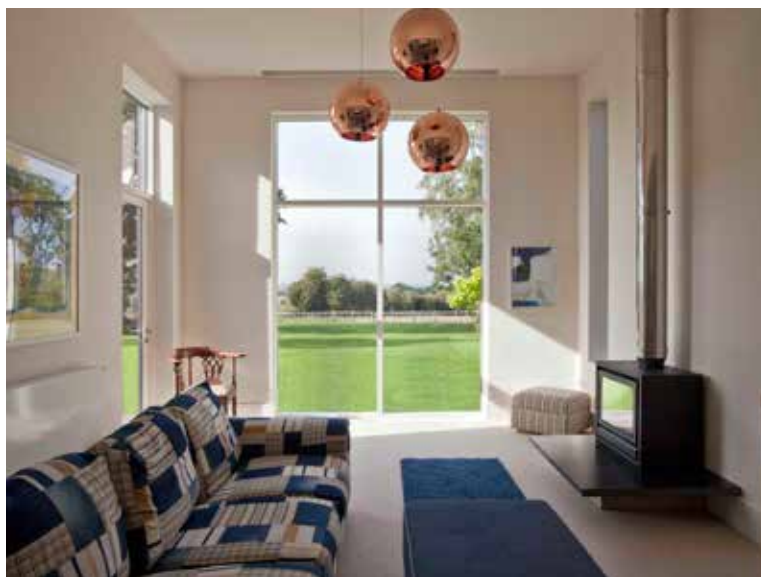


Replacing 15-20 year old windows enables you to reduce heat loss of up to 40%.

However, energy saving is not the only reason for renovation. New windows increase the comfort as well as the financial value of your house. Kastrup enables you to renovate with respect for existing architecture and simultaneously enjoy the advantages of new technologies.

Kastrup windows and doors can give your home an individual look and at the same time hold on to the existing soul of the building.

- YOUR ADVANTAGES WITH KASTRUP WINDOWS
- + Ambiente as the classic design style
 - + Slim profiles that allow more sunlight
 - + Traditional Scandinavian hardware for classic windows available



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