

WINDOWS AND DOORS



The most popular choice for Finnish homes.

OUR PIHLA PRODUCTS

Pihla windows and doors are among the most popular in Finland. Their appearance, strong structures, optional accessories and energy-efficiency make it easy to choose windows and doors. Pihla's products can be trusted in all situations!



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RIISING TO THE CHALLENGE

Our range includes windows and doors for repairing the old as well as for building new. The selection consists of three window models: triple-glazed opening Varma, quadruple-glazed opening Termo and Fixed windows. Our wide range of doors includes products from storehouse and balcony doors to an impressive new external door range. Sliding doors are also included in Pihla's product range.

VERSATILE PIHLA

Thanks to their durable joints and notable material strengths, Pihla products are suitable for many types of buildings. The products represent cutting-edge technology and are versatile. There are several colour options and accessories available.

PRESENTABLE RANGE

We make all our windows and doors to measure, which enables customised solutions for both new buildings and renovation jobs. The size and shape can be freely selected. The frame depth, handedness options, glazing and accessories are also designed together to best meet your needs.

MADE IN FINLAND

All Pihla windows, balcony doors and external doors are made in Finland.



PIHLA'S SMALLER CARBON FOOTPRINT

In order to reduce the carbon footprint of our products throughout their life cycle, we take environmental considerations into account in everything we do.

THE PRODUCT'S ENTIRE LIFE CYCLE RESPECTING THE ENVIRONMENT

Careful material choices, an optimised manufacturing process and modern product development play an important role in reducing our carbon footprint. In addition, we minimise transport emissions and pay attention to recyclability, both for raw materials and end-of-life products.

We are constantly working to find greener solutions, and are delighted to be able to say that we have managed to optimise certain areas of our operations to become completely carbon-neutral.

The carbon footprint of our products decreased by 16.8% between 2014 and 2019.* Our factory also uses an environmental product card verified by a third party, the Building Information Foundation RTS, which we use to monitor the development of our product's carbon footprint.



* Measured at our factory in Kannus.





VARMA WINDOWS

VARMA

- U-value 0.78 ... 1.0
- Energy rating A+ ... A

VARMA PALO

- EI30



RELIABLE AND DURABLE

Pihla Varma is a double-sash, inward opening wood-aluminium window with a double-glazed insulating glass unit in the inner sash. The outer sash is made of aluminium and has one pane of glass. Pihla Varma is a reliable basic window and a suitable option for all properties. The 25-year guarantee against decay we issue for the window speaks for Varma's reliability and durability.

A PIONEER IN TIGHTNESS

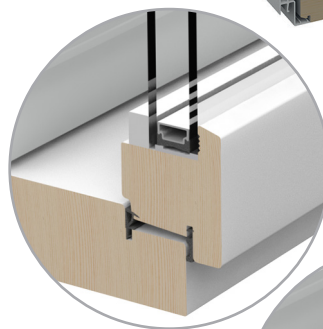
Varma has three sealing surfaces: two seals in the inner sash and one in the outer sash. Varma has achieved top results in air-tightness, water-tightness and wind-pressure resistance tests. Varma is stylish and elegant as well as tightly sealed and reliable.

STRONG STRUCTURE

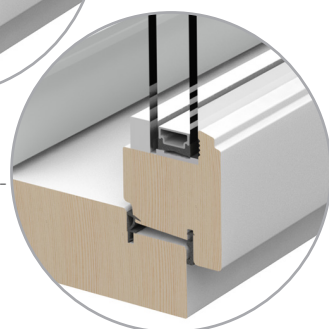
The solid woodwork of the frames and sashes is equipped with traditional, durable joints. The inner sash, made of pine, is strong and has an energy-efficient insulating glass unit. The aluminium outer sash has steel locks and sturdy hinges.

RANGE

In addition to the basic window, the Varma window is also available as an EI30 class fire window, emergency exit window and inlet air window with inlet air valves.



Pihla Varma S with straight frame



Traditional Pihla Varma with decorative frame



TERMO WINDOWS

TERMO

- U-value as low as 0.63
- Energy rating up to A++

TERMO PALO

- EI30



ENERGY-SAVING SOLUTION

The low-energy alternative Pihla Termo is a double-sash wood-aluminium window with an insulating glass unit in both sashes. Compared with traditional triple-glazed windows, the Termo solution helps achieve considerably better heat insulation, sound insulation and protection against the sun's heat radiation. The better heat economy the windows offer, the more comfortable the home is to live in.

FAMILIAR STRONG PIHLA

Termo offers the familiar structure of Pihla windows: durable wood and aluminium sections, sturdy joints and a ventilated structure between the timber and the external aluminium. Pihla Termo windows have a 25-year guarantee against decay.

WIDE RANGE OF ACCESSORIES

The most popular optional accessories and options are the appropriate glazing solutions, decorative lattices, blinds, mosquito sashes, ventilation valves and, as in Varma windows, a decorative or straight inner sash. Pihla Termo is also available as an EI30-class fire window and inlet air window.



The quadruple-glazed Pihla Termo energy-saving window has been designed by taking the tightening heat insulation requirements into consideration. Thanks to continuous product development, Termo windows always have the best glazing solutions and equipment level.



FIXED WINDOW

VARMA

- U-value 0.73 ... 1.0
- Energy rating up to A++

TERMO

- U-value as low as 0.57

DB

- U-value as low as 0.67
- Sound insulation up to 40 dB (C_{tr})

PALO

- EI30

INCREASING POPULARITY

The interior of the fixed windows is timber, and the external cladding is aluminium. Thanks to the energy-saving insulation glass, fixed windows have an energy rating of up to A++. The popularity of Pihla Fixed windows has constantly been increasing thanks to their advanced glazing solution and excellent energy-efficiency. The soundproofing in Pihla Fixed windows is also excellent.

A PART OF THE PRODUCT FAMILY

The fixed windows can be mixed and matched with other Pihla windows, thanks to their uniform colour selection and frame depth. The fixed and opening windows have a uniform pressed metal sill line, making it easy to install them side by side.

GREAT APPEARANCE

The glazing uses durable rubber seals both inside and out. The end result is elegant and tightly sealed. Pihla Fixed has achieved excellent results in air-tightness, water-tightness and wind-pressure resistance tests.

RANGE

In addition to triple-glazed Varma and quadruple-glazed Termo structures, fixed windows are also available as an EI30-class fire window.





BLACK WINDOWS

The popularity of black windows keeps growing. Pihla's black windows are completely black up to the hinges, from the inside and outside. They give a great appearance to the home. We make black windows as opening and fixed windows.



OPENING BLACK WINDOW

The opening Termo BLACK is not only stylish but also a sensible choice, as a quadruple-glazed window structure provides better sound insulation and good protection against the sun's heat radiation. At the same time, they significantly improve the comfort of living. Termo Black's glazing is specially designed for the black window.

FIXED BLACK WINDOW

Pihla Fixed windows can also be manufactured entirely in black. The window contains a triple thermal glass element with a selective glass and black element spacers.



NEW PIHLA EXTERNAL DOORS



A DIVERSE SELECTION

Pihla doors are available in several different structures designed for different applications:

- Varma is our most popular external door, whose thick door leaf and double sealing make it a very warm front door.
- The Termo structure is designed for the best thermal insulation and low energy construction.
- Vieno is a new multi-purpose door that meets the building regulations for new construction and renovation.
- The dB door structure is designed to provide the best possible sound isolation for the external door.
- The EI30 fire door safety door structure meets most fire safety requirements for residential and public buildings.



Pihla has a long history of making premium external doors. In the context of the external door reform, we modernised our door models, made quality improvements with new innovations and were the first in Finland to launch the door light and stylish design glass integrated into the external door. The Pihla external door is a door worth your home.

DOORS MADE TO ORDER

Every Pihla door is made to measure, so you can rely on getting exactly the kind of door that you want. You can define the measurements, handedness, frame depth and colour according to your taste and needs. Instead of clear glass, you can choose from a range of glass that blurs the view or the new, stylish Pihla Design glass.

RENEWED QUALITY

In Pihla's new external doors, special attention has been paid to the quality and neat appearance of the door. We have invested in new painting technology, which is reflected in even better surface quality and durability.

The appearance is finished by new glazing fillets with no nails. As a guarantee of quality, we grant Pihla doors a long 10-year straightness guarantee.

A DIVERSE SELECTION

Pihla doors are available in several different structures suitable for different applications, such as blocks of flats, terraced houses and detached houses.



The nail-free glazing makes the door clean and stylish.

DOOR LIGHT





LIGHT FOR YOUR DOORSTEP

EXTERNAL LIGHTS HAVE BECOME MORE COMMON

With the spread of LED lighting technology, building lighting has become more popular. Good outdoor lighting ensures adequate lighting of access routes and entrances. Lighting improves safety and comfort when moving and can indicate the presence of residents, discouraging burglars. The lighting can also emphasize the facade in a stylish way.

EFFORTLESS AND RELIABLE

The Pihla Door Light is designed to operate automatically, continuously adjusting the amount of lighting using a twilight sensor. You do not need to remember to turn on the light. In this case, the door light is always on when you arrive at your home in the dimness of autumn or the dark of winter, but energy is saved on bright summer evenings.

The Pihla Door Light works with LED light technology designed for outdoor conditions to ensure the longevity of the light. The LEDs are also easily replaceable. Connected to a fixed power supply, the Pihla Door Light is a piece of equipment that makes you wonder why external doors have not previously had this feature.



Over the years, Pihla has often been asked why lighting designed for external doors is not available. At the customers' request, we developed the new Pihla Door Light.

The door light illuminates the passage to the entrance and, when the door is open, the light also reaches the interior. Lighting makes coming home and entering the hall even more comfortable and safe.

DESIGN GLASS





DESIGN GLASS

Carefully selected glass can bring more visibility and personality to the door. Nowadays, people want larger glass surfaces on external doors. To emphasise the glazing, we designed brand-new, impressive Pihla Design glass options for our new doors. The design glass makes the external door even more valuable.

PERSONALITY

In addition to colours and accessories, you can now customise your door with the new design glass options to suit you. Design glass options are available on a model-specific basis for door models marked in blue ●.

Design glass gives your door not only an impressive and personal appearance but also good protection from view.



Design glass D1



Design glass D2



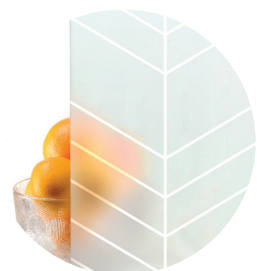
Design glass D3



Design glass D4



Design glass D5



Design glass D6

MODERN DOORS

Our modern door designs are stylish and distinct. The straight-lined and uncomplicated door models are at their best in buildings with modern architecture.

MODERN COLLECTION

M10



M11



M12



M13



M14



M20



M21



M22



M23



M30



M31



M32



M33



M40



M41



- Varma
- EI30 fire door
- Vieno
- Termo
- dB door
- Design glass available

PERINNE DOORS

The traditional Perinne door models are best suited to emphasising the entrance to a traditional style building. At the same time, the Perinne collection also has a fresh touch.

PERINNE COLLECTION

P10



P11



P12



P13



P14



P20



P21



P22



P23



P30



P31



P32



P33



P40



P41



P42



- Varma
- EI30 fire door
- Vieno
- Termo
- dB door
- Design glass available

Suosikki doors

The Suosikki collection includes Pihla's most popular door models. The Suosikki models are smoothly suited to a variety of applications.

SUOSIKKI COLLECTION

S10



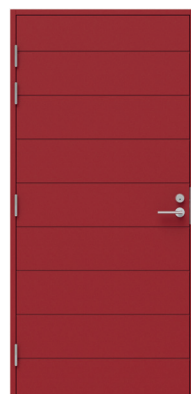
S11



S12



S13



S20



S21



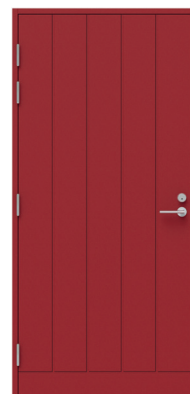
S22



S23



S24



S30



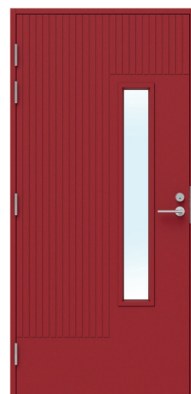
S31



S32



S33



S34



S40



S41



S42



S43



- Varma
- EI30 fire door
- Vieno
- Termo
- dB door
- Design glass available

BACKYARD DOORS



Garden doors, back doors, side doors, balcony doors, utility room doors, terrace doors, backyard doors. These doors have many names in accordance with their purpose. Mostly these doors are installed in a central place and used often, so even the back door should be selected carefully.

BACKYARD COLLECTION

T10 M12



T10 M14



T10 M16



T10 KL



T10 MX



T20 M12



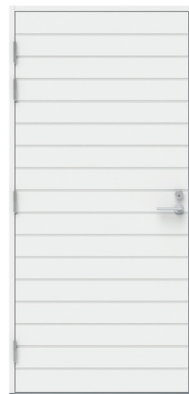
T20 M14



T20 M16



T20 U



T30 M12



T30 M14



T30 M16



T30 U



ENHANCE YOUR STYLE WITH OPTIONS

The Pihla backyard door's structure exactly matches the front door, starting from the study door leaf. In addition, the same range of accessories and freedom of choice are available for the backyard door. In addition to models, colours, measurements and glass, the style of the door can be accentuated by equipping the glazing with decorative lattices in the colour of the door. The decorative options are Satiini and Stippolyte, as well as a cremorne bolt with a wind stop.

- Varma
- EI30 fire door
- Vieno
- Termo
- dB door
- Design glass available

WOODEN DOORS





WOODEN DOORS

Fully wooden doors are strongly back in fashion. Pihla and our sister brand Sydänpuu have jointly designed a new external door that combines the elegance of a traditional wooden door with the structure of a modern external door and the design of modern door models.

COLOURS AND ACCESSORIES ACCORDING TO YOUR NEEDS

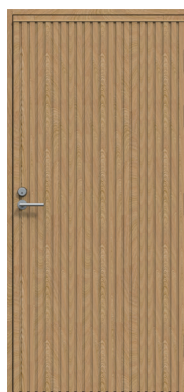
Wooden doors are available with various stain colours, leaving the living wooden surface clearly visible. After tinting, the door is finished twice with highly durable two-component varnish. Wooden doors can also be painted with a completely covering paint according to Pihla's external door colours.

Pihla wooden doors are available with an impressive selection of handles, versatile locks and a modern smart lock that makes it easier to use the door.

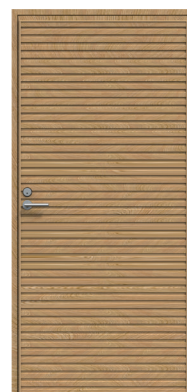
Yhteistyössä

SYDÄNPUU
ikkunat & ovet

PUU1



PUU2



PUU3



PUU4



PUU5



PUU6





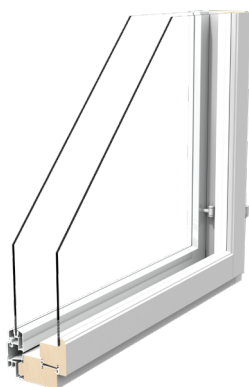
KESÄMÖKKI PRODUCTS

The Pihla Kesämökki product family is suitable for both recreational dwelling renovators and new holiday home builders. The frame depths and glazing of the Kesämökki products have been specifically designed for the needs of cottages, leisure homes and outbuildings. The frame depth is 95 mm in the opening Kesämökki window and 92 mm in the fixed window as well as the Kesämökki door.

Various glass options are also available for the Kesämökki windows and doors, as needed. The colour options are the same as those for other Pihla products. The aluminium surfaces on the outside of the windows ensure good weather resistance and easy care.

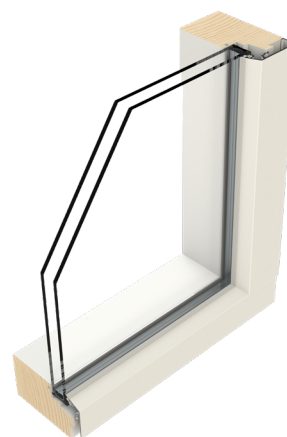
PIHLA MÖKKI – OPENING WINDOW

Flat glass in both sashes. The inner sash can also be equipped with double insulating glazing. The outer sash and cladding are durable aluminium.



PIHLA MÖKKI – FIXED WINDOW

An easy-to-maintain wood-aluminium window with only two glass surfaces to wash. The window has a double insulating glass.



DOORS IN THE KESÄMÖKKI COLLECTION

PIHLA KESÄMÖKKI DOORS

The atmosphere of a summer cottage requires a suitable door. The Pihla Kesämökki collection has several popular door models that create a cottage atmosphere and functionality. Equipped with big glass openings, the doors provide a nice view and let a lot of natural light in.

The door leaf of the Kesämökki door is 60 mm thick and the standard colour is off-white NCS S0502-Y. The frame depth of 92 mm is particularly well suited to light cottage construction.



K40 M12



K40 M14



K40 M16



K40 KL



K40 U



K50 M12



K50 M14



K50 M16



K50 KL





PATIO

VARMA

- U-value 0.84 ... 1.0

TERMO

- U-value 0.80

DB

- U-value 0.87
- $Rw+C_{tr}$ 37

GREAT COMBINATION

The Patio door combines two excellent Pihla doors. Patio has the strong plate-structured door leaf used in external doors, and the exterior of the door features the weather-proof aluminium finishing familiar from the balcony doors. Due to the aluminium finishing, Patio goes very well next to Pihla windows.

VERSATILE LOCKING

Versatile locking options enable using the door in different applications and for different needs. Pihla Patio can be equipped with a cremorne bolt with a wind stop or a middle lock used in external doors. Both can be optionally equipped with a lock cylinder, making it possible to lock the door from the outside and using the door, for example, as a second front door for the house. The lock cylinder can be keyed for the same key as the other house doors. A similar handle with the Pihla external door can be selected for a Patio door with middle lock.

MANY MODELS

The Patio door is manufactured with one and two glass openings, fully glazed and as double doors. The size of the glass opening can be freely defined, The frame depths are 130, 170 and 210 mm.



Balcony door cremorne bolt handle.

Pihla Patio can be used as a balcony door, patio door, garden door and utility room door. Due to outer aluminium surfaces and matching outer cladding colour options, Patio is easily combined with Pihla windows. The inside surfaces of Patio are always painted. The standard inside colour is white.





RATIO

FRENCH BALCONY DOOR

The inward-opening Ratio balcony door with one leaf is ideal for French balconies and other small balconies. Equipped with a multi-action bolt, the best features of the door include tightness, stylishness, delicate look and a large glass surface that allows the maximum amount of light into the home.

EASY AND SAFE VENTILATION

The Ratio door has a dedicated tilted position for safe ventilation. The upper edge of the door opens while the bottom edge remains shut. The door leaf stays firmly in place, leaving the area in front of the door free. The vented position is also safe for homes with pets, preventing cats and dogs from running away. For added child safety, the door features a child-proof handle.

STYLISH GLASS BALUSTRADE

Ratio can be equipped with an optional integrated glass balustrade, delivered readily installed on the door. Once the door is installed, the balustrade is also safely in place.



The Ratio door features a convenient vented position.



Ratio has a half-handle on the inside.



OTHER BALCONY DOORS

OTHERS

Terrace and utility room doors on pages 22–23.

WOOD-ALUMINIUM DOORS

In addition to the Patio and Ratio doors, Pihla's balcony door range includes three other balcony doors, all with weatherproof aluminium cladding on the outside.

INWARD-OPENING BALCONY DOOR

Ideal for small balconies or French windows, the door has two inward-opening door leaves. The best features of the door include sound insulation, energy-saving and compatibility with Pihla's windows.

INWARD- AND OUTWARD-OPENING BALCONY DOOR

The traditional balcony door has two door leaves. One of them opens outward and the other inward. The two-leaf balcony door provides good heat and sound insulation.

STAINED BALCONY DOOR

Pihla's stained Parveke KK balcony door is a perfect match for stained windows. Parveke KK is a single-leaf outward-opening door.



Both leaves of the inward-opening two-leaf balcony door open at the same time.

PIHLA ACCESSORIES

Pihla products have an extensive selection of accessories that can be installed at the factory. The most popular optional window accessories are blinds, mosquito sashes, decorative lattices and ventilation valves. Door accessories include handles, lock cylinder, kick plate and doorbell.





VENTILATION

EASY VENTILATION

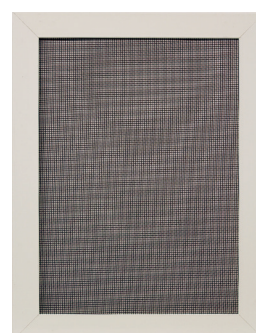
For ventilation, the window can be equipped with ventilation window fittings, which makes the opening and closing of the window or ventilation hatch easy and safe, using one handle.

HANDLES

The handle range includes styles from angular to more decorative oval design to suit the design of the window. The pine handle is ideal for a sauna window.

MOSQUITO SASHES

A mosquito sash, easy to remove from the window for the winter, is available for the ventilation window. The screen material is either plastic or metal. The metal screen can be left in place for winter.



Metal screen mosquito sash.



Straight handle, white



Straight handle, chrome



Oval handle, white



Oval handle, chrome



BLINDS

The blinds allow you to adjust the room brightness and limit the sun's heat and direct sunlight. They also provide excellent protection from view. It is convenient to purchase the blinds at the same time as the windows and doors, so that they can be installed at the factory (except for fixed windows).

INKA

Pihla's integrated Inka blind is stylish and easy to use thanks to the single adjustment knob. The Inka blind is suited to Pihla Varma and Termo windows. Protected between the inner and outer sashes, the slats will stay smart and intact for years, even decades.



The Inka blind is easy to operate. The amount of light in the room is adjusted by turning the slats with the adjustment knob. The same knob can be used to adjust the blind at the desired height, with the extra lifting string rolled around the string knob.

VEKKI

The easy-to-use Vekki pleated blind is suited to Pihla's fixed windows and single-leaf balcony doors. Featuring a two-fold mechanism, the Vekki pleated blind can be adjusted to the desired height steplessly upward from the bottom or downward from the top.



The Vekki pleated blind features convenient height adjustment. Vekki sits firmly in place when the door is opened and in windy weather with the door open.

SURFACE BLINDS

There are also surface-installed blinds available for fixed windows and balcony doors.

COLOURS

There are several colour options available besides the standard white.

VEKKI PLEATED BLIND

Pihla's patio and balcony doors and fixed windows can be fitted with the very durable and easy-to-care-for Vekki blind. In addition to several colour options, Vekki is also available as a pleated blackout blind.



KLIK FRESH AIR VALVE

The KLIK fresh air valve is a window valve for opening windows that automatically preheats the inlet air. The valve highlights design and technical performance. The high air volumes of the valve add comfort to living, bringing plenty of clean and fresh air into the home. The KLIK S straight window valve operates without preheating and is suitable for opening and fixed windows as well as balcony doors.

FRESH INTERIOR AIR

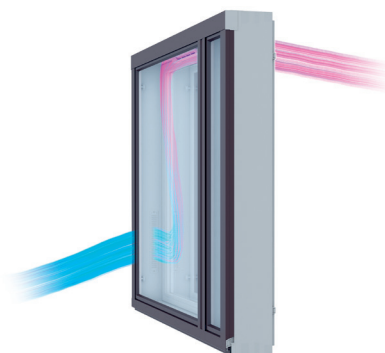
Conveniently positioned in the window sash, the KLIK fresh air valve enables a steady and comfortable flow of fresh air. If necessary, it is also possible to temporarily close the valve completely.



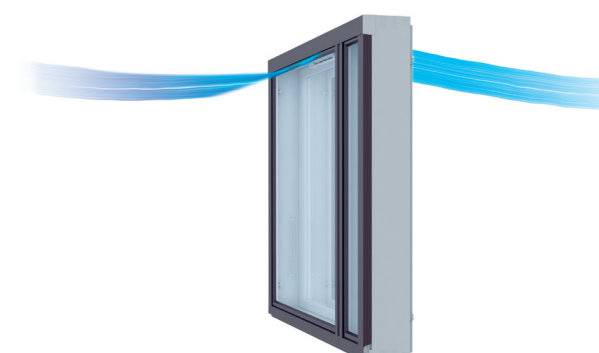
STYLISH

The stylish and easy-to-use valve is available on Pihla's opening window models and is pre-installed at the factory. We recommend valves for homes with mechanical exhaust ventilation. The KLIK fresh air valve is available in white and grey.

Removing the valve for maintenance operations is easy. Filters can be handily replaced without tools.



In cold weather, the inlet air is preheated using the heat in the space between the window panes.



In warm weather, fresh inlet air flows directly through the valve.

AUTOMATIC TEMPERATURE ADJUSTMENT

KLIK valve automatically adjusts the inlet air pre-heating according to the outdoor temperature. In cold weather, the inlet air is preheated using the heat in the space between the window panes. In warm weather, fresh inlet air flows directly through the valve for maximum coolness and comfort.

KLIK FRESH AIR VALVE IN A NUTSHELL

- Stylish and practical design
- Plenty of clean air
- Automatic temperature adjustment
- Excellent sound insulation
- Easy to use
- Easy-to-replace filters
- No feeling of draught



DECORATIVE LATTICES

The appearance of the windows and the house can be enhanced with decorative lattices. Various types of lattices are available for Pihla's products.

LATTICE

The profile widths of the removable lattice are 25, 60 and 90 mm. The lattice is suited to both opening and fixed windows.

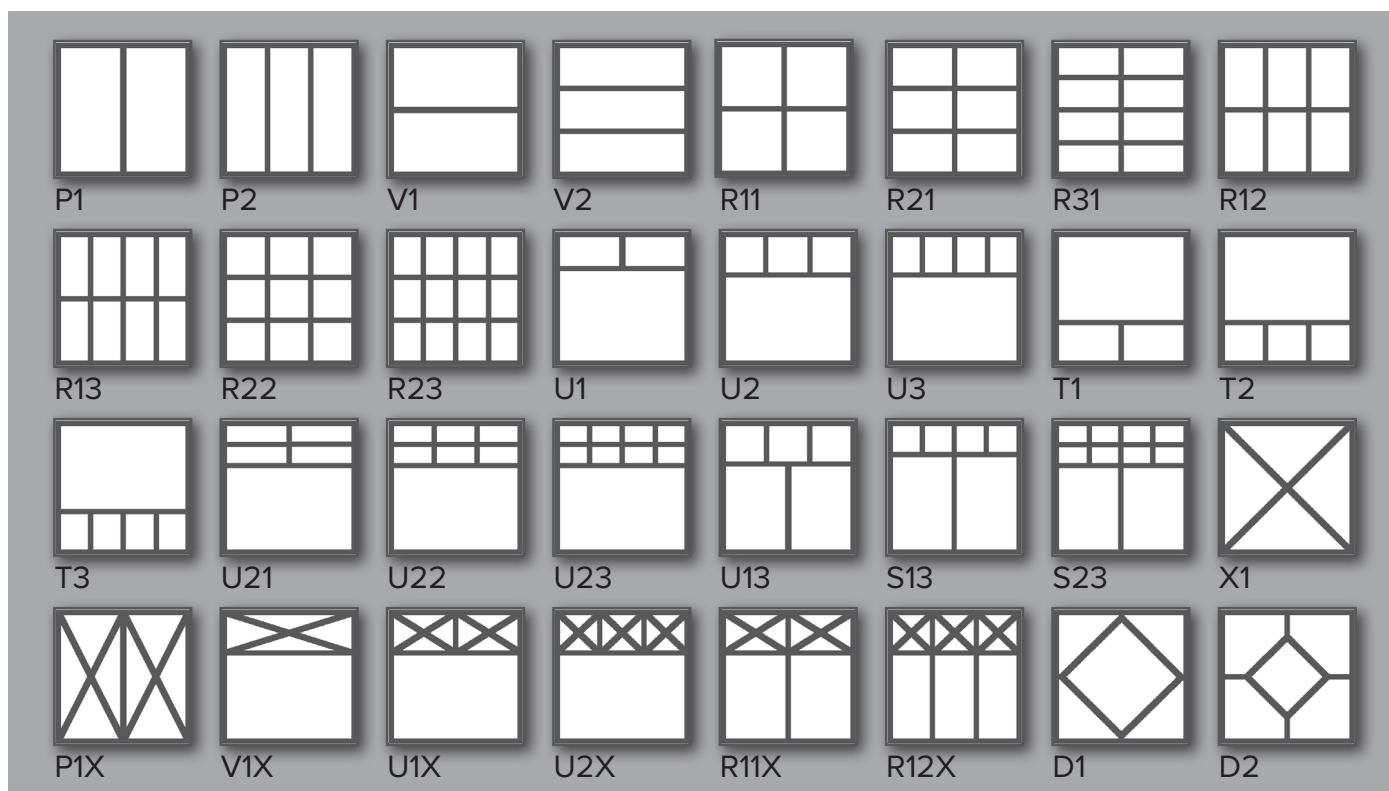
The profile widths are 24, 56 and 110 mm.

REMOVABLE LATTICE

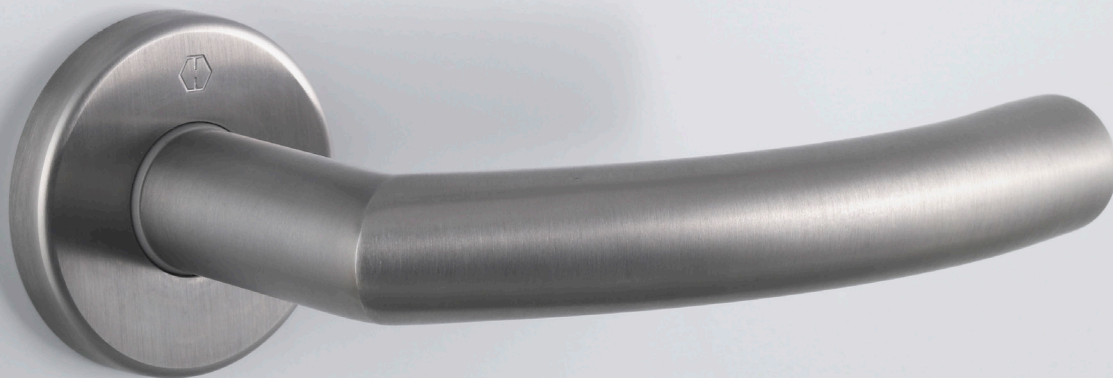
Patio balcony doors can be installed with removable lattices, which are only manufactured as horizontal and vertical lattices. The profile width of the removable lattice is 24 mm.

FIXED LATTICE

Varma windows can also be fitted with fixed lattices on both sides of the outer sash glass.



The most popular lattice models. There are limitations regarding crosses and diamonds.



EXTERNAL DOOR HANDLES

Pihla's handle selection offers suitable models regardless of whether you prefer the traditional or the modern style. The handles are made of brass, aluminium or stainless steel, depending on the model. Surface treatment options vary from polished brass to brushed steel. All handles come with a quick attachment pin for easy installation.



Trondheim, stainless steel
• Brushed surface



Rodos, brass
• Polished brass
• Brushed chrome



Cannes, brass
• Brushed chrome



Amsterdam, aluminium
• Silver + stainless steel



Stockholm, aluminium
• Silver



Dallas, aluminium
• Black



GLAZING

The selection of glazing significantly influences both the product's appearance and its comfort of use. Some customers prefer glass that blurs the view, whereas others want to see clearly through the glass. The selection of window glazing is also strongly guided by energy-efficiency and safety.

GLASS ACCORDING TO YOUR NEEDS

Glass thickness is designed for window size and conditions. In addition to clear standard glazing, toughened, sunscreen, safety and noise reduction glazing are also available, as well as patterned or coloured glazing. Sensible and comprehensive glazing solutions have been designed for Pihla products to meet many needs.

COTSWOLD

Cotswold glass provides excellent protection from view but still lets a lot of light through.

STIPPOLYTE

Stippolyte glass provides good protection from view but still lets a lot of light through.

FLEMISH

Flemish is clear decorative glass with a subdued pattern. The glass provides some protection from view.

SATIN

Satin glass provides very good protection from view. This type of glass can also be called etched, opaline or milk glass.



Cotswold



Stippolyte



Flemish



Satin



PIHLA ANTENNA GLASS

At its best, the home is a comfortable and safe haven for a good life – especially when connections with the outside world work smoothly. The next-generation patented Pihla Antenna glass is a solution to mobile network connectivity problems at home. The Antenna glass enables functional mobile connections to the interior now and in the future, regardless of the operator. So it's good to be home.

GOOD TO CONSIDER IN PLANNING

Issues connected to mobile phone signals play an important role when planning window renovations or choosing windows for a new construction. It is recommended to have at least one Pihla Antenna glass per room, more in large rooms. The Antenna glass requires no electricity or maintenance. The Antenna glass is installed in the window at the factory.

GUARANTEED GOOD CONNECTION

The integrated antenna* for Pihla windows reduces the signal loss caused by structures of the building and also facilitates a reliable mobile signal indoors. The Pihla Antenna glass also serves as an effective auxiliary glass for a mobile router, when the router is placed near the Pihla Antenna glass. The Pihla Antenna glass utilises Finnish state-of-the-art technology and is made in Finland.

PIHLA ANTENNA GLASS

- is durable and safe and needs no maintenance.
- is a patent-protected solution that provides good mobile phone reception and good connections in the 3G, 4G and 5G networks, regardless of the operator.
- does not affect the window's other functions or limit the use of blinds or other glass options.



The antenna is just a very thin pattern in the glass, hard to detect with the naked eye. The Antenna glass receives the signal from the mobile network and distributes it in beam form throughout the room.

* Yhteistyössä

STEALTHCASE

COLOURS

Pihla products are always delivered with finishing. White is popular, but the popularity of other colours has also increased. An external door does not always have to be white, either! We can also manufacture doors and windows in the colour you want, if you provide us with the exact colour codes. We offer four standard colours for external aluminium surfaces.

PAINT

The inside and outside surfaces of windows and balcony doors are painted. The paint used is water-soluble acrylic paint, with surface emission class M1. The environmentally-friendly paint produces no toxic emissions. The standard colouring for painted surfaces is white NCS S 0502-Y.



White
NCS S 0502-Y

Note:

Always check the final colour from the colour chart; due to print technology, there may be colour differences in the brochure. The standard colour is white.

STAINING

The woodwork of windows and wood-aluminium balcony doors can also be stained. The staining is done with water-soluble stain varnish. The standard stain colour is a colourless pine. The other shades are walnut, oak and white lacquer.



Pine
Clear



Walnut
TM-1806



Oak
TM-1802



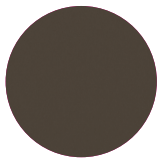
White lacquer
TM-T5715

ALUMINIUM SURFACES

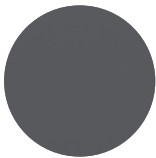
The external aluminium surfaces of windows and patio doors are powder-coated. The outer sash of opening windows and the outside leaves of balcony doors are also available in two colours; the surface visible on the inside can be white, whereas the exterior can be the same colour as the frame's outer cladding.



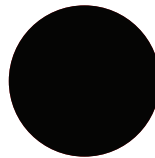
White
RAL 9010



Dark brown
RR32



Dark grey
RAL 7024



Black
RAL 9005

EXTERNAL DOOR COLOURS



White
NCS S 0502-Y



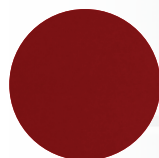
Light grey
RAL 7047



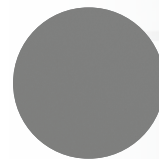
Beige
RAL 1019



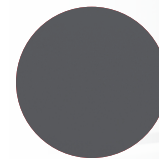
Slate-grey
RAL 7031



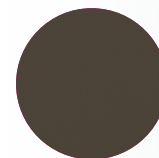
Cosy red
RAL 3011



Grey
RR22



Dark grey
RAL 7024



Dark brown
RR32





Pihla

Varmasti hyvä.

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