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ANCIENT IDEA,
NEW TECHNOLOGY

VIKING WINDOW

Viking Window is internationally known window and door manufacturer with a very wide product range. Our product lines include Scandinavian, English and German style windows; energy efficient doors and windows; traditional wooden entrance doors; sliding and folding doors. Our products are made of wood and wood-aluminium clad. It is possible to order different size and style windows – exactly the kind you need for your building!

We are focused on solutions that are customer-centered and efficient. We use high quality wood, so all our doors and windows are long lasting and economical. We value the wooden material as it is natural just like the other materials we use – water based colors and stains etc.

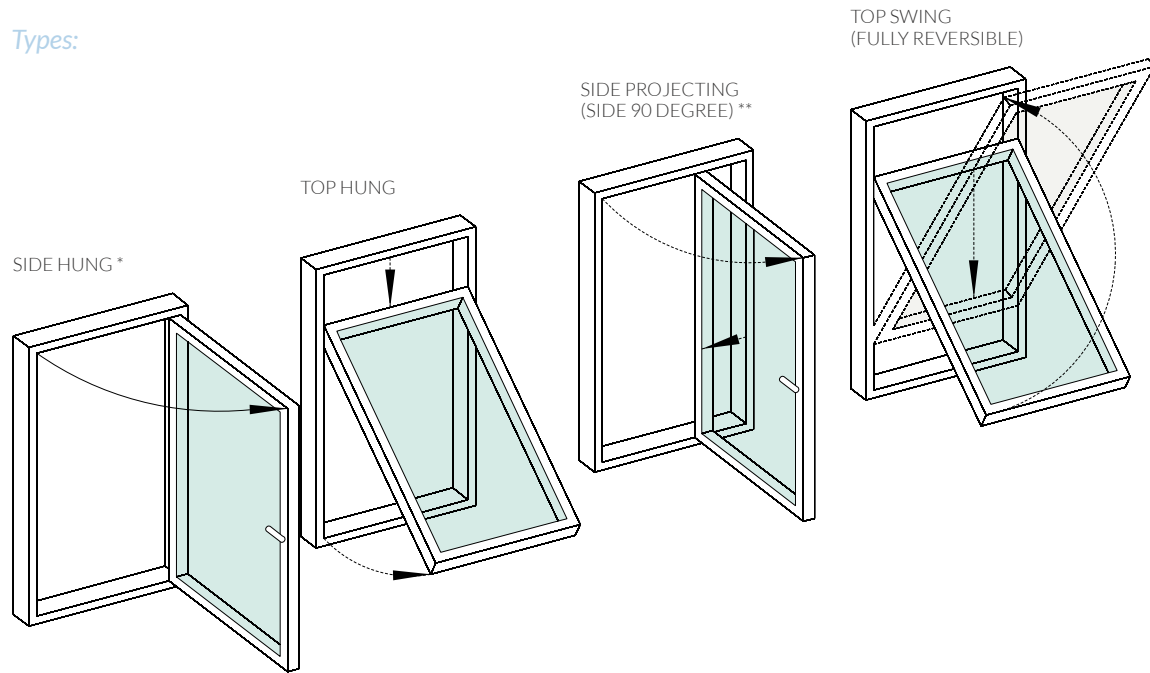


HIGH TECHNOLOGY INSPIRED BY THE NATURE

OUTWARD OPENING WINDOWS

- › Slim profile
- › Excellent for windy and stormy locations
- › Timber and aluclad option
- › Double and triple glazed option
- › Official Passive certified window in selection

Types:



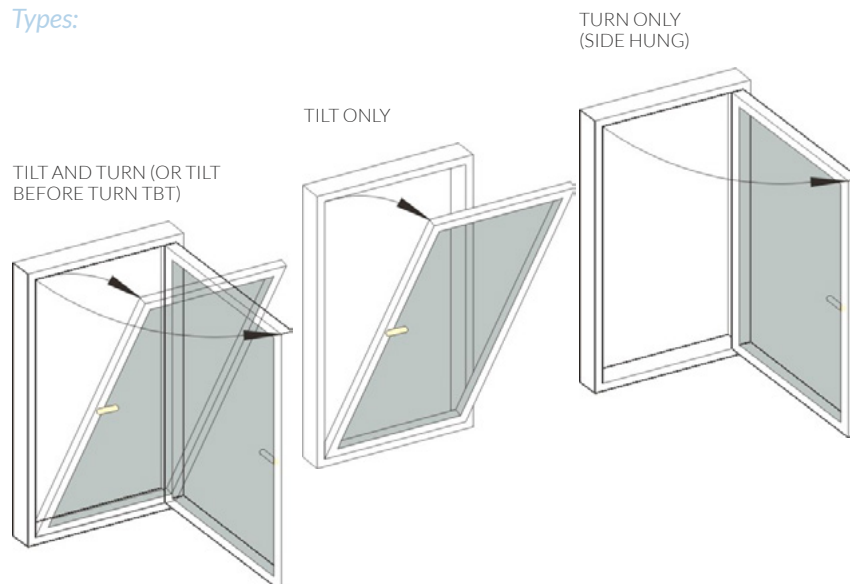
* Triple glazed window (SW17) has option for concealed hinge

** Only for double glazed window (Viking12) and triple glazed passive window (SW14)

INWARD OPENING WINDOWS

- › Tilt ventilation option
- › Easy to clean
- › Double and triple glazed option
- › Energy efficient solution for Passive houses
- › Timber and aluclad option

Types:



SAVE ENERGY!

ENERGY EFFICIENT GLASS UNITS

Triple glazed units guarantee energy efficiency. Hermetic seals provide weather tightness and enable to control indoor climate.

SUITABLE WINDOWS FOR PASSIVE HOUSE

Viking Window's passive house windows have deeper and thicker wooden profile, triple glazed unit ($U_g = 0,47 \text{ W/m}^2\text{K}$ or

lower), SGG Swisspacer V or SGG Swisspace U meaning: warm edge solution and multiple frame seal.

Additional functions can be added to provide better security, soundproof and sun protection. It is also possible to order energy efficient blinds, installed into glass unit.

Window's thermal transmittance is **$U_w = 0,7 \text{ W/ m}^2\text{K}$** for inward opening window and **$U_w = 0,63 \text{ W/ m}^2\text{K}$** for outward opening window.

POSSIBLE WINDOW SOLUTIONS



SLIDING SASH WINDOW

- › Up and down moving sliding sash frames
- › Take little space when opening
- › Possible to have ventilation position

WINDOWS WITH MULLIONS AND TRANSOMS

- › Horizontal and / or vertical posts (transoms/mullions)
- › Maximum measurements 2,5 x 3,2 m
- › Possible to have movable mullion (flying mullion)

SPECIAL SHAPE WINDOWS

- › Distinguished look
- › Round windows
- › Triangular windows
- › Thousands of special solutions



FIRE GUARD WINDOWS

- › Fire protection window EI60 keeps its' consistency in fire at least 60 minutes
- › Fire protection window EI30 keeps the heat away at least 30 minutes
- › Wooden and aluminum window frame
- › Opening and non-opening
- › Very good thermal transmittance, U-value 0,8 W/m²K



NON-OPENING WINDOWS

- › Increased light opening due to a glazing unit installed directly to the window frame.
- › Fixed casement
- › Maximum measurements 2,5 x 3,2 m

ENTRANCE DOOR – THE SYMBOL OF HOME





You can order outward or inward opening and single or double leaf traditional entrance doors, panel doors or terrace doors.

PANEL DOOR

- › Secure and stable
- › One integral insulated door leaf
- › Three-point locking
- › Weatherproof
- › Additional insulation
- › Aluminium layer for moisture protection
- › Two Low Energy and one regular glass panes
- › Thermal transmittance $U_w = 1,0 \text{ W/m}^2\text{K}$
- › Very good energy efficiency
- › Wood and wood-aluminum clad
- › Possible to design the door with grooves and glazing

STANDARD MODELS



PR. 100



PR. 109



PR. 110



PR. 111



PR. 112



PR. 113



PR. 114

TERRACE AND BALCONY SOLUTIONS

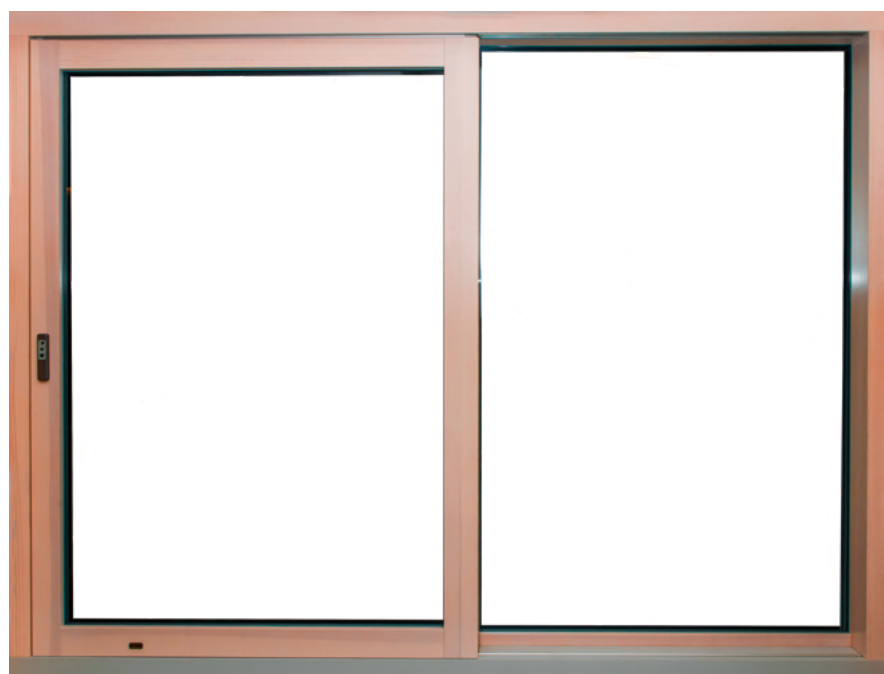
FOLDING DOORS

- › Door leaves are folded to the side
- › Maximum openness of the room
- › Double and triple glazing
- › Energy efficient



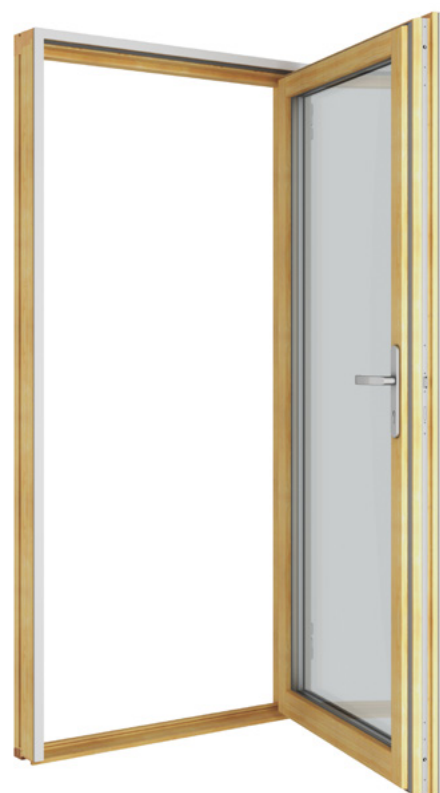
SLIDING DOORS

- › Suitable for balconies and patios
- › Active leaf inside or outside
- › Ice and snow don't damage the rails
- › Sliding system
- › Threshold "sunk" into floor if desired
- › Fixed ventilation position
- › Electrical sliding door option – E-Power



TERRACE DOORS

- › Outward or inward opening
- › Three point locking
- › Comfortable handle
- › Single or double leaf





BLINDS AND ROLLER-BLINDS

Blinds and roller-blinds are developed with a particular focus on customers privacy needs and demands. However, these solutions are important also in energy saving - keeping away solar radiation and overheating.

Viking Wave – roller-blind system - a smart sun protection solution with an operating switch and remote control and possible to integrate into a smart home solution.

VikingWave is an innovative compact roller system that can perform a wide range of tasks and functions to protect against the sun, glare and heat. Roller blinds are fully integrated into the interlayer glass pane, allowing it to be used in a variety solutions.

The VikingWave roller blind system is primarily designed to protect against the sun, reducing the energy needed to cool rooms. At the same time, it also improves the thermal insulation of the glass unit when it is in fully closed position.



OD 11



OD 20



OD 40

Solar panel blinds (with rechargeable batteries included). Operated with a switch and remote control.

The blinds are installed into hermetically insulated environment. Moving the shutters does not have any effect on the sealing properties of the glazing unit and takes place in a completely closed system. Full protection against dirt, dust and weathering is guaranteed.



FLYSCREENS

Viking Window AS has developed flyscreen solutions for its entire product portfolio. Different types of mesh materials are available for every situation!

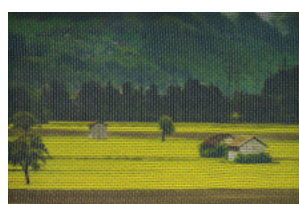
TYPES OF MESH MATERIALS



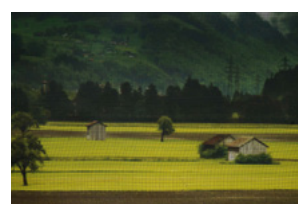
ALUMINIUM MESH



FIBERGLASS FABRIC



E-SMOG



FINE MESH



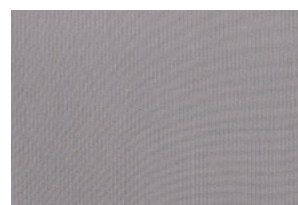
CAT MESH



SUN PROTECTION
FIBERGLASS MESH



STAINLESS STEEL MESH



ALLERGIC POLLEN NET

SOLUTIONS FOR INWARD OPENING WINDOW FLY SCREENS



ALUMINIUM SCREEN ON HINGES



ALUMINIUM SCREEN



RAL9016



E6 / EV1



RAL7016



RAL8001



RAL8014



RAL8022

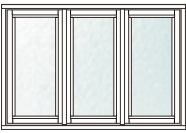
PRODUCT SOLUTIONS FOR WINDOWS



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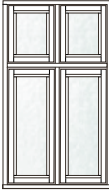
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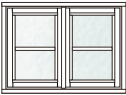
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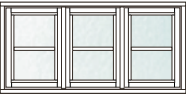
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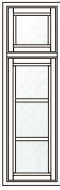
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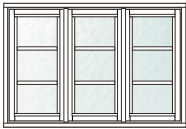
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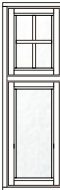
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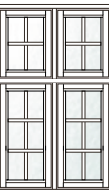
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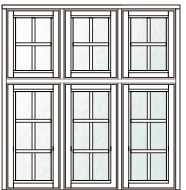
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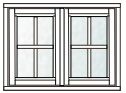
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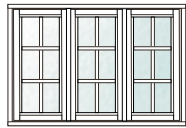
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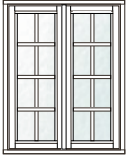
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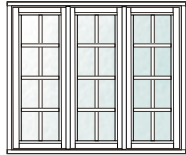
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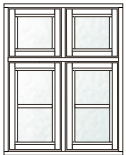
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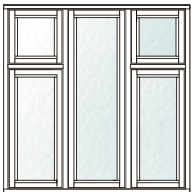
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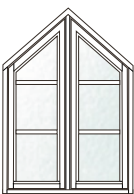
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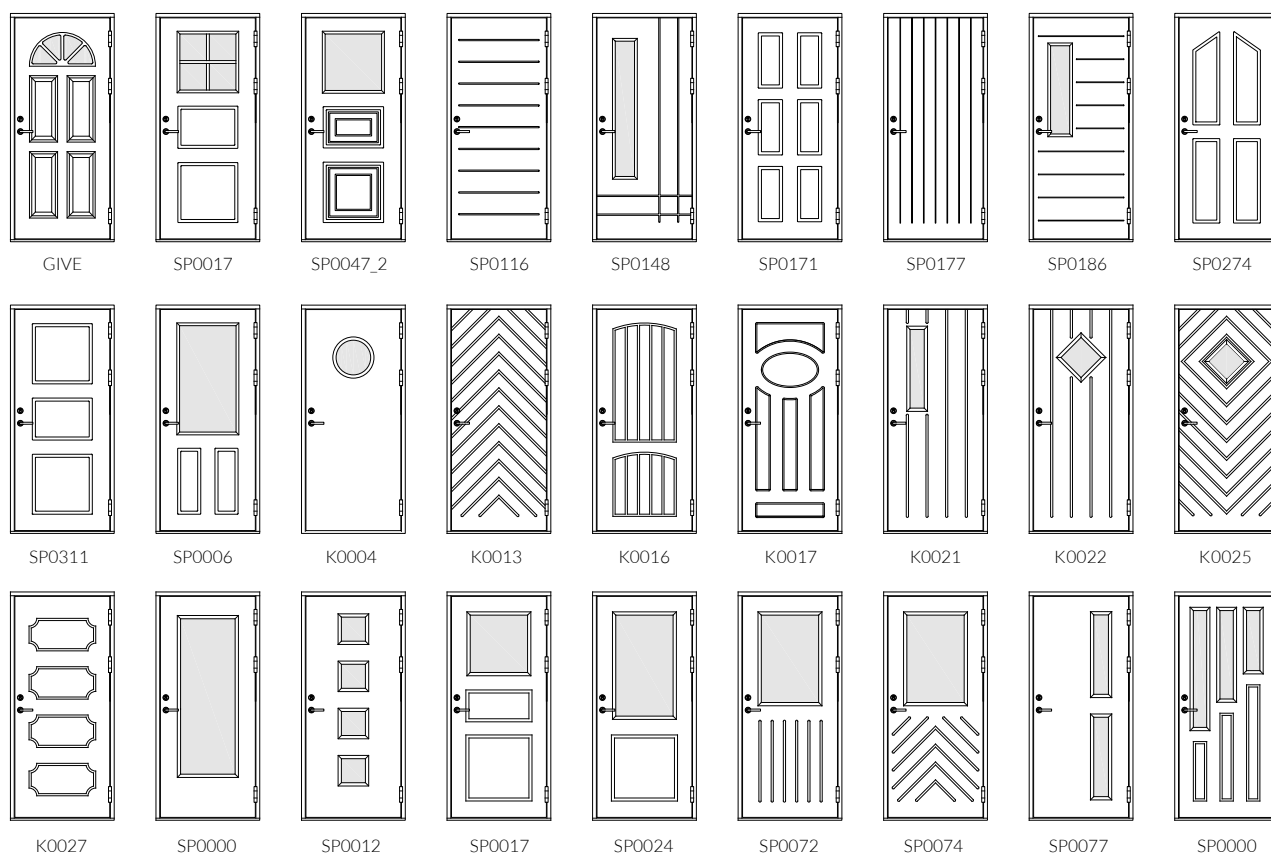


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PRODUCT SOLUTIONS FOR TRADITIONAL DOORS AND TERRACE DOORS



PRODUCT SOLUTIONS FOR PANEL DOORS



ENDLESS COLOR PALETTES



Popular stain colors for doors and windows



RAL-color chart

Window profiles (wood and aluminium) can be painted in any color from the RAL-color chart. We also offer dual-color finish for the products.



Viking Window's doors and windows are made of high quality engineered/laminated wood, without visible finger joint *



* Wooden details, that are over 2 m long, can have limited amount of finger jointed connections.

VIKING SECURITY PRODUCTS PAS24



Viking Window AS has developed a series of security products across all of its product lines that meet the requirements of the PAS24 in UK.

The security products have specially designed handles, hinges, locks, glass unit solutions, etc. Products that have passed PAS24 testing comply with the latest building regulations in UK. The test includes manual attack, removal of the locking cylinder, hinge load test and impact tests. Having successfully passed these tests, our products give you the peace of mind that the product you buy meets the latest security standards.

PAS24 PRODUCT GROUPS:

- › Lift-slide doors
- › Outward opening sliding door Innova
- › Inward opening windows
- › Outward opening casement windows
- › Entrance doors (panel and traditional fully glazed door)



VIKING SMART SOLUTIONS

SMART-AIR ENTRANCE DOOR

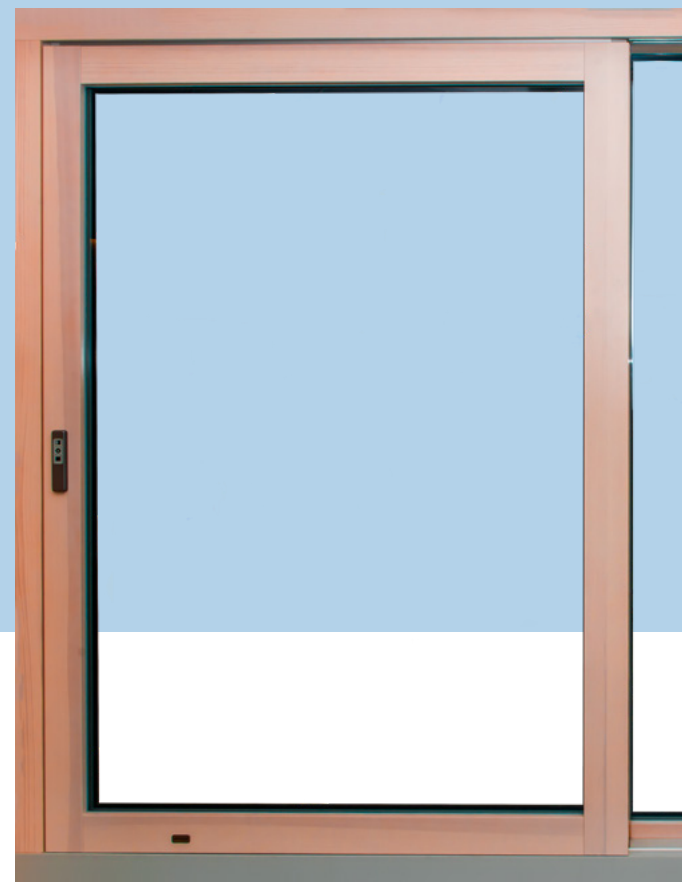
- › SmartAir is an electronic door locking system.
- › It controls the door handle operation - in the closed position, the door handle is not linked into the hardware and the door cannot be opened.
- › For opening, a plastic card, chip or PIN can be used to unlock.



E-POWER ELECTRICAL SLIDING DOOR

E-Power sliding door is a new and unique sliding door that works with an electric motor

- › Excellent thermal insulation
- › $U_d = 0.75 \text{ W / m}^2\text{K}$
- › Control - button, remote control and phone app
- › Integrated engine and batteries
- › Aluminum clad product
- › Large glass area - panoramic product
- › Good weather resistance



VIKING PET-DOOR

Into the Viking Window door and glass units can now be fitted electric pet door. It is completely weatherproof and even suitable for a passive houses. The gate opens and closes automatically with the chip. For security reasons, it has a built-in surveillance system.

- › programmable pet door system
- › Energy efficient, Passive House element
- › automatic opening and closing
- › works with motion sensor or chip

EXCELLENT DETAILS



HANDLES FOR OUTWARD OPENING WINDOW



HANDLES FOR INWARD OPENING WINDOW



FINGER-LOCKS



MONKEY-TAIL



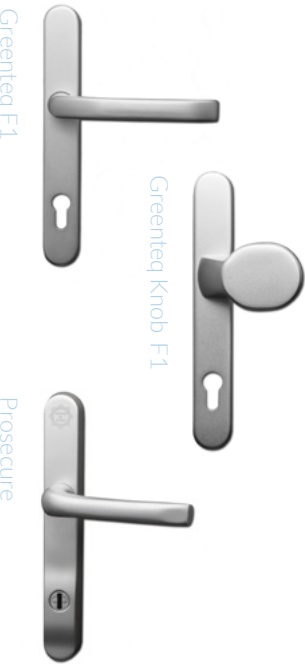
HANDLES FOR ENTRANCE DOOR



Most popular handle options for ASSA lock system



Most popular handle options for Maco lock system



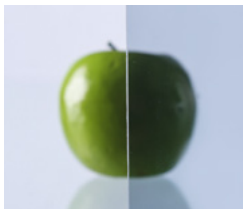
LOCKING SYSTEMS



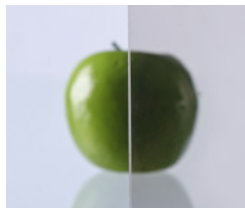
PANEL DOOR WITH MACO SYSTEM PANEL DOOR WITH ASSA SYSTEM PANEL DOOR WITH PULL HANDLE (SLAM SHUT)



SELECTION OF DIFFERENT GLAZING UNITS



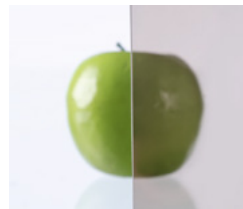
SGG PARSOL GREY



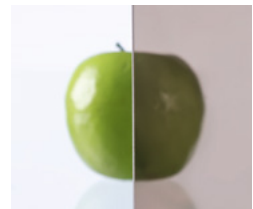
SGG PARSOL BRONZE



SGG SATINOVO



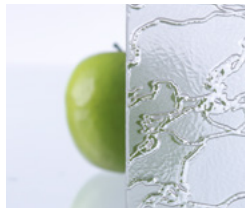
STOPSOL CLASSIC CLEAR



STOPSOL CLASSIC BRONZE



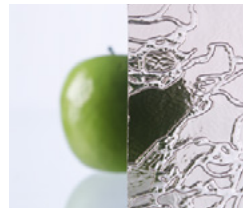
DELTA CLEAR



DELTA MATT CLEAR



DELTA MATT



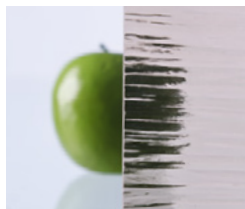
DELTA BRONZE



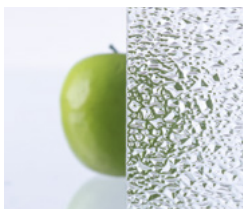
DELTA MATT BRONZE



KURA



KURA BRONZE

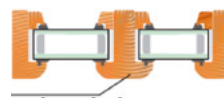


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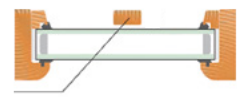
BARS



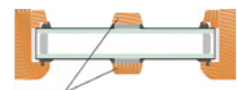
WITH STRUCTURAL GLAZING
BAR DIFFERENT GLASS
UNITS ARE USED



TAPED BAR WITH SPACER BAR IN THE
GLASS UNIT, LEAVING IMPRESSION OF
DIVIDED GLAZING UNITS



REMOVABLE GLAZING BAR
IS INSTALLED ON OUTER
SIDE OF THE WINDOW



TAPED GLAZING BARS ARE
GLUED ON BOTH SIDES OF THE
WINDOW

EXCELLENT
QUALITY



GLASS UNIT is made of glass panels (two or three), which are connected with the spacer bar and are hermetically sealed with a flexible sealant.

ENERGY EFFICIENCY

In order to raise Viking Window's doors and windows energy efficiency, there is:

- › Triple glazed window unit with two Low Energy glasses
- › VikingWave® - An Integrated Roller Blind System for Sun Protection

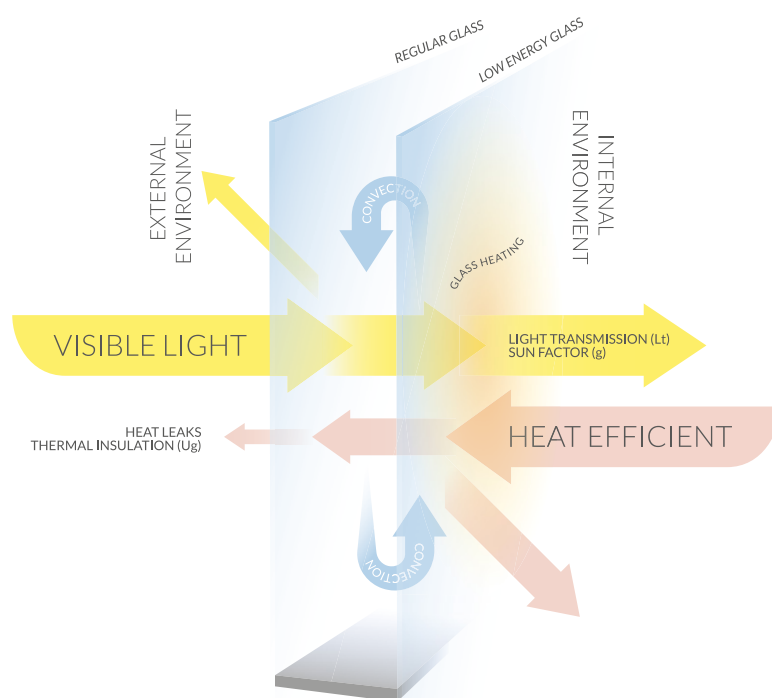
Standard solution involves:

- › Spacer bars for a warm edge solution
- › Using Argon in IGU (insulated glass unit)
- › Double glazed window unit with one Low Energy glass

ADDITIONAL POSSIBILITIES

- › Security glass (toughened or laminated)
- › Sun protection glass
- › Tinted or colored glass
- › Roller blind system within the glass unit
- › Noise reduction glass
- › Mirror glass
- › Pattern glass
- › Self-cleaning glass (Bioclean)

Low Energy glass warms up as quickly as regular glass, but radiates less warmth out of the room. One side of Low Energy glass is covered with the layer of metal oxide.



INTERNATIONALLY RECOGNIZED SKILLS

Wood is a natural material for human's living environment. It carries the character, beauty and style. As such, it requires special care.

Viking Window pays special attention to the quality requirements.

The company is certified with Quality Management Standard ISO 9001 and Environmental Management Standard ISO 14001.

Viking Window products are CE-marked and company also offers windows that are made of FSC®-certified wood.

Since 2014 the passive window is added to the Viking Window AS product line. It is developed and produced by Viking Window AS and is part of the passive house components certified by Passive House Institute in Germany.

Viking Window is many years proud member of British Woodworking Federation and Wood Window Alliance initiative.



**WOOD. AT THE HEART
OF A GOOD WINDOW**
The **Wood Window Alliance**



**BRITISH
WOODWORKING
FEDERATION**

CLIENTS ARE RECOMMENDING

Due to a wide product line we have clients all over the world. We value personal and quick service. Windows belonging to the standard selection are manufactured in 3 weeks.

Warranty is 5 years.

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