VENTA
WINDOWS

uPVC WINDOWS AND DOORS

WHY CHOOSE PRODUCTS FROM VENTA WINDOWS?

VENTA WINDOWS

ABOUT US

Venta Windows – Norwegian Capital Company, providing uPVC windows and doors, located and operating in Lithuania since 2006.

- More than 20 years of experience in uPVC production.
- Complete range of windows and doors.
- Certified products.
- High quality customer service.
- Offers are provide within 24 hours.

ENVIRONMENTALLY FRIENDLY

Our products contain absolutely no lead, they are approved as environmentally friendly and can be fully recycled. Venta Windows provides only 100% recyclable products. uPVC with its lifespan of 40-50 years has less environmental impact if compared to wooden frames, that last only up to 25 years. There is also additional environmental (and financial) burden for the wooden frames, since they need to be lacquered regularly.

EASY MAINTENANCE

High quality uPVC windows are extremely easy to care for and require minimal maintenance. Wooden windows, on the other hand, have to be glazed just about every two years and painted every 5 years. uPVC is extremely resistant to weather conditions. All you need is dishwashing liquid to clean the window frames.

THERMAL INSULATION

Window profiles made of uPVC score top marks when compared with aluminium or wooden windows. They have better thermal insulation values and are able to reduce energy and heating costs. The U-value of our windows can be as low as 0.72/Wm^{2}K. All the values are tested according LST EN 14351:2006+A1.

EXCELLENT WEATHER RESISTANCE

uPVC profiles withstand various kinds of weather conditions and UV-rays and meets highest standards in water tightness, air permeability, resistance to wind load and frame thermal transmittance.

EXCELLENT SOUND PROOFING

uPVC profile systems have multiple chambers inside the profile structure while the hardware system is equipped with multi-point locking system to ensure proper closing and tightness. This efficiently reduces noise disturbance down. The minimum sound insulation is 34 dB and it can reach as high as 47 dB.

CORROSION RESISTANT

uPVC products can withstand corrosion caused by high pollution like in big cities or marine environments.

HEAVY METAL FREE

uPVC products are free of heavy metal elements and other hazardous substances.

BREEAM NOR

CERTIFICATES

Venta Windows, as your windows provider, is concerned about your long lasting satisfaction. To meet your expectations, our uPVC products are certified by Norwegian Door and Window Control (NDVK). The uPVC products also have Enova authentication, which certifies that Venta Windows products have a U-value lower than 1.0.

NDVK NORSK DØR-OG VINDUSKONTROLL SERTIFISERT · enova ANBEFALER · FDV documentation · CE

An Environmental Product Declaration, EPD®

EPD

GUARANTIEES

10 years for the profile
5 years warranty on lamination
5 years warranty for glass unit and fittings

WINDOW OPENING TYPES

VENTA WINDOWS

Windows are one of the main structural parts of a house and they fulfil many functions. They are the source for daylight, a ventilation mechanism, provide heat insulation, security device and they are elements that need to combine the interior and exterior.

Mainly windows are devided in two groups according to opening direction: inside opening and outside opening. Venta Windows offers wide range of uPVC windows which can satisfy every customers needs. Ideal for all those people that don't want to compromise on technology or appearance.

FIXED WINDOWS

Fixed windows - glass panels in the frame without any opening function. They can be produced from any profile that we offer.

OUTSIDE OPENING WINDOWS

Side hung window - window with hinges on the left or right part of the frame. Produced from the Nordline profile.

INSIDE OPENING WINDOWS

Kipp windows - very simple, easy opening for ventilation. Mainly for industrial facilities, can be made from E-passive or Elite profiles.

Top hung window - window with hinges on the upper part of the frame, produced from Nordline profile.

Tilt before Turn windows - windows that open on the right or left side with an extra "kip" solution for ventilation. Can be produced from E-passive or Elite profiles.

Top swing window - vertically flips around almost touching the frame with the light motion. Can be produced from Elegant profile.

uPVC PROFILES

VENTA WINDOWS

E-PASSIVE

- **Window U-value (Uw) three layer glass unit - up to 0.72 W/m²K**
- Sound insulation - up to 47 dB
- Profile width – 84 mm
- Profile height – 120 mm
- Number of seals – 3
- Number of chambers – 6

ELITE

- **Window U-value (Uw) two layer glass unit - up to 1.2W/m²K**
- **Window U-value (Uw) three layer glass unit - up to 0.89 W/m²K**
- Sound insulation - up to 42 dB
- Profile width – 71 mm
- Profile height – 125 mm
- Number of seals – 2
- Number of chambers – 5

NORDLINE

- **Window U-value (Uw) two layer glass unit - 1.3 W/m²K**
- **Window U-value (Uw) three layer glass unit - up to 0.9 W/m²K**
- Sound insulation - up to 33 dB
- Profile width – 120 mm
- Profile height – 91 mm
- Number of seals – 1
- Number of chambers – 5

ELEGANT

- **Window U-value (Uw) two layer glass unit - 1.3 W/m²K**
- **Window U-value (Uw) three layer glass unit - up to 0.9 W/m²K**
- Sound insulation - up to 41 dB
- Profile width – 70 mm
- Profile height – 104 mm
- Number of seals – 1
- Number of chambers – 5 (frame)
- Number of chambers – 7 (sash)

uPVC MYTHS:

MYTH:

uPVC contains hazardous materials.

Fact: BREEAM document proves that our uPVC profiles are harmless.

MYTH:

uPVC windows contributes to the danger of building fires.

Fact: mainly uPVC consist of salt. Salt by its nature resists combustion. Hence, windows made of uPVC are naturally self-extinguishing, they are difficult to ignite, and the heat production is comparatively low.

MYTH:

uPVC windows can not be recycled.

Fact: laboratory tests show that the material can be recycled more than 8 times! uPVC is thermoplastic and can be melted, reshaped and reused several times.

MYTH:

Sunlight makes uPVC brittle and creates small cracks.

Fact: cracking of profiles occurs for the following reasons: because of too thin uPVC layer or too much of calcium and recycled uPVC in the composition of uPVC profile. Venta Windows provide the highest quality products that follow the strict rulles of production.

MYTH:

uPVC windows degrade over time and the color may be turning yellow.

Fact: there is no evidence that uPVC degrade over time. It is known that in earlier production of uPVC in composition there was a lack of Titanium-dioxide which provides 100% resistance to UV-rays.

TERRACE DOORS

Terrace doors open completely, joining room and yard or terrace spaces. Special rigid profiles ensure stability of the structure and easy operation. These doors meet all tightness requirements applicable to windows and together with that as a standard are delivered with key locks.

TILT SLIDING DOORS

The doors open to the side sliding in parallel to the fixed part and can be tilt-opened for ventilation. When the door is closed it is in the same line with the fixed part. When the door is being opened, it is drawn inside and pushed to the side. Maximum width of the movable part is 2.5 meters. Maximum size of the entire doors – 3x2.4 meters.

LIFT SLIDING DOORS

The movable part of the door moves in parallel to the fixed part. When movable part is being opened, it lifts with no effort on the rollers with bearings and moves very easily. When the door is being closed, it moves down and closes tightly. Opened door could be fixed in any position. The door can be locked leaving a little gap for ventilation. Threshold of the door is just 17 mm high; there are no obstacles for children or wheelchairs. The maximum size of the structure is 6.5 x 2.3 m.

Scheme A-1

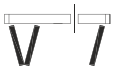
Scheme C

Scheme A-2

Scheme G

FOLDING DOORS

Folding doors open completely, leaving no crossbars or immovable parts. The doors may consist of several sections, suitable for large opening, up to 4x2.4 (WxH), to enhance sense of open space to terrace and for entire opening a little space is required. One of the sashes can be used for entrance passage.



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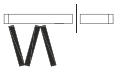

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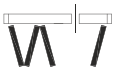

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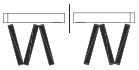

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uPVC ENTRANCE DOORS

VENTA WINDOWS

uPVC ENTRANCE DOORS ARE THE RIGHT CHOICE FOR THE FOLLOWING REASONS:

- **Security**
  Entrance doors are equipped with three-point locks to ensure security and tightness. Around the handle is a hardened steel plate to prevent drilling. The hinges are mounted on the metal.
- **Thermal efficiency**
  Depending on the design and if the frame is filled with glass unit U-value can vary from 1.6 to 1.2 W/m^{2}K.
- **Durable and practical**
  The frame of the doors are equipped with steel reinforcements that ensure stability and durability.

TAYLOR DESIGN

ZETA

GAMA

BETA

ALPHA

DELTA

KAPA

STEEL DESIGN

UPSILON

ETA

EPSILON

LAMBDA

SIGMA

OMEGA

FILLING DESIGN

Xi

IOTA

NU

PSI

CHI

THETA

DECORATIVE GLASS
ADDITIONAL COLOURS FOR uPVC

VENTA WINDOWS

INSULATING

We use well-known glass manufacturer that after many years of production has an international confidence in the market (Pilkington, Guardian, etc.) All glass units are filled with argon gas, which is harmless but provides incredible insulation. We offer several standard glass, but can also manufacture units to meet customer requirements, eg. sunprotected, energy-efficient and self-cleaning.
All our glass units are with "warm edge" spacers called Chromatech Ultra. Warm edge spacers reduce the heat loss, CO_2 emission, improve indoor climate and 100% recyclable.

Klear day

Mat view

Rainy day

LAMINATES FOR uPVC

DEC. 154 Walnut

DEC. 025 Dark Oak

DEC. 026 Mahogany

DEC. 907

DEC. 640

Alux DB 703

DEC. 072 Anthracite

DEC. 110 Golden Oak

DEC. 144 Macor

Basalt Grey

DEC. 004 Grey

DEC. 006 Dark Green

DEC. 079 Metalic Blue

DEC. 111 Black cherry

DEC. 027 Red

DEC. 402 Cherry

DEC. 623 Oregano

DEC. 145 Irish Oak

Laminate samples may deviate slightly towards the finished product.
For more laminate alternatives, ask for our laminate palette.

DECORATIVE PARTITIONING OF WINDOWS

DUPLEX

Division of window with decorative bars glued on glass surface and hot rim partitioning inside the glass unit. Available 27 mm, 45 mm.

GLUED BARS

Division of glued decorative bar directly on the glass surface. Available 27 mm, 45 mm.

BARS INSIDE GLASS UNIT

Decorative bars inside glass unit. Available 18 mm, 25 mm, 45 mm.

COMPLECTATION OVERWIEW

VENTA WINDOWS

HANDLES FOR INSIDE OPENING WINDOWS

Simple handles

white | silver | bronze | brown

Lockable handles for child safety

white | silver

bronze | brown

HANDLES AND HOOKS FOR OUTSIDE OPENING WINDOWS

Simple handles white | Simple handles silver | white with key and button | silver with key and button

white

silver

HANDLES FOR TILT SLIDING TERRACE DOORS

Inside handle and cylinder

- white
- silver
- brown

Outside handle and cylinder

- white
- silver
- brown

HANDLES FOR LIFT SLIDING TERRACE DOORS

- white
- silver
- brown

HANDLES FOR ENTRANCE DOORS, TERRACE DOORS AND FOLDING DOORS

- white
- silver
- brown

Latch for doors

silver, on inside

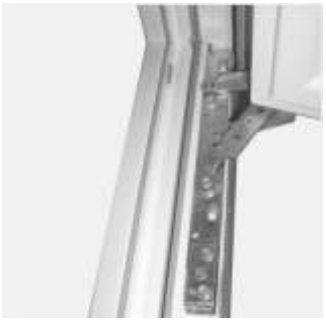
Grip handle

- white
- silver
- brown

FITTINGS

For most of our production we use German and Austrian Siegenia/MACO fittings. They produce most reliable and highest quality window and door fittings in Europe.

HIDDEN HINGES



Bottom

Top

For inside opening windows we can offer hidden hinges. The name speaks for itself - there are no visible hinges on the window.

CHILD PROTECTION

KISI2 mechanism on the handle. To open the window you have to use both hands simultaneously. Perfect solution for children safety.

A handy hook that easily opens and closes. It's invisible when the window is closed. This is a practical solution for private homes.

Åbra Havn Hotel. Kristiansand, Norway

Thon Hotel Spektrum. Oslo, Norway

Frogner House Hotel. Oslo, Norway

Flat Building Bordalssvingen. Kristiansand, Norway

Cotteges Vestnesstraumen Brygge. Mandal, Norway

Flat Building Bie Alle. Grimstad, Norway

Flat Building Otium-ilahaggene. Oslo, Norway

Flat Building His Terrasse. His, Norway

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