

ALUPLAST

WINDOW AND DOOR SYSTEMS

aluplast®

www.ekookna.com

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TAILORED TO YOUR NEEDS

Design meets technology

The Ideal range of solutions

Ideal is a brand that has been revolutionising the window and door market for nearly three decades. Evolving with the times, these systems have transformed the everyday lives of countless families in Poland and across Europe, placing an ever-greater emphasis on original design and adapting to less conventional expectations over the years.

The current range of Ideal systems strives for completeness, meaning the ability to satisfy all the needs of window and door buyers. Customers will find options with diverse performance parameters, installation and operation methods, often dedicated exclusively to selected markets. Investors planning a cost-effective renovation will find the optimum solution, while architects who refuse to compromise on either function or form gain a tool to realise their concepts.



The parameters presented in this publication refer to reference windows with dimensions of 1230 x 1480 mm.





Renovation

Systems equipped with a renovation frame fin facilitate quick and straightforward window replacement, significantly reducing the scope of necessary works.



Monoblock

Monoblock profiles also accelerate the installation process and enhance the aesthetics of the finished wall. Furthermore, they eliminate thermal bridges and prove excellent for installation within the insulation layer.



Casement

Outward-opening windows and doors are an intriguing solution that additionally helps achieve better sash-to-frame compression. It allows for meeting structural requirements in places where such designs are mandatory.



Flush and View

Flushing the sash or concealing it entirely offers not only an extraordinary aesthetic experience, once reserved for exclusive aluminium systems, but also serves as a way to invite more natural light in.

IDEAL 4000

The most frequently chosen and thus the best-proven system from the entire Aluplast family is the Ideal 4000. It is largely thanks to this system that five-chamber windows have become the industry standard. The immense possibilities it offers make it the first-choice solution, especially for customers seeking a substantial improvement in thermal comfort and wishing to let more light into their interiors by replacing their windows. The wealth of finishing options and the multitude of versions tailored to different markets unleash creativity, bringing exactly the windows and doors the household has always dreamed of right to their fingertips. Thanks to the optional aluminium cladding, it is even possible to create windows that boldly fit into the minimalist elegance of major cities.

Primary application:
renovations and multi-family housing

monoblock: 70 mm, 102 mm, 122 mm, 142 mm, 162 mm
renovation: 40 mm, 65 mm
aluminium cladding

TECHNICAL PARAMETERS:







0,91-1,30
U_w range:

2
Number of seals:

5
Number of chambers:



AP 40
ANTHRACITE

AVAILABLE VARIANTS:



Monoblock



Renovation



Aluminium cladding



Ideal 4000 NEW



Ideal 4000 Casement



Ideal 4000 Flush



The robust profile construction, combined with large chambers for steel reinforcements, offers the possibility to create large-scale structures.

CENTRE SEAL

The longevity of the dry chamber

Modern PVC systems increasingly utilise centre seal (MD/3D) technology to ensure the highest weather tightness and significantly prolong the lifespan of window hardware. The excellent condition of the hardware translates into effortless and smooth opening and closing of windows, while also preventing secondary damage caused by improper hardware operation.



Three seals - triple protection

PVC systems featuring three seals are rapidly becoming the market standard due to the tangible benefits they deliver:



Maximum weather tightness

Guarantee yourself maximum window tightness through an additional seal that increases the window's resistance to wind load and driving rain. When traditional solutions begin to lose their properties and their ability to protect the household reaches its absolute limit, a window with an additional centre seal guarantees the undisturbed peace of your interior.

01



Reliable hardware

The presence of a third seal creates a so-called dry chamber—a dedicated, double-protected space for the hardware, entirely inaccessible to moisture. Hardware operating in a dry chamber will maintain perfect efficiency for much longer with the same or even a reduced amount of maintenance.

02



The warmest interiors

An additional safeguard against wind and heat loss means even more effective thermal insulation, which flawlessly translates into lower heating bills. In modern energy-efficient and passive homes, this is a benefit that simply cannot be overlooked.

03



INNOVATION WITH EVEN BETTER SEALING

IDEAL 5000

Strong winds and driving rain can pose a real challenge for many window and door systems, but not for the Ideal 5000. Despite its relatively shallow installation depth, the profile offers a classic centre seal featuring an extruded centre dome and a tightly adhering gasket.

The superior tightness of the Ideal 5000 translates into uncompromised thermal comfort for the household in all conditions and a reduced risk of precious heat being blown out of the interior. Enhanced tightness also means better acoustics, which will be appreciated by anyone living in a large city or near a busy road, as well as acting as a robust deterrent to potential intruders.

Primary application:
single-family housing and apartments
in noisy environments

renovation: 40 mm, 65 mm
aluminium cladding

TECHNICAL PARAMETERS:

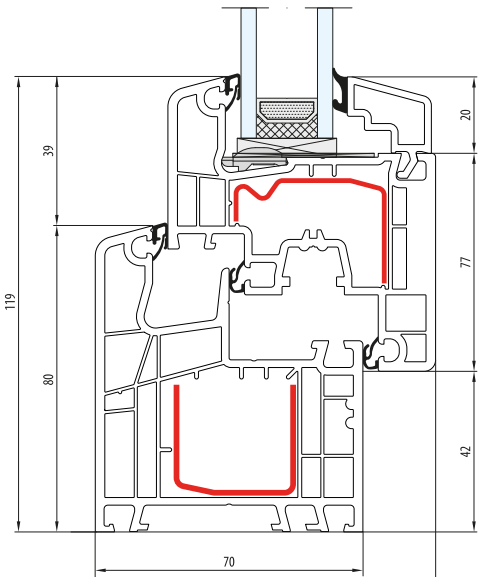




0,80-1,20
U_w range:

3
Number of seals:

5
Number of chambers:



AVAILABLE VARIANTS:



Renovation



Aluminium cladding

THE NEW STANDARD OF HOME WARMTH

IDEAL 7000 NEW

The refreshed version of the Ideal 7000, the Ideal 7000 NEW, is the first choice of countless developers, architects, and private investors across Europe and in many countries beyond. Its thermal parameters match the highest-positioned solutions, actively helping to lower heating bills in houses and apartments.

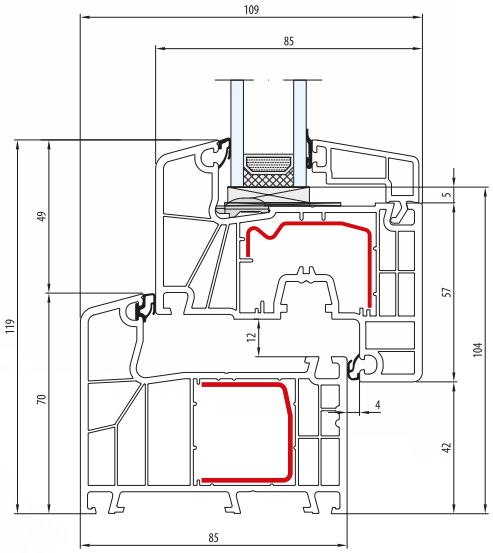
The modern, fully considered design and profile geometry make windows and doors based on Ideal 7000 NEW profiles highly convenient to operate, with their full functionality delighting users for many years to come. What is more, the option to select the core colour makes it effortlessly simple to create perfectly coherent, eye-catching aesthetic centrepieces for any home.

Primary application:
highly energy-efficient new homes and apartments

aluminium cladding

TECHNICAL PARAMETERS:





0,76-1,20
U_w range:

2
Number of seals:

6
Number of chambers:



AP 79
ALUX DB 703

COMFORT IN EVERY RESPECT

IDEAL 8000

Warmth, silence, security, and impeccable aesthetics—these define Ideal 8000 windows and doors. The modern technologies used to create them ensure outstanding performance parameters in their own right, while also preparing the structures to accommodate the finest solutions available on the market, such as triple glazing up to 51 mm wide.

By choosing the Ideal 8000, the customer opts for a premium product suitable even for passive houses. The windows are additionally protected by a centre seal, offering extended hardware lifespan and ensuring beautifully illuminated interiors thanks to an ultra-low profile sightline of just 119 mm. That means more natural light to lift your mood every single day.

Primary application:
passive housing, prestigious developments

aluminium cladding

TECHNICAL PARAMETERS:





0,74-1,10
U_w range:

3
Number of seals:

6
Number of chambers:



AP 75
LIGHT SHEFFIELD OAK

THE IDEAL SOLUTION FOR TODAY AND TOMORROW

IDEAL NEO

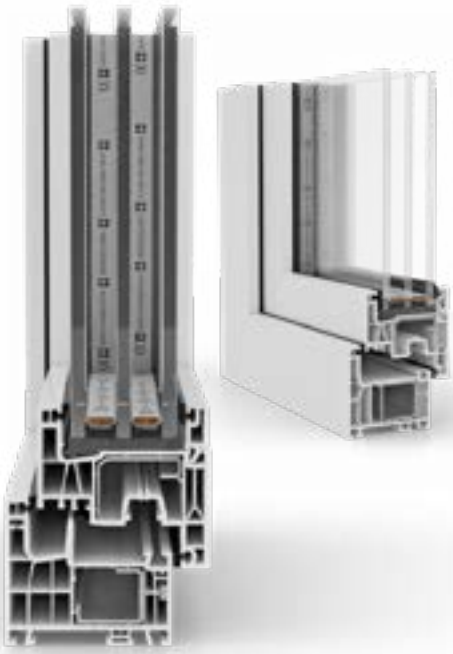
Even perfection can evolve. Ideal NEO windows and doors were born from the relentless pursuit of the perfect form. Inspired by history, they blend seamlessly with contemporary design and flawlessly complement the aesthetics expected in homes, apartments, offices, and public buildings by those who look boldly to the future.

Cubist, Bauhaus-inspired design meets advanced technology here, guaranteeing excellent thermal comfort. The profile structure provides exceptional resistance to deformation and damage, simultaneously acting as an effective barrier against burglary attempts. Meanwhile, a wide selection of premium finishes will enchant both lovers of extravagant luxury and advocates of natural, cosy aesthetics.

Primary application:
modern energy-efficient single and multi-family housing

AD, MD
renovation MD
monoblock: 122 mm, 142 mm, 162 mm

TECHNICAL PARAMETERS: MD



0,80-1,30
U_w range:

2/3
Number of seals:

5/6
Number of chambers:



Ideal Neo AD



Ideal Neo MD



Renovation MD



Monoblock

ENERGETO

THERMAL BRIDGES STAND NO CHANCE!

Powerdur inside

POWERDUR INSIDE technology replaces steel—the material responsible for thermal bridges—with equally durable, ultra-modern composites. Offer your client a decisive step into a future where thermal bridges no longer disrupt their family's thermal comfort.

Primary application:
passive housing and the highest standard developments



0,72-1,10
U_w range

3
Number of seals

6
Number of chambers

Ideal 8000 Energeto



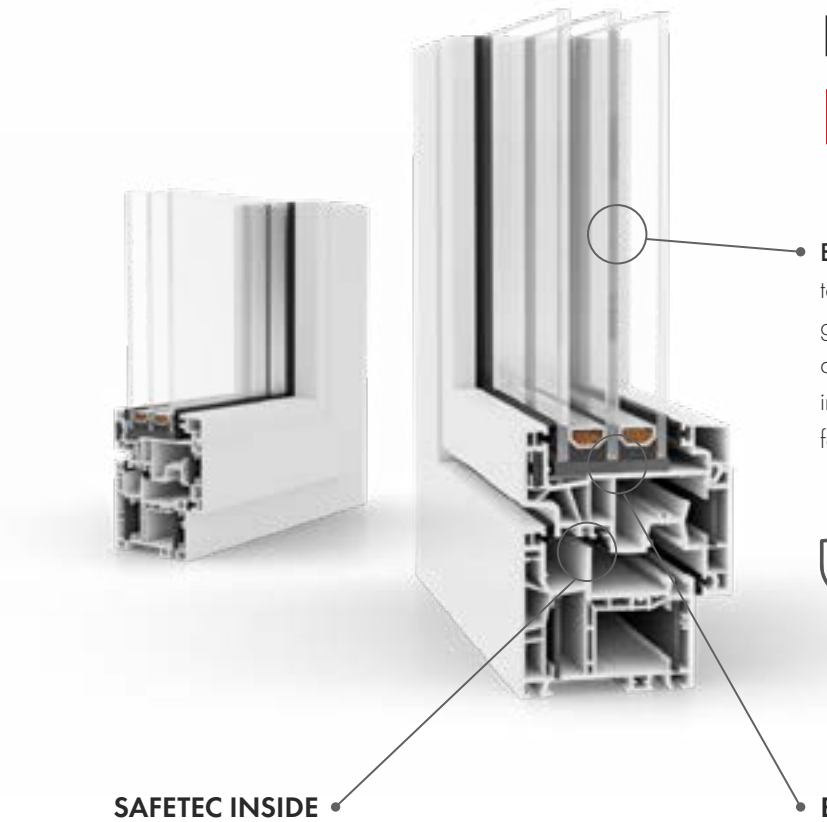
0,76-1,20
U_w range

3
Number of seals

6
Number of chambers

Energeto NEO





Harness the power of **NEO technology**

ENERGY-EFFICIENT GLAZING – Ideal NEO is engineered to accommodate glazing units up to 52 mm wide, which guarantee outstanding thermal insulation. Advanced glazing also provides the opportunity to achieve superior acoustic insulation, protection against interior overheating, and allows for enhanced privacy.

SAFETEC INSIDE

The extruded centre dome with a seal (MD version) constitutes an additional structural barrier against an intruder attempting to access the window hardware; its presence significantly impedes the forcing of the sash.

BONDING INSIDE

A specially formulated adhesive layer effectively bonds the glazing unit to the profile, which greatly improves the static parameters of the structure, increases its durability, and makes it much harder for potential intruders to force the window by pushing out the glass.

IDEAL NEO VIEW

The concealed sash, an undeniable symbol of luxury aluminium windows, is now also available in a PVC edition. Coupled with even wider glazing units, it delivers absolute prestige and full comfort at an attractive price point.



0,93-1,20
Uw range:

60 mm
Glazing with units up to:

103 mm
Profile sightline height:



GERMAN ENGINEERING MEETS POLISH SUPERB CRAFTSMANSHIP

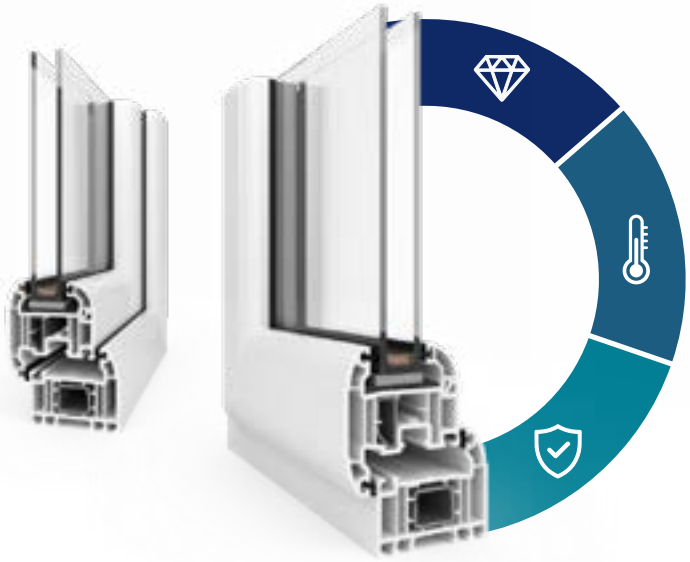
IDEAL 70 UK

Canny British pragmatism fuels the demand for premium double glazing—especially when paired with an unbeatable price point. With the Ideal 70 UK, you can stun your clients by offering high-performance triple glazing in the market's most popular casement format. It's the ultimate solution designed to grow your business across the UK and Ireland.



THE IDEAL CHOICE FOR THERMAL UPGRADES

The Ideal 70 UK combines modern, clean aesthetics with a wide variety of premium finishes and heavy-duty hardware. Its thermal profiles and advanced glazing units lock the warmth inside, keeping heating bills at bay and delivering the home comfort families deserve. Backed by class-leading airtightness, it stands defiant against even the most blustery autumn winds.

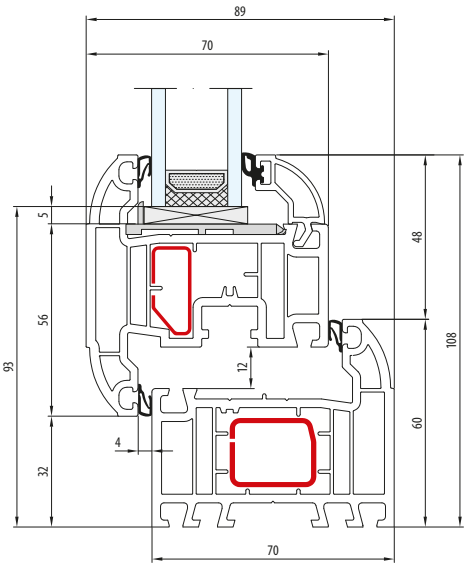


0,81 - 1,2	2	5
U_w range:	Number of seals:	Number of chambers:



When the wind becomes your ally

Engineered to master the temperamental British climate, the outward-opening mechanism of the Ideal 70 UK turns nature's forces into its greatest asset. While traditional designs struggle against fierce winds, this system utilizes pressure to its advantage: the harder the gale blows, the tighter the sash is pressed into the frame for a self-reinforcing seal. Coupled with a profile that effortlessly repels heavy driving rain, it guarantees the elements stay exactly where they belong - outside.



Accessories

Create joinery perfectly tailored to the customer's needs and preferences with a rich selection of accessories that allow for the creation of unique designs.



Warm edge spacers

Even better thermal insulation and less frequent condensation on glass edges.



Air vents

Always perfect indoor humidity, effortlessly.



Threshold substructures

Perfect installation in all conditions, warm and secure.



Muntins

An impressive division of panes in many unusual ways.



Hinge covers

Aesthetic protection for hinges in a matching colour.



Window sills

Window finishing that guarantees a perfect final result.



Handles

An ergonomic and impressive way to comfortably operate the joinery.



IntelliTAG™ Air io

Intelligent protection of doors and windows against intruders.



SWISSPACER Air

A pressure equalisation valve reliably safeguards against glass breakage.

See all accessories at ekookna.com

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Eko-Okna S.A.
ul. Spacerowa 4
47-480 Kornice

www.**ekookna**.com

