

ULTIMATEWINDOWANDDOORS

Products PVC-ALU-WOOD Products

Products

PVC- PVC/ALU



**PVC** PROFILES

Ideal **4000**



#### 02



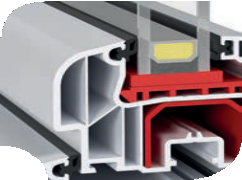
* 5 chamber system
* 70 mm depth

• Uw = 1.3 W/m²K

* glazing thickness up to 41 mm
* modern design, sloped surfaces and round edges inside and outside
* possibility of easy upgrading for controlled ventilation
* different profile s for appealing visual characteristics
* two revolving levels of seal for good air tightness

The Ideal 4000 offers the perfect innovative window in technology and design for life. As one of the first profile manufacturing companies, aluplast recognized the need for higher insulation and developed the top-quality system IDEAL 4000®. Neither visual characteristics nor technical aspects are compromised. It gives a guarantee for design and security for both the commercial industry and private dwellings.

Ideal **4000**



**NEW**

* 6 chamber system
* 85 mm depth

• Uw = 1.3 W/m²K

* glazing thickness up to 41 mm
* design glazing bead for inside
* double design variety in the sash
* possibility of easy upgrading for controlled ventilation

Modern technology profile designed for energy-efficient buildings with wealth of additional system solutions. The 85 mm-deep profiles and a 6 chamber construction provide outstanding thermal insulation properties. IDEAL 4000 new® meets the requirements of modern construction and together with cutting-edge technology and the latest in design and ease of use the Ideal 4000 new performs brilliantly.

Ideal **5000**



#### 03



* 5 chamber system
* 70 mm depth

• Uw = 1.2 W/m²K

* glazing thickness up to 41 mm
* passive house suitable
* double design sash
* design glazing bead for the interior
* different profile outlines for the best optical slim frame
* specially protected hardware chamber for ideal security
* centre sealing system with three sealing levels

The outstanding insulation characteristics of the Ideal 5000 profile provide first class living comfort. IDEAL 5000® is the consequent development of the IDEAL 4000® system on the basis of a middle sealing. With specially developed reinforcements the system IDEAL 5000® in combination with special glazing beads the system is passive-house-standard. The extraordinary construction creates a very slim outside view of the airfoil that highlights the window and makes it particularly attractive to those who like to see less frame and more glazing.

**8000**



Ideal

### PASSIVE

* + 6 chamber system with three sealing levels
  + 85 mm depth

• Uw = 0.8 W/m²K

* + glazing thickness up to 51 mm
  + more light inside area due to leaner appearance
  + large adhesive surfaces between glass and profile
  + glass pane load transfer takes place directly on the internal bars of the profile
  + approx. 20% better heat insulation in the profile cross section
  + increased protection from break-ins, in the area of the glass joint

secure bond between glass pane preventing movement

* + sash does not sink during use

IDEAL 8000® – simply more light, security and heat insulation. This was achieved by increasing the depth of the new Ideal 8000 series to 85mm, using 6 chamber profile construction and the triple-seal system, which not only improves the thermal efficiency of the window, but also positively

#### 04

affects the isolating values of the product. The IDEAL 8000®can be used for special elements such as shaped and oversize designs. The Ideal 8000 fulfills passive

house requirements



HST **85**

LIFT & SLIDE

* + Improved thermal characteristics

• Uw = 0.95 W/m²K

* + possible application in passive house solutions
  + glazing and panel thickness up to 51 mm
  + optimized for triple glazing
  + extremely smooth running, even with extensive large doors
  + appealing colors for individual designs

Lift and slide door perfectly connects the inside to the outdoors making it closer to nature. Even large dimensional elements offer the best security. With a smooth-running lift and slide mechanism even huge sliding elements can be moved very easily. The wide opening provides a connection with the outside using the lowest threshold, making access extremely easy.

## Aluskin

## THE IDEAL PVC WINDOWS CAN HAVE ALUSKIN

Aluskin – best energy saving parameters and unsurpassed esthetics of aluminum windows and facades are the key to satisfying the most demanding architects. The aluplast system of aluminium covers for PVC profiles can be achieved in any colour from the RAL palette, thanks to the modern capabilities of colouring by paint or powder. By using aluminium covers on outer surfaces you can obtain high profile esthetics, improved durability and colour diversity. With no drills, no glue and no time waste you can get a product nothing short of unique.

## Eko Sun **70**

* 6 chamber system
* 70 mm depth

• Uw = 1,3 W/m²K

* glazing thickness up to 36 mm
* grey or black weather-resistant seals
* optional use of a straight or rounded sash

#### 05



Eko Sun 70 system is an offer for all customers who opt for ultimate profile properties while keeping within their budgeted price. Owing to its exquisitely-designed profile, this window made from high-quality PVC ensures great thermal properties. The large chambers allow for the use of reinforcements which enhance the stability of the profile. Recommended to all customers who appreciate good design.

## Eko Sun **70**



**3D**

* + 6 chamber system equipped with three seals
  + 70 mm depth

• Uw = 1,3 W/m²K

* + glazing thickness up to 36 mm
  + gray or black weather-resistant seals
  + sleek surfaces and excellent geometry of the profiles
  + profile available in a wide range of colour and wood veneers

Eko Sun 70 3D has been designed especially for those who require their profile to have excellent thermal properties and high stability. An additional internal seal allows for a reduction in heating costs.

#### 06

**PVC** DOORS

#### 07

EkoLine 01

EkoLine 44

EkoLine 14

EkoLine 15

EkoLine 02 EkoLine 03

EkoLine 04 EkoLine 05



[www.**ekookna**.co.uk](http://www.ekookna.co.uk/)

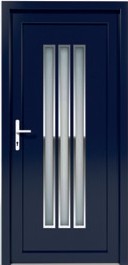
   

EkoLine 06

EkoLine 07

EkoLine 08

EkoLine 35



#### 08

EkoLine 24 EkoLine 13

EkoLine 49 EkoLine 45 EkoLine 12

**ALUMINIUM** PROFILES

Aluminium **MB-45**

* 1 chamber system
* structural depth of the window sections is equal to 45 mm (frame), 54 mm (casement)
* sets of glass panels from 2 mm to 35 mm in window casements and from 2 mm to 26 mm in fixed windows and doorframes

MB-45 is a modern aluminium system intended for designing elements of architectural exterior and interior enclosures that do not require thermal insulation, e.g. various types of partition walls, windows, manual and automatic sliding doors, swing doors, vestibules, display windows, ticket box offices, showcases and spatial structures.

**MB-60**

## Aluminium

#### 09



* 3 chamber system
* structural depth of the window sections is equal to 60 mm (frames) and 69 mm (casements)
* low Uf

The characteristic feature of this system is its close relation to the window/door MB-45, MB-59S and MB-70 systems. Adapting such a constructional design allowed achieving and applying many compatible elements in these systems.

Aluminium **MB-70**



* + - 5 chamber system
    - structural depth of the window sections is equal to 70 mm (frames) and 79 mm (casement)
    - UV depending on the applied profiles and accessories – ranges between 1,5 and 2,39 W/m²K
    - special gaskets made of two-component synthetic rubber

Modern aluminium system intended for realizations of exterior architectural building elements requiring thermal and acoustic insulation, such as: various types of windows, doors, vestibules, display windows or spatial structures.

Aluminium **MB-86**

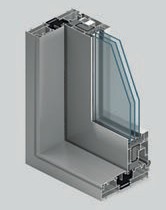
#### 10

* + - large selection of profiles
    - newly shaped, extra thick thermal breaks
    - multi component central gasket
    - glazing strips with additional sealing option
    - glazing up to 67,5 mm enabling all types of two chamber glazing, acoustic and security, anti burglary glazing
    - large, wire-free glass areas
    - appropriate for variety of hardware including concealed hinges
    - water draining available in both traditional and concealed options
    - highly energy efficient from 0,57 W/m²K
    - clean, sharp lines of narrow extruded aluminum framing
    - multitude of finish options

The MB-86 System has been designed to offer outstanding insulation properties. It meets the increasing requirements from the legislative and general

market demands for the enhanced energy saving construction of new windows and doors. Offered in three varieties ST, SI and AERO it is the first aluminum system to employ silica aerogel. This nonporous material has a very high proportion of volume compared to conventional solid materials. Its high pore volume, low solid content and structure allows low values of thermal conductivity. Therefore the system features the industry leading thermal performance. In addition this exceptional profile allows for greater windows in size and weight.

Aluminium **MB-77 HS**



* The lift and slide is a durable and slender profile enable sliding doors of a low-threshold with the weight of the leaf of up to 400 kg, height of up to 3,2 m and width of up to 3,3 m
* a wide range of glazing options, to allow double or triple glazed units combined with thermal breaks , achieving high thermal and acoustic insulation of the lift and slide door
* for aesthetic values glazing beads come in three options: Standard (rectangular), Prestige (rounded) and Style (shaped)

*Lift & Slide* door product is an ideal solution for connecting interior space rooms or conservatories with the outside , terrace or garden area. Providing a smooth and silent slide action , it can bring the benefits of a beautiful day outside, into your living space. In addition, and by way of its design and operation, the MB-77HS is a great space saving opening and does not encroach on the space beyond the internal or external confines of the frame, without any compromise. Providing excellent weather air tightness together with enhanced thermal performance, the MB-77HS complies with all of the requirements associated with this product type.

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**ALUMINIUM** DOORS

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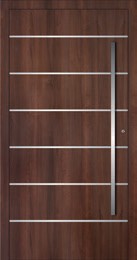
DP 01 DP 12 DP 03 DP 04

DP 05

DP 06

DP 07

DP 17





DP 19 DP 02 DP 18 DP 13

#### 13

DP 11 DP 14

DP 15 DP 09 DP 20

03