

OUR FOCUS



HIGHEST QUALITY

High-class machinery, of which we are the owner, grants us the opportunity to achieve impeccable quality of products. We strive for excellence at every stage of order fulfillment.



ENERGY-SAVING

Our products are characterized by high thermal efficiency. State of the art solutions that we offer have a significant impact on reducing heating costs.



SECURITY

Each of our products can be equipped with anti-burglary glass or larger number of anti-burglary hooks. The safety level may also be increased by door handles with additional security.



DURABILITY

Carefully selected components and technologies that we use guarantee durability and exceptional stability of the product.



FAST DELIVERY DATES

We complete orders for PVC joinery within 7 days. The production of aluminum joinery takes 14 days, while orders for wooden and steel joinery are completed within 30 days.



REPUTABLE COMPONENTS

At every stage of our production process, we cooperate with branded, proven suppliers. A good product and top-class machinery are a guarantee of the highest quality that we offer.



OWN TRANSPORT

We have a huge fleet of trucks. Our hallmark forklifts allow our drivers to unload the product at the customer's site without 3-rd party assistance.



AESTHETICS

A wide range of profiles, colors, finishing strips and various types of accessories make our products stand out from others and become a remarkable showcase of a house or apartment.

WINDOW SYSTEMS AND ACCESSORIES

The multitude shapes of profiles, as well as their colors and accessories, make the offered windows be a decoration of the façade and the interior of the building. Modern technologies used in all elements will ensure the required comfort inside the room.





PVC WINDOWS

A wide selection of products, the ability to create various shapes of structures and a wealth of prepared accessories are the features that definitely distinguish PVC windows from other types of windows.

AVAILABLE SOLUTIONS

CLASSIC-LINE **PROFILE**

ROUND-LINE **PROFILE**

QUBE-LINE **PROFILE**

ALUMINUM COVER

The rounded shape of the profile creates a slim appearance of the entire window at the same time.



The profiles present simple, cubist forms which, thanks to flushing, refer to the style of aluminum windows.



Aluminum covers allow to combine the high functionality of PVC windows with a modern aluminum finish on the outside.

CL

The classic, simple shape of the profile

with a non-flush structure is a modern

look of the product.

RL

QL

Α

AVAILABLE SOLUTIONS

MONOBLOCK PROFILE

RENOVATION PROFILE

STV TECHNOLOGY



Frame profile designed for wall mounting with a thermal insulation layer. The availability of different widths of the masking element forming the windowsill allows for the use of profiles with different installation depths.



A profile that enables the installation of windows in existing buildings, without the need to disassemble the old frames. The fin covers the old frame inside the building, and special additional profiles mask it from the outside.



Dry glass bonding-inside technology. The choice of this solution allows for increasing the maximum dimensions of the window, while ensuring easy assembly and disassembly of the glazing used.

M

R

STV

TECHNOLOGIES FOR JOINING PROFILES

V-PERFECT **TECHNOLOGY**

V-SUPER **TECHNOLOGY**

HFL TECHNOLOGY











After the welding process, a low groove is created at the point where the profiles are joined. The weld guarantees the highest level of corner strength while maintaining the impeccable appearance of the product.





It allows to weld profiles in a way that creates connection lines at an angle of 90 degrees. This solution completely changes the appearance of the entire window, imitating a product made of wood.

FITTING TYPES

SIEGENIA **TITAN AF Gealan** Standard | **Salamander**



A fitting that combines comfort of use with a sense of security through the use of 5 safe points. The window with Siegenia Titan hardware can be equipped with visible hinges with covers in various colors or with hidden hinges invisible in the closed position. There are various additional options to choose from, such as a multi-step tilt or positioning the handle at a different height than the default one.

ROTO **NT** Standard **Aluplast** | **EkoSun**



A fitting ensuring comfort of use and safety. Depending on the system, standard locking points are supplemented with 2 or 5 safe points. It is possible to increase the level of security by equipping the windows with additional safe points. Window hinges can be visible or hidden depending on your needs. Additional options, such as an opening lock with a key, friction brake or 4-stage micro-ventilation, make it possible to meet all requirements.

LIST OF PVC **PROFILES**

	U _w Value	U _f Value	Number of gaskets	Number of chambers	Construction depth	Available solutions
Ideal 4000	1.4 W/m ² K for U _g =1.1	1.4 W/m ² K	2	5	70-162* mm	R, M, A, CL, RL
Ideal 4000 NEW	1.3 W/m ² K for U _g =1.1	1.3 W/m²K	2	5/6	85 mm	CL, RL
Ideal 5000	1.3 W/m ² K for U _g = 1.1	1,2 W/m²K	3	5	<i>7</i> 0 mm	R, A, CL, RL
Ideal 7000 NEW	1.3 W/m ² K for U _g =1.1	1.1 W/m²K	2	6	85 mm	A, CL
Ideal 8000	0.83 W/m ² K for U _g =0.5	1.0 W/m ² K	3	6	85 mm	A, CL, RL
Energeto 8000	0.81 W/m ² K for U _g =0.5	0.94 W/m²K	3	6	85 mm	A, CL
Energeto Neo	0.86 W/m ² K for U _g =0.5	1.1 W/m²K	3	6	76 mm	QL
Ideal Neo MD	0.79 W/m ² K for U _g =0.5	1.2 W/m ² K	3	6	76 mm	QL
Ideal Neo AD	0.80 W/m ² K for U _g =0.5	1.2 W/m ² K	2	5/6	76 mm	QL
Ideal 7000 NL	1.3 W/m ² K for U _g =1.1	1.1 W/m²K	2	5	120 mm	A, CL
Nordline	1.4 W/m ² K for U _g =1.1	1.5 W/m ² K	2	4/5	120 mm	CL
Ideal 70	1.4 W/m ² K for U _g =1.1	1.4 W/m ² K	2	5	<i>7</i> 0 mm	RL
4000 Casement	1.3 W/m ² K for U _g =1.1	1.3 W/m ² K	2	5	<i>7</i> 0 mm	CL

M Monoblock profile **R** Renovation profile

STV Technology **A** Aluminum cover

CL Classic-line **RL** Round-line

QL Qube-line

LIST OF PVC PROFILES

	U _w Value	U _f Value	Number of gaskets	Number of chambers	Construction Depth	Available solutions
greenEvolution Flex	1.3 W/m ² K for U _g =1.1	1.3 W/m ² K	2/3	5/6	76 mm	CL, RL
BluEvolution 82	0.84 W/m ² K for U _g = 0.5	1.1 W/m²K	3	6	82 mm	R, A, CL
BluEvolution 92	0.83 W/m ² K for U _g = 0.5	1.0 W/m ² K	3	6	92 mm	CL, RL
EkoSun 70	1.3 W/m ² K for U _g =1.1	1.3 W/m ² K	2	6	<i>7</i> 0 mm	R, CL, RL
EkoSun 6	1.3 W/m ² K for U _g =1.1	1.2 W/m ² K	2	6	81 mm	CL
EkoSun 7	1.3 W/m ² K for U _g =1.1	1.1 W/m²K	3	7	81 mm	A, CL
EkoSun 6 NL	1.4 W/m ² K for U _g = 1.1	1.4 W/m ² K	2	5/6	120 mm	CL
\$8000	1.3 W/m ² K for U _g =1.1	1.2 W/m ² K	2	5/6	<i>7</i> 4-169* mm	R, M, CL, RL
S9000	0.83 W/m ² K for U = 0.5	1.0 W/m ² K	3	6	82,5 mm	R, CL, STV

The Uw value is given for a reference window with dimensions of $1230 \times 1480 \text{ mm}$.

The heat transfer coefficient of the frame \mid sash profiles - Uf, represents the best thermal variant of a given system.

^{*} Options for the installation depth greater than the minimum, available when choosing a solution with a Monoblock profile.



IDEAL 4000



1.4

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

1.4

 $U_{f}[W/m^{2}K]$

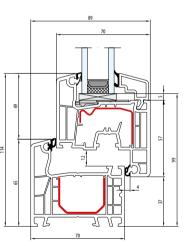
gaskets

5

chambres

70-162

construction depth [mm]



R

Renovation profile

M

Monoblock profile

A

Aluminum cover

CL

Classic-line

RL

IDEAL 4000 NEW



1.3

2

5/6

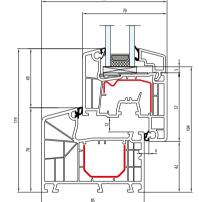
85

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

 $U_{_{\rm f}}[{\rm W/m^2K}]$

gaskets chambres

construction depth [mm]



CL

Classic-line

RL





IDEAL **5000**

1.3

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

1.2

 $U_{f}[W/m^{2}K]$

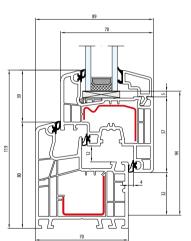
gaskets

5

chambres

70

construction depth [mm]



R

Renovation profile

Aluminum cover

CL

Classic-line

RL

IDEAL 7000 NEW

1.3

1.1

2

6

85

 $U_{\rm w}$ for $U_{\rm g}$ = 1.1 (aluminum spacer bar)

 $U_{_{\rm f}}[{\rm W/m^2K}]$

gaskets

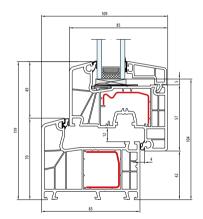
chambres

construction depth [mm]

A

Aluminum cover

CL







IDEAL 8000

0.83

U_w for U_g=0.5 (aluminum spacer bar)

1.0

 $U_{f}[W/m^{2}K]$

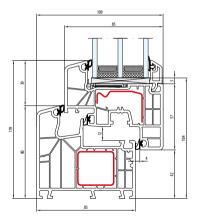
gaskets

6

chambres

85

construction depth [mm]





Aluminum cover

CL

Classic-line

RL

IDEAL 8000 ENERGETO

0.81

 U_w for U_g =0.5 (aluminum spacer bar)

0.94

 $U_f[W/m^2K]$

3

gaskets

6

chambres

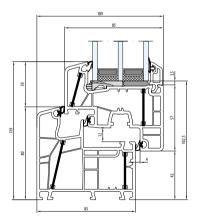
85

construction depth [mm]

Α

Aluminum cover

CL







ENERGETO **NEO**

0.86

U_w for U_g=0.5 (aluminium spacer bar)

1.1

 $U_{f}[W/m^{2}K]$

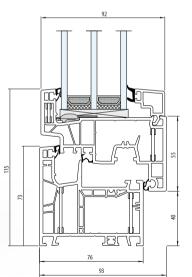
gaskets

6

chambres

76

construction depth [mm]



QL

Qube-line

IDEAL **NEO** MD

aluplast

0.79

1.2

3

5/6

76

U_w for U_g=0.5 (Ultimate spacer bar) $U_{_{\rm f}}[{\rm W/m^2K}]$

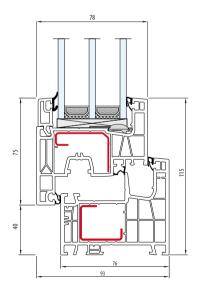
gaskets

chambres

construction depth [mm]

QL

Qube-line







IDEAL **NEO** AD



0.80

U_w for U_g=0.5 (Ultimate spacer bar)

1.2

 $U_{f}[W/m^{2}K]$

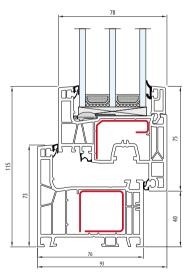
gaskets

5/6

chambres

76

construction depth [mm]



QL

Qube-line

IDEAL **7000 NL**



0.83

U_w for U_g=0.6 (aluminum spacer bar)

 $U_f[W/m^2K]$

gaskets

chambres

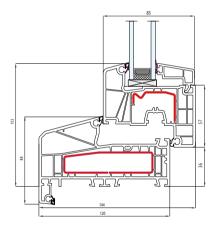
120

construction depth [mm]

A

Aluminum cover (opening)

CL







NORDLINE



1.5

 $U_{_{\rm f}}[{\rm W/m^2K}]$

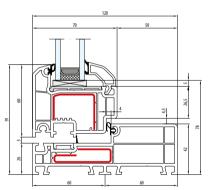
gaskets

4/5

chambres

120

construction depth [mm]



CL

IDEAL **70**

1.4

U_w for U_g=1.1 (aluminum spacer bar)

1.4

 $U_f[W/m^2K]$

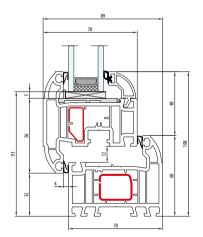
gaskets

chambres

70

construction depth [mm]

RL







IDEAL 4000 CASEMENT



1.3

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

1.3

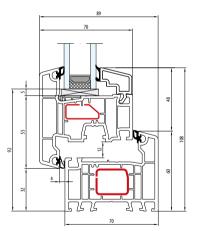
 $U_{\iota}[W/m^2K]$

gaskets

chambres

70

construction depth [mm]



CL

ALUPLAST GLAZING BEADS









QUBE-LINE

FILLING WIDTH [mm]					
10-39	24-39	24-35	10-42		
	Ideal 4000, Ideal 4000 NEW , Ideal 5000, Nord	ine (Dormant), Ideal 70, Ideal 4000 (Casement		
20-49	34-49	34-45	20-52		
Ideal 7000, Ideal 8000 , Energeto 8000, Nordline (Frame)					
17-46	31-46	31-42	17-48		
Ideal 4000 (Sash 140x27)					
22-50	_	_	22-54		
Ideal NEO AD/MD					
_	_	_	36-68		
_	— Energeto	NEO	30-00		

SALAMANDER

GREENEVOLUTION FLEX



1.3

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

1.3

 $U_{\iota}[W/m^2K]$

2/3

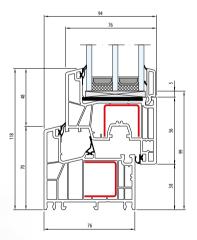
gaskets

5/6

chambres

76

construction depth [mm]



CL

Classic-line

RL

BLUEVOLUTION 82

0.84

U_w for U_g=0.5 (aluminum spacer bar)

 $U_f[W/m^2K]$

gaskets

6

chambres

82

construction depth [mm]

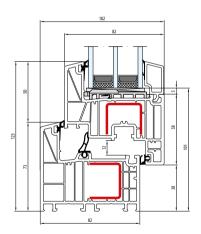
R

Renovation profile

A

Aluminum cover

CL





SALAMANDER WINDOW & DOOR SYSTEMS

BLUEVOLUTION 92

0.83

U_w for U_g=0.5 (aluminum spacer bar) 1.0

 $U_{f}[W/m^{2}K]$

3

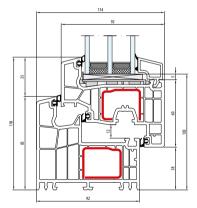
gaskets

6

chambres

92

construction depth [mm]



CL

Classic-line

RL

SALAMANDER GLAZING BEADS

CLASSIC-LINE

SOFT-LINE

ROUND-LINE

HISTORY-LINE









	FILLING WI	DTH [mm]	
15-49	23-29	23-41	23-27
greenEvolution Flex			
23-53	_	_	-
BluEvolution 82			
25-61	35-41	35-53	35-39
BluEvolution 92			



EKOSUN 70

1.3

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

1.3

 $U_f[W/m^2K]$

2

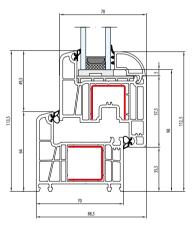
gaskets

6

chambres

70

construction depth [mm]



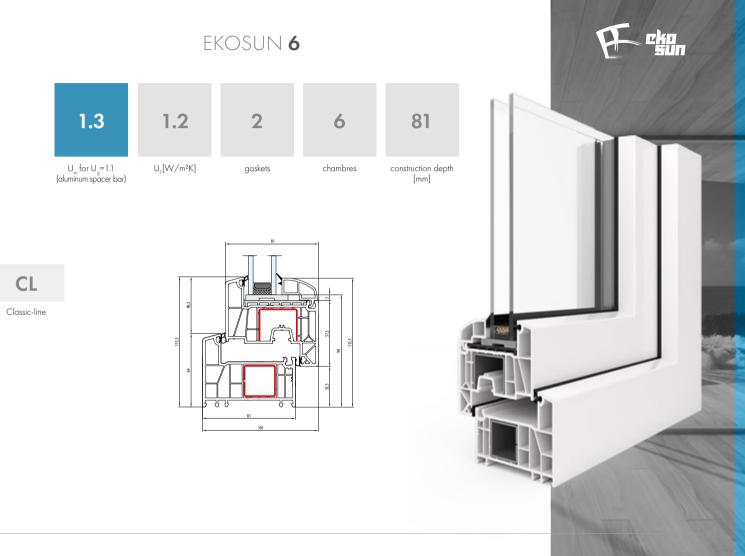
R

Renovation profile

CL

Classic-line

RL





ekosun **7**

1.3

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

1.1

 $U_f[W/m^2K]$

3

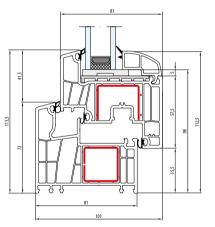
gaskets

7

chambres

81

construction depth [mm]



A

Aluminum cover

CL

EKOSUN 6 NL



U_w for U_g = 1.1 (aluminum spacer bar)

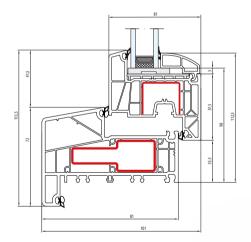
1.4

5/6

chambres

120

CL





EKOSUN GLAZING BEADS

STANDARD -LINE	standard-line	STANDARD -LINE
	FILLING WIDTH [mm]	
32-45	23-25 35-37 EkoSun 70	23-27
41-55	33-34 45-46 EkoSun 6, EkoSun 7	23-40





GEALAN S 8000

1.3

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

1.2

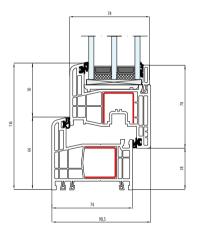
 $U_{\iota}[W/m^2K]$

gaskets

chambres

5/6 74-169

construction depth [mm]



Renovation profile

M

Monoblock profile

CL

Classic-line

RL

Round-line

GEALAN **S 9000**

0.83

 U_{w} for U_{g} =0.5 (aluminum spacer bar)

1.0

 $U_{f}[W/m^{2}K]$

3

gaskets

6

chambres

82.5

construction depth [mm]

R

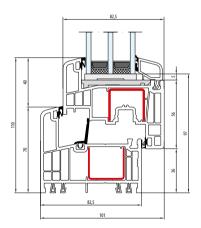
Renovation profile

STV

STV Technology

CL

Classic-line

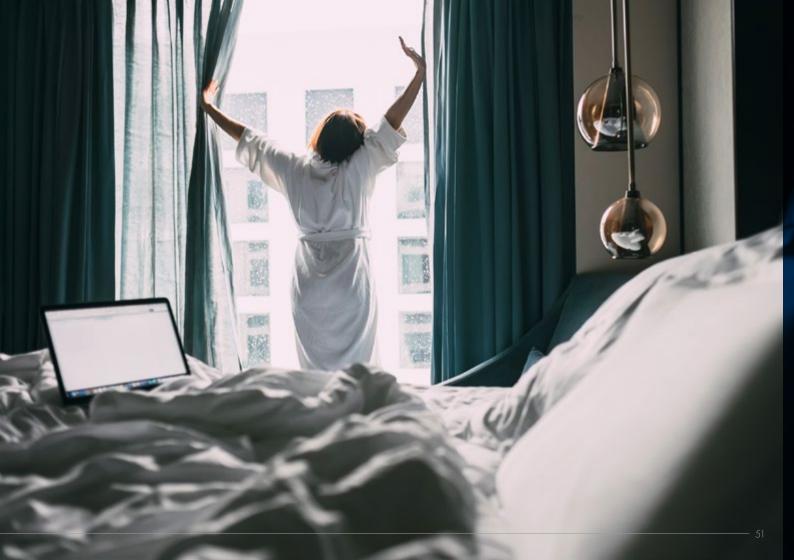




GEALAN GLAZING BEADS

standard-line	standard-line	STANDARD -LINE
	FILLING WIDTH [mm]	
_	17-48 STV 20-50 s 8000	23-24 STV 26-27
23-52 STV 26-54	23-52 STV 26-54	29-30 STV 32-33

S **9000**





ALUMINUM WINDOWS

Modern design of profiles, the possibility of making large glazing with the use of low profiles, additional - unusual design solutions and complete freedom of color are the distinguishing features of aluminum windows.

AVAILABLE SOLUTIONS

PROFILE WITHOUT THERMAL BREAK



THERMAL ELEMENTS







The profile is made entirely of aluminum, for indoor use

The profile is made of aluminum on the inside and outside. In the central part, there is a thermal break, which significantly increases the thermal insulation of the profiles.

Additional elements are attached to improve thermal the thermal parameters of the frame.



SI, I

AVAILABLE SOLUTIONS

INSULATED **VARIANT**



The profile is insulated with additional insulating inserts placed in the thermal break of the frame and sash.

PIVOT WINDOW



System of fittings and profiles enabling the sash to be rotated by almost 180 degrees in the horizontal axis.

HIDDEN SASH



Arrangement of profiles imitating the hidden sash from the outside.

AERO, HI, I+

180°

US, OC

AVAILABLE SOLUTIONS

FIRE PROTECTION SYSTEM



Fire protection systems preventing the penetration of smoke and fire for a specified period of time - in accordance with the classification of the product.

RENOVATION VARIANT



A system of additional profiles enabling development in the manner of renovation, with a layer of insulation of various depths.

MONOBLOCK PROFILE



Frame profile in the Monoblock variant used for embedding in a wall with a thermal insulation layer.

ΕI

R

M

SIEGENIA **TITAN**PVC fittings groove



The fitting type is suitable for installation in profiles with a PVC fitting groove. Modern technology used in each element of the hardware guarantees comfortable operation combined with remarkable durability. The fitting is available with visible or covered hinges, with various additional options, such as micro-ventilation in the corner.

ROTO **AL**Aluminum fitting groove



The fitting type is suitable for mounting in profiles with a EURO fitting groove. The fitting ensures comfort of use, durability and safety at the highest level. The choice of hinges does not end with the visible or covered version, but it is also possible to match them to the weight of the sash in the range from 100 kg to even 180 kg. Additional options, such as micro-ventilation or an opening lock with a key, complete the possibilities for this fitting.

COMPARISON OF **ALUMINUM** PROFILES

	U _w Value	U _f Value	Number of gaskets	Construction Depth	Available solutions
MB-45	2.2 W/m ² K for U _g =1.1	6.0 W/m²K	2	45 mm	-
MB-60	1.7 W/m ² K for U _g =1.1	2.2 W/m ² K	2	60 mm	+, HI, 180, R
MB-79N	0.64 W/m ² K for Ug= 0.5	0.83 W/m²K	2	70 mm	+, SI, US
MB-79N CASEMENT	1.00 W/m ² K for Ug= 0.5	0.83 W/m²K	3	70 mm	SI
MB-86N	1.1 W/m 2 K for U _g = 0.6	1.0 W/m ² K	2	<i>77</i> mm	SI
MB-86 SI CASEMENT	1.1 W/m ² K for U _g = 0.6	1.4 W/m²K	2	<i>77</i> mm	+, SI
MB-104 Passive	0.9 W/m ² K for U _g = 0.6	0.81 W/m ² K	2	95 mm	+, SI, AERO, R
MB-Ferroline	1.4 W/m ² K for U _g =1.1	1.5 W/m ² K	2	84.5, 110 mm	+
MB-Ferroline Industrial	1.4 W/m ² K for U _g =1.1	1.5 W/m²K	2	84.5, 110 mm	+
MB-60EI	2.2 W/m ² K for U _g =1.1	3.2 W/m ² K	2	60 mm	+, EI
MB-78EI	2.1 W/m ² K for U _g =1.1	3.1 W/m ² K	2	78 mm	+, EI

⁻ Profile without a thermal break

SI, I Thermal elements

AERO, HI, I+ Insulated variant 180° Pivot window US, OC Hidden sash El Fire protection systemR Renovation variantM Monoblock profile

⁺ Profile with a thermal break

COMPARISON OF **ALUMINUM** PROFILES

	U _w Value	U _f Value	Number of gaskets	Construction Depth	Available solutions
Imperial	1.63 W/m ² K for U _g =1.1	1.8 W/m²K	2	65 mm	+, I, I+, R
Ecofutural	1.71 W/m ² K for U _g =1.1	1.7 W/m²K	2	65-160* mm	+, I, I+, OC, R, M
Superial	1.15 W/m ² K for Ug= 0.6	1.5 W/m²K	2	75 mm	+, I, I+, OC, R
Genesis	1.1 W/m ² K for Ug= 0.6	1.0 W/m²K	2	75 mm	+, I, I+, R
Maxlight	1.0 W/m ² K for Ug= 0.6	1.8 W/m²K	2	75, 83, 105 mm	+, OC
VS600	1.8 W/m ² K for Ug= 1.1	2.3 W/m²K	-	126 mm	+
Decalu 88 Standard	0.92 W/m ² K for Ug= 0.6	1.0 W/m²K	2	88 mm	+
Decalu 88 Hidden	0.97 W/m ² K for Ug= 0.6	1.3 W/m²K	2	88 mm	+
Decalu 94 Retro	0.93 W/m ² K for Ug= 0.6	1.1 W/m²K	2	94 mm	+
Decalu 110 Steel	0.96 W/m ² K for Ug= 0.6	1.2 W/m²K	2	110 mm	+
Decalu 101 Scand	1.0 W/m ² K for Ug= 0.6	1.4 W/m²K	2	101 mm	+, 180

The Uw value is given for a reference window with dimensions of $1230 \times 1480 \text{ mm}$.

The heat transfer coefficient of the frame | sash profiles - Uf, represents the best thermal variant of a given system.

* Options for the installation depth greater than the minimum, available when choosing a solution with a Monoblock profile.

COMPARISON OF **ALUMINUM** PROFILES

	U _w Value	U _f Value	Number of gaskets	Construction Depth	Available solutions
Slimline 38	1.0 W/m ² K for Ug= 0.5	1.9 W/m²K	3	76-99 mm	HI
Masterline 8	1.1 W/m ² K for Ug= 0.6	1.6 W/m²K	2	77 mm	+, HI, R
Masterline 8 Ukryte skrzydło	0.82 W/m ² K for Ug= 0.5	1.3 W/m ² K	2	<i>77</i> mm	HI

Cortizo Casement	1.0 W/m ² K for Ug= 0.5	1.74 W/m²K	2	<i>7</i> 0 mm	-
------------------	---------------------------------------	------------	---	---------------	---

- Profile without a thermal break

+ Profile with a thermal break

SI, I Thermal elements

AERO, HI, I+ Insulated variant

180° Pivot window

US, OC Hidden sash

El Fire protection system

R Renovation variant

M Monoblock profile

The Uw value is given for a reference window with dimensions of 1230 x 1480 mm.

The heat transfer coefficient of the frame | sash profiles - Uf, represents the best thermal variant of a given system.

* Options for the installation depth greater than the minimum, available when choosing a solution with a Monoblock profile.





MB-**45**

2.7

U_w for U_g = 1.1 (aluminum spacer bar)

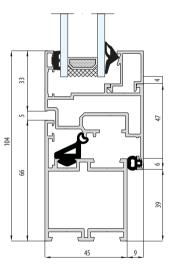
6.0

 $U_{_{\rm f}}[{\rm W/m^2K}]$

gaskets

45

construction depth [mm]





Without thermal break

MB-**60**



2.2

2

60

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

 $U_{_{\rm f}}[{\rm W/m^2K}]$

gaskets

construction depth [mm]



With a thermal break

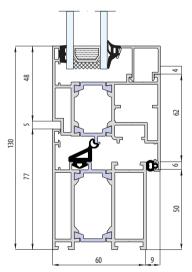
R

Renovation profile

180

Pivot window

Ш

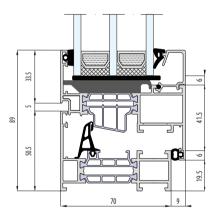






MB-**79N**







With a thermal break

US

Hidden sash

SI

MB-79N CASEMENT

1.00

0.83

3

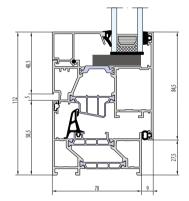
70

U_w for U_g=0.5 (aluminum spacer bar) $U_f[W/m^2K]$

gaskets

construction depth [mm]

SI

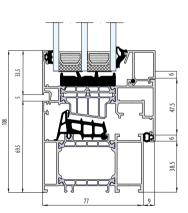




ALUPROF

MB-**86N**





SI

MB-104 PASSIVE

0.9

 U_{w} for $U_{g} = 0.6$ (aluminum spacer bar)

0.81

 $U_{\iota}[W/m^2K]$

2

gaskets

95

construction depth [mm]

R

Renovation profile

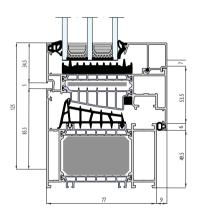


With a thermal break

AERO

Insulated variant

SI







MB-FERROLINE



1.5

2

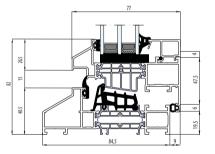
84/110

 U_{w} for $U_{g} = 1.1$ $U_{f}[W/m^{2}K]$ (aluminum spacer bar)

¹²K] gaskets

ets

construction depth [mm]





Profile with a thermal break

MB-FERROLINE INDUSTRIAL



U_w for U_g = 1.1 (aluminum spacer bar) 1,5

 $U_{_{\rm f}}[{\rm W/m^2K}]$

2

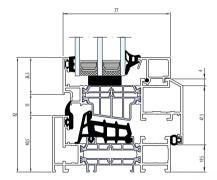
gaskets

84/110

construction depth [mm]



Profile with a thermal break





ALUPROF

MB-**60E EI**



2,2

U_w for U_g=0.6 (aluminum spacer bar)

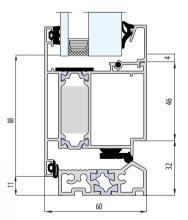
3,2

 $U_{_{\rm f}}[{\rm W/m^2K}]$

gaskets

60

construction depth [mm]





Profile with a thermal break

ΕI

Fire protection system

MB-**78EI**



 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

3,1

 $U_f[W/m^2K]$

2

gaskets

construction depth [mm]

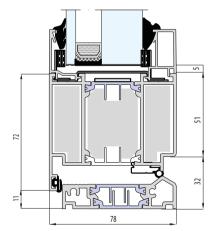
78



Profile with a thermal break

ΕI

Fire protection system





aliplast

IMPERIAL



1.8

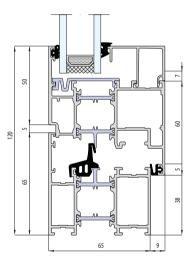
2

65

 $U_f[W/m^2K]$

gaskets

construction depth [mm]





Profile with a thermal break



Renovation profile

П

Thermal elements

1+

MAXLIGHT MODERN | STEEL | DESIGN | INVISIBLE

aliplast

1.0

U_w for U_g = 0.6 (aluminum spacer bar) 1.8

U,[W/m²K]

gaskets

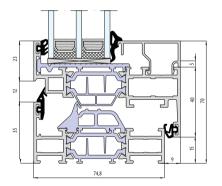
75

construction depth [mm]



OC

Hidden sash





aliplast

ECOFUTURAL

1.71

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

1.7

 $U_{_{\rm f}}[{\rm W/m^2K}]$

2

gaskets

65

construction depth [mm]



Profile with a thermal break



Monoblock profile



Renovation profile

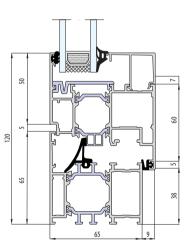


Hidden sash

1

Thermal elements





SUPERIAL

1.15

 U_{w} for $U_{g} = 0.6$ (aluminum spacer bar)

1.5

 $U_{_{\rm f}}[{\rm W/m^2K}]$

gaskets

75

construction depth [mm]



Profile with a thermal break

R

Renovation profile

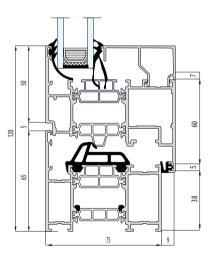
OC

Hidden sash

ı

Thermal elements

|+

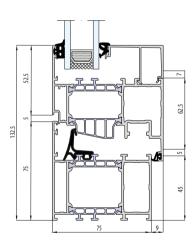






GENESIS







Profile with a thermal break



Renovation profile

Thermal elements

|+

DOUBLE HUNG VS600

1.8

 U_{w} for $U_{g} = 1.1$ (aluminum spacer bar)

2.3

 $U_{_{\rm f}}[{\rm W/m^2K}]$

-

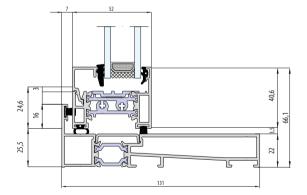
gaskets

131

construction depth [mm]



Profile with a thermal break



aliplast



deceuninck

DECALU 88 STANDARD



1.0

2

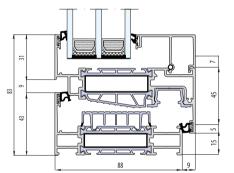
88

 U_{w} for $U_{g} = 0.6$ (aluminum spacer bar)

 $U_{_{\rm f}}[{\rm W/m^2K}]$

gaskets

construction depth [mm]





Profile with a thermal break

DECALU 88 HIDDEN

0.97

 U_{w} for $U_{g} = 0.6$ (aluminum spacer bar)

1.3

 $U_f[W/m^2K]$

2

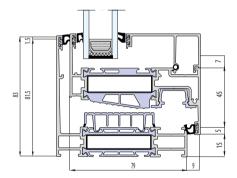
gaskets

88

construction depth [mm]



Profile with a thermal break





deceuninck

DECALU 94 RETRO



 $U_{\rm w}$ for $U_{\rm g}$ = 0.6 (aluminum spacer bar)



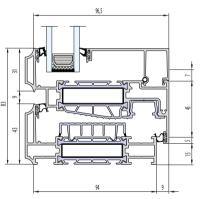
 $\rm U_f[W/m^2K]$



gaskets



construction depth [mm]





Profile with a thermal break

DECALU 110 STEEL

0.96

 U_{w} for $U_{g} = 0.6$ (aluminum spacer bar)

1.2

 $U_f[W/m^2K]$

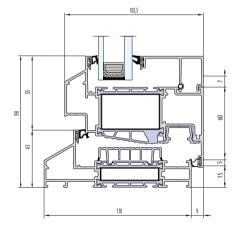
110

gaskets

construction depth [mm]



Profile with a thermal break





deceuninck

DECALU 101 SCAND

1.0

 U_{w} for $U_{g} = 0.6$ (aluminum spacer bar)

1.4

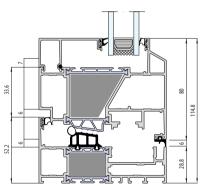
 $U_{_{f}}[\mathrm{W/m^2K}]$

2

gaskets

101

construction depth [mm]





Profile with a thermal break

180°

Pivot window



1.0 Classic

1.9

 $U_{\iota}[W/m^2K]$

3

gaskets

76-99

construction depth [mm]

 U_{w} for $U_{g} = 0.5$ (Ultimate spacer bar)

Ш

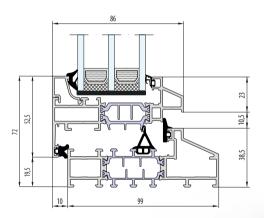
Insulated variant

0,92 Ferro

 U_{w} for $U_{g} = 0.5$ (Ultimate spacer bar)

0,95 Cubic

U for U = 0.5 (Ultimate spacer bar)







MASTERLINE 8

1.1

U_w for U_g = 0.6 (aluminum spacer bar) 1.6

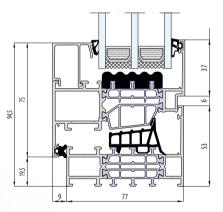
 $U_f[W/m^2K]$

2

gaskets

77

construction depth [mm]





Profile with a thermal break

R

Renovation profile

HI, HI+

MASTERLINE 8 HIDDEN VENT

0,82

 U_{w} for $U_{g} = 0.5$ (warm spacer bar)

1,3

3

77

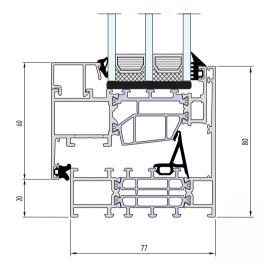
 $U_{\iota}[W/m^2K]$

gaskets

chambres

construction depth [mm]

ΗΙ







CS **77**

1.0

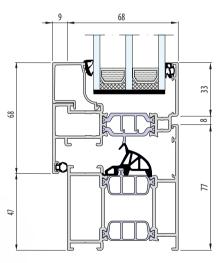
3

68

 U_{w} for $U_{g} = 0.5$ (Ultimate spacer bar)

gaskets

construction depth [mm]



HI, HI+

CORTIZO CASEMENT

1.5

 U_{w} for $U_{g} = 0.6$ (Ultimate spacer bar)

1.74

 $U_{_{\rm f}}[{\rm W/m^2K}]$

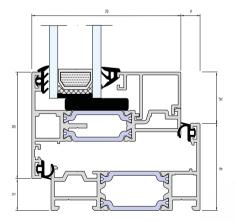
2

gaskets

70

construction depth [mm]

ΗΙ







WOODEN WINDOWS

The unique line and color of the profiles make the natural grain of the wood to be visible. A pleasure to touch during use - these are the features that distinguish wooden windows. Wooden joinery can be manufactured from many types of properly selected wood, such as pine, spruce, larch or oak. 3 or 4 layers of glued profiles with alternating grain arrangement ensure durability and strength of the structure for many years.

AVAILABLE SOLUTIONS

PROFILE WITH UNDERCUT



ALUMINUM COVER



The option of profiles with an undercut allow to insert accessories, such as a windowsill, in the place where it is made. It is possible to make it from the outside, inside and both sides.

PROFILE WITH UNDERCUT



Standard profile shape used when there is no need to install additional profiles directly to the window.



The profile with an aluminum RenoLine / Gemini Classic covers completely changes the external appearance of windows, while increasing durability by offering additional protection for wood against weather conditions.

PROFILE WITHOUT UNDERCUT

Α

SOLUTIONS DISPONIBLES

RENOVATION PROFILE



Profile version that allows for the installation of new windows in existing buildings, without the need to disassemble old wooden frames. Possible different lengths of the fin covering the old frame inside the building.

R

MONOBLOCK PROFILE



A profile with an extended installation depth, enabling an aesthetic installation of the window in the thermal insulation layer while avoiding additional thermal bridges.

M





Profile distinguished by a wide and therefore stable frame. Due to the sharp edges of the frame, the entire window is additionally distinguished by clearly defined components.

NL

AVAILABLE SOLUTIONS

BELGIAN PROFILE - VERSION A



A system of profiles in which, instead of the standard aluminum drip caps, there are used wooden drip caps.

BELGIAN PROFILE - VERSION B



Depending on the selected version, the shape of the drip cap on the frame profile may take different forms.

FITTING TYPES

ROTO **NT**



The highest standard in terms of technology and safety, ease of use, durability and design. The selection of various additional hardware options, such as a multi-stage tilt or micro-ventilation in the corner, provides all possible solutions. Carefully selected colors of the hinge covers ensure a neat appearance of each window.

COMPARISON OF WOODEN PROFILES

	U _w Value	U _f Value	Number of gaskets	Construction Depth	Available solutions
Esperia Life 80	0.86 W/m ² K for U _g =0.5	1.2 W/m ² K	3	80 mm	-
Esperia Life ALU 74	-	1.2 W/m ² K	3	<i>7</i> 4 mm	-
Esperia Life ALU 86	-	1.0 W/m ² K	3	86 mm	-
Naturo 68	1.3 W/m ² K for U _g =1.0	1.4 W/m ² K	2	68 mm	R, M, NL, B, A
Naturo 76	0.9 W/m ² K for U _g =0.6	1.3 W/m²K	2	76 mm	R, M, NL, B, A
Naturo 88	0.76 W/m ² K for U _g =0.5	1.1 W/m²K	2	88 mm	R
Naturo Alu 65	0.99 W/m ² K for U _g =0.7	1.35 W/m²K	3	65 mm	-
Naturo Alu 75	0.89 W/m ² K for U _g =0.6	1.2 W/m ² K	3	75 mm	-

R Renovation profile NL Dutch profile A Aluminum cover M Monoblock profile B Belgian profile

The Uw value is given for a reference window with dimensions of $1230 \times 1480 \text{ mm}$.

The heat transfer coefficient of the frame | sash profiles - Uf, represents the best thermal variant of a given system.





ESPERIA LIFE 80

0.86

 U_{w} for $U_{g} = 0.5$ (warm spacer bar)

3

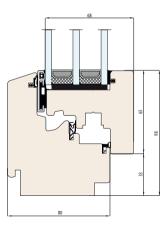
gaskets

4

layers of glued wood 4

layers of varnish

80



ESPERIA LIFE ALU 74

3

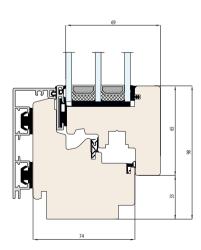
4

4

74

gaskets

layers of glued wood layers of varnish







ESPERIA LIFE ALU 86

3

gaskets

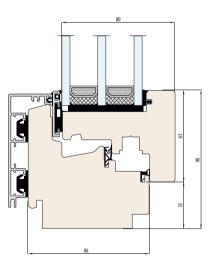
4

4

4

86

layers of glued wood layers of varnish



NATURO 68

Profile with undercut

Profile without undercut

1.3

U_w for U_g = 1.0 (aluminum spacer bar) 1.4

 $U_f[W/m^2K]$

2

gaskets

68

construction depth [mm]

R

Renovation profile

M

Monoblock profile

NL

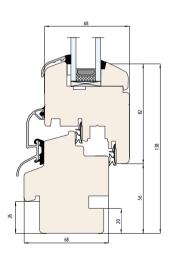
Dutch profile

B

Belgian profile

A

Aluminum cover







NATURO 76

0.9

 U_{w} for $U_{g} = 0.6$ (aluminum spacer bar)

1.3

 $U_{_{\rm f}}[{\rm W/m^2K}]$

2

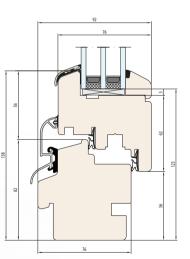
gaskets

76

construction depth [mm]

Profile with undercut

Profile without undercut



R

Renovation profile

M

Monoblock profile

NL

Dutch profile

B

Belgian profile

A

Aluminum cover

NATURO 88

Profile with undercut

Profile without undercut

0.76

 U_w for $U_g = 0.5$ (aluminum spacer bar)

 $U_f[W/m^2K]$

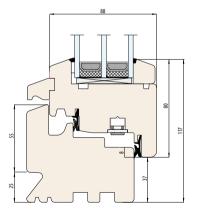
gaskets

88

construction depth [mm]

R

Renovation profile



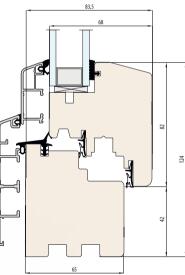




NATURO ALU 65

layers of varnish

65



NATURO **ALU 75**

Saluron ALUMINIUM SYSTEMS

0.89

 U_{w} for $U_{g} = 0.6$ (warm spacer bar)

3

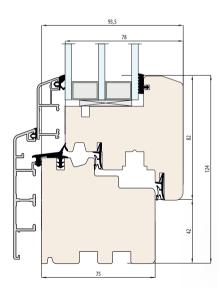
gaskets

4

layers of glued wood 4

75

layers of varnish







STEEL WINDOWS

Slender profiles, excellent static parameters allowing for the creation of large-size structures are the greatest advantages of steel windows. The lack of visible corner joints by perfectly grinding the welded joints together with any color of the windows in RAL palette creates an elegant product with high aesthetics. Due to the availability of solutions with and without a thermal break, steel windows are the right choice for every application.

AVAILABLE SOLUTIONS

PROFILE WITHOUT THERMAL BREAK

PROFILE WITH A THERMAL BREAK





The profile is made entirely of steel profiles. It is intended for use in places with lower thermal requirements, such as internal walls, showcases or shop windows.

The profile is made of steel on the inside and outside. In the central part, there is a thermal break, which significantly increases the thermal insulation of the profile.





STEEL WINDOWS

LIST OF **PROFILES**

	U _w Value	U _f Value	Number of seals	Building Depth	Available solutions
Presto	-	5.6 W/m²K	2	50 mm	-
Unico	1.3 W/m ² K for U _g =0.6	2.4 W/m²K	-	70 mm	+, HI
Unico XS	0.98 W/m ² K for U _g =0.7	-	3	70 mm	+

- Profile without a thermal break
- + Profile with a thermal break

HI Insulated variant

HIDDEN HINGES ROTO NT DESIGNO



It sets standards in terms of technology and meets the highest requirements in terms of safety, ease of use, durability and design.



SYSTEM PRESTO

5.6

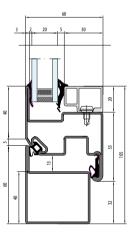
2

50

 $U_f[W/m^2K]$

gaskets

construction depth [mm]



Profile without a thermal break

SYSTEM UNICO

1.3

 U_{w} for $U_{g} = 0.7$ (aluminum spacer bar)

2.4

 $U_f[W/m^2K]$

-

gaskets

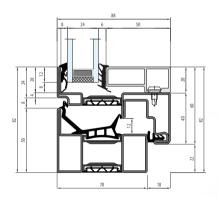
70

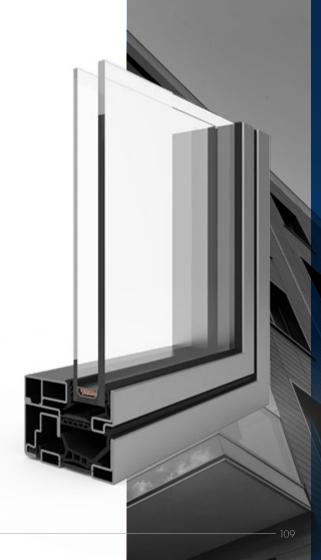
construction depth [mm]



Profile with a thermal break

Ш







SYSTEM UNICO XS



 U_{w} for $U_{g} = 0.7$ (aluminum spacer bar)



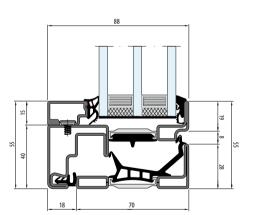
chamber



gaskets



construction depth [mm]





Profile with a thermal break

SYSTEM UNICO XS CASEMENT

1.03

 U_w for $U_g = 0.5$ (warm spacer bar)

gaskets

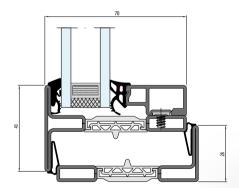
chambers

70

construction depth [mm]



Profile with a thermal break







ACCESSORIES WINDOWS

The beauty of windows is emphasized not only by their carefully selected color, but also by the appropriate selection of additional options. Among the accessories that ensure individuality, you can choose from various decorative panes, bolections, color-matched windowsills or door handles with eye-catching shapes and colors. Functionality, on the other hand, can be increased by ventilators ensuring an appropriate inflow of fresh air in the room or additional elements of the fittings used.

VITRAGE GLAZING PACKAGES

SINGLE GLASS

DOUBLE-GLASS **PACKAGE**

THREE-GLASS **PACKAGE**

FOUR-GLASS **PACKAGE**









Glass type used in partition walls and in the case of partitions such as glass doors, balustrades or balconies. A single pane allows for the use of various types of glass, including safety glass made of laminated VSG and toughened ESG glass.

A single-chamber glazing unit consisting of two glass panes. It is a standard for basic window and door systems. In the space between the panes, created by the spacer bar, there is mainly argon (90%), which additionally reduces the Ug heat transfer coefficient.

A triple glazing unit consisting of three glass panes. It is a standard for window and door systems with increased thermal properties. In the space between the panes, created by the spacer bar, there is mainly argon (90%), which additionally reduces the Ug theat transfer coefficient

A triple glazed unit composed of four glass panes. It is the optimal choice for window and door systems with the best thermal properties. The warm Swisspacer Ultimate spacer bar with the Energeto 8000 system allows to obtain the best possible thermal parameters of windows on the market.

VITRAGE **ISOLANT**

SOUND ABSORPTION GLASS

SAFE **GLASS** SOLAR CONTROL **GLASS**

FIRE PROTECTION GLASS

DECORATIVE GLASS











Laminated glass with a special acoustic foil placed between the glass panes.

Laminated and / or toughened panes increase safety. Their puncture or shatter resistance is tailored to the customer's requirements.

Glass allowing the reduction of the flow of light and solar energy into the room. Solar control glass is offered with selective, absorbent or reflective glass.

Fire-resistant glass available in fire resistance class E130 (20 mm thick) or E160 (25 mm thick). The fire-resistant pane is made of toughened glass panes with a colorless hydrogel between them

Decorative glass is an excellent choice for windows, doors and partition walls. Depending on the selected type or pattern, it can not only reduce the visibility to the interior of the room, but also brighten the interior, making it optically more spacious, which is another advantage.

SOLAR CONTROL GLASS

Glass allowing the reduction of the flow of light and solar energy into the room. Solar control glass is offered with selective, absorbent or reflective glass.

SELECTIVE GLASS

From the outside, it is covered with a special coating that reduces the flow of solar energy getting inside the building, while maintaining a relatively high level of light transmission. A sun protection glass can reduce the costs associated with using air conditioners in the summer. This glass can only be used in insulating glass units, it is not available in single panes.

ABSORPTION GLASS

Through-dyed brown, gray, green or blue. Glass absorbs the sun's rays, reduce light transmittance and the amount of solar energy inside the building. A sun protection glass can reduce the costs associated with the use of air conditioners in the summer while limiting the use of sunshades. This glass can be used as single or double glazing.

REFLECTIVE GLASS

Colorless or mass-dyed brown, gray, green or blue. The glass is coated with metal oxide, thanks to which the light radiation is reflected from the glass, which creates (to a varying degree) a mirror effect. It also allows to limit the influence of solar energy at the same time. This glass can be - depending on the type of coating - used as single or double glazing.



Stopsol classic grey

Stopsol Supersilver Clear

Parsol brown

Stopsol brown

Satinovo Mate





DECORATIVE GLASS

Decorative glass is an excellent choice for windows, doors and partition walls. Depending on the selected type or pattern, it can not only increase privacy, but also brighten the interior, making it optically more spacious, which is another advantage.

MATT GLASS

Achieving the effect of frosted glass is possible with the use of matte PVB mat foil (in VSG panes), thanks to the technology of etching one of the surfaces with acid (Satinovo) and by sandblasting. Each of the available versions has a different shade and application.

COLORED GLASS VSG

We offer transparent, translucent or non-transparent color options of various intensity. In addition to the renowned color technology, all layers provide the traditional benefits of laminated glass. All colored interlayers are made of heat and light resistant pigments to resist fading.

COLORED GLASS ESG

It is an opaque glass, the color of which is obtained by applying a layer of enamel to one side of the glass pane. There is a possibility of joining glass, laminating, cutting holes and shapes.

ORNAMENT GLASS

It provides wide possibilities in terms of design and allows to fully personalize your space. Depending on the pattern, the transparency of the glass is greater or less, that provides better privacy control while brightening the space.



DECORATIVE **GLASS**



MUNTINS

INNER GLASS MUNTIN



BLIND INTERNAL GLASS MUNTIN



1 11 111 20 mm 24 mm 30 mm

GLUED MUNTN



company	ı	Ш	Ш
ALUPLAST	26 mm	46 mm	66 mm
SALAMANDER	27 mm	45 mm	65 mm
GEALAN	23 mm	33 mm	43 mm

VIENNA MUNTIN



company	CROISIL- LONS	- 1	II	III
ALUPLAST	Collé	26 mm	46 mm	66 mm
	Aveugle	20 mm	30 mm	30 mm
SALAMANDER	Collé	27 mm	45 mm	65 mm
	Aveugle	20 mm	30 mm	30 mm
GEALAN	Collé	23 mm	33 mm	43 mm
	Aveugle	20 mm	30 mm	30 mm

^{*}The available color palette of muntin bars depends on the chosen joinery system.

SWISSPACER ULTIMATE SPACER BAR

WARM SPACER BAR

Significantly better thermal properties and the color of the frame in the space between the panes to match the color of the entire window are the features that are ensured by the warm Swisspacer Ultimate spacer bar. The standard aluminum frame is more clearly visible in the space between the panes and is characterized by a worse linear thermal bridge coefficient (PSI), resulting in much greater heat losses. The above-mentioned aspects constitute the high value of the Ultimate spacer bar, which is why it is recommended to choose them not only in the case of passive or low-energy windows, but also in all newly constructed buildings.





WINDOW HANDLES



The availability of a given handle model depends on the selected window system.

* in some colors, anodized handles are available in two variants: sandblasted or brushed.



FKS **1006**





ROTO

ATLANTA







VENTILATORS AND WINDOW SILLS

HUMIDITY CONTROLLED PRESSURE DIFFUSER AIR VENTILATOR





A double-stream air inlet which flow depends on the relative humidity in the room.

The air inlet is automatically controlled by the pressure difference, with the possibility of closing down to the minimum air flow in some models.

INTERNAL WINDOW SILLS

PVC





Made of PVC material.



Made of wood.

SHAFT DIFFUSER



Adapted for installation above or below the glazing unit.

REBATE DIFFUSER



A rebate vent, which is placed in the inner part of the frame, makes it almost invisible when the window is closed

WINDOW SILLS EXTERNAL

ALUMINIUM



Made of aluminum sheet (PZA model)

STEEL



Made of galvanized sheet (model PZS) and additionally veneered (model PZSO)

GLASS BARRIER GLASS BALUSTRADE

GLASS BARRIER

The so-called French balcony, is designed to protect high windows without obscuring the view. It allows the use of transparent or frosted glass up to 1 meter high. The maximum width depends on the thickness of the glass used. The balustrade is attached directly to the window frame already at the production stage, thanks to which the customer receives a finished product. The upper edge is secured with an aluminium. The available colours of the guides are white, anthracite and natural anode EV1 (silver).





DOORTYPES AND COLLECTIONS

Depending on the needs, the choice of doors is possible between PVC, aluminum, wood or steel constructions. Regardless of the selected material, they can be a unique partition for the created rooms. Full glazing made of a selected type of glass, panels with a weather-resistant surface layer or an alternative to one of the numerous variants of the available collections - this is an option that is possible regardless of the selected system. The door can also be equipped with a number of accessories that will increase their safety class and emphasize the aesthetic value.

PVC DOOR

PVC DOOR

The choice of doors between the highest parameters with a multitude of accessories and economical solutions is something that is only possible in structures made of PVC.

PVC door constructions are made based on most of the PVC window systems offered, but the use of elevated profiles allows for appropriate stability and strength of the door structures to be maintained. In the lower part of the structure, in addition to standard 20 mm high aluminum thresholds, non-threshold solutions with a falling seal from the sash can be used, as well as thresholds flush with the floor with the use of magnetic thresholds. The choice of various types of handles, handrails or espagnolette bolts allows for a wide spectrum of individuality in determining the detailed configuration of the selected door system.

The color palette of profile veneers and panels is available based on the colors provided for a given supplier and compatible with the PVC window joinery. Thanks to this, it is possible to create a coherent appearance of the entire façade of the building.



AVAILABLE COLLECTIONS

Decorative panels **EkoLine**



An aesthetic collection of door panels that maintains time-proven design solutions. The ability to pick one of over 100 available designs allow to choose a solution for every need.

Glass panels **EkoVitre**



Modern design looks very impressive, and the use of laminated glass guarantees high safety. Patterns are placed on one of the glass panes through a detailed sandblasting process, which ensures the durability of this salution.

Embossed panels
Classic Line



A collection of panels characterized by a classic line of various forms, thanks to the use of glued MDF boards. High thermal properties are ensured by the XPS foam located in the inner space.

Model doors **PVC**



Using a well-thought-out combination of posts and crosspieces provided for the given PVC systems, a refined collection of model doors was created. The selection of any glazing and the thickness of the panels used are the greatest assets of this collection.

ALUMINUM DOORS

ALUMINUM DOORS

Modern design, freedom in the selection of accessories and a wealth of colors make aluminum doors a remarkable showcase of every home. The highest quality materials used in the production process are a guarantee of safety, functionality and durability for many years.

Aluminum doors are available as part of most aluminum window systems, but also as dedicated systems, such as Decalu 88 Doors or MB-78EI and MB60EI fire doors. Regardless of the system chosen, different threshold solutions, ranging from 0 to 20 mm in height, are possible depending on the needs and requirements for waterproofing. Extremely durable profile system ensures perfect stability of the structure and high safety.

The selection of individual hardware components will allow for the highest-class anti-burglary resistance. Additional solutions, (such as a numeric keypad or a fingerprint reader), will make the selected aluminum doors a complete solution even for very demanding customers.

In addition to standard solutions in our offer, you can find Pivot doors of the Masterline 8 Reynaers system. It enables the production of unique revolving structures. It is an interesting alternative to sliding or folding patio doors.

In addition to the previously mentioned solutions, we also have the Despiro Masterline 8 door system, which allows the creation of diverse constructions. This system is an attractive alternative to traditional sliding or folding doors while giving great freedom of design and personalisation.



AVAILABLE COLLECTIONS

Aluminum doors **Despiro**



The elegant collection of Despiro exterior doors is an attractive offer for the most demanding customers who value modernity not only in terms of technology, but also in aesthetics.

Decorative panels **AluLine**



The collection of Aluline panels is a combination of popular patterns with durability, which is a characteristic of aluminum. Aluline is a range of unlimited possibilities.

Glass panels **EkoVitre**



The modern line of patterns ensures style, and the laminated glass used complements this line with high security. Patterns are placed on one of the glass panes through a detailed sandblasting process, which ensures the durability of this solution.

WOODEN DOORS

WOODEN DOORS

Manufactured from the best materials, wooden entrance doors are a universal and durable solution for many homes. The colors of various types of solid wood, and the entire range of RAL colors, constitute a wide spectrum of the visible coating, which can take a different color from the outside and inside.

Doors are made from glued laminated timber and are outfitted by default with a 20mm-high threshold. Versions without a threshold or with a drop-down seal re also available.

In addition to functional and decorative accessories that can be used, such as decorative strips, a visor or a letter slot, there are also various technological options for the used gears or locks.





AVAILABLE COLLECTIONS

Decorative panels
WoodLine



A refined collection of panels adapted to wooden doors. The external coatings of the panels are made of plywood covered with high-quality varnishes, which makes the doors resistant to external conditions and easy to maintain.

Panels **Milled**



The collection of milled panels allows to create modern and classic designs. Thanks to this, high-quality wooden doors with such panels can be used in both, modern and renovated buildings.

Glass panels **EkoVitre**



The modern line of patterns ensures style, and the laminated glass provides the highest security. Patterns are placed on one of the glass panes through a detailed sandblasting process which ensures the durability of this solution.

STEEL DOOR

STEEL DOOR

Only solutions made of steel can provide such a durable door made of profiles with a low structure. The Unico, Unico XS and Presto profile systems available for windows are complemented by a dedicated slimline option for doors only - Presto XS. The Unico and Unico XS systems can use a PVC threshold, while Unico, Presto, and Presto XS offer a threshold-free solution with a drop seal. Welded hinges and the availability of thin glazing dividers distinguish the steel doors very positively. The possibility of painting them in any colour from the entire RAL palette adds even more to the benefits of choosing such doors.







AVAILABLE COLLECTIONS

Door system Norm Pivot



The Norm Pivot system offers modern interior doors made from the highest quality steel and safety glass. Opening at a 90-degree angle to both sides, the versatile Norm Pivot proves indispensable in many rooms.

Decorative panels **AluLine**



The collection of AluLine panels is a combination of popular patterns with durability, which is characteristic of aluminum. AluLine is a range of unlimited possibilities.

Glass panels **EkoVitre**



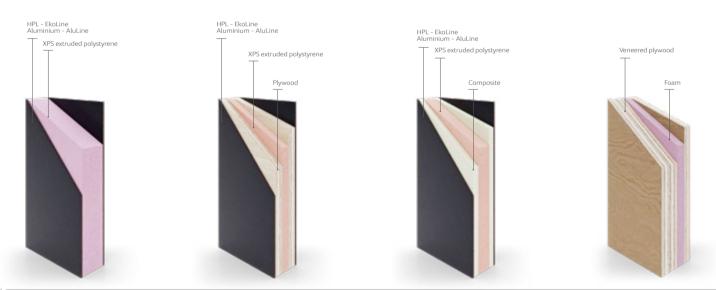
The modern line of patterns ensures style, and the laminated glass provides the highest security. Patterns are placed on one of the glass panes through a detailed sandblasting process which ensures the durability of this solution.

COLLECTION EkoLine | AluLine | WoodLine

Decorative panels **EKOLINE** | **ALULINE** | **WOODLINE**

A collection of door panels available in PVC, aluminum, wooden and steel options. The selection for a given type of profile is determined by the used surface material of the panels, which may be hpl, aluminum or plywood. The entire collection, however, is characterized by a wide range of available models with a modern design, with the additional possibility of making panels according to your own design. The optionally available stainless-steel covers for glazing on one or both sides of the structure and the selection of the color of the panels provide a range of possibilities thanks to which everyone will find a suitable model for their building. The technologies used during production guarantee high resistance to external conditions, ease of maintenance, and the choice of panel thickness from 24 to 48 mm will ensure thermal and acoustic properties at the expected level.

PANEL variants:



EKOVITRE COLLECTION



EKOVITRE GLASS PANELS

The EkoVitre collection is a series that is distinguished by a fully glazed door sash with distinctive models, sand-blasted patterns on the outer pane. In order to ensure adequate durability and safety, the glass units are laminated with PVB films, creating a durable double-glazed unit with a width of 36 mm. Regardless of the pattern chosen, it is always properly scaled and matched to the size of the door, thanks to which what you see becomes a reality that creates the everlasting elegance of any building.





EMBOSSED CLASSICLINE PANELS

EMBOSSED CLASSICLINE PANELS

A collection of panels intended for PVC doors, which thanks to its unique shapes will captivate every owner. The classic line of embossed panels is made with the appropriate technology of mdf shaping, forming the outer layer of the entire panel. Inside, there is XPS foam that ensures appropriate thermal properties. The panels are available in widths of 24 and 36 mm. The range of colors allows them to be made in accordance with the palette of PVC door veneers.





COLLECTION OF MODEL DOORS

PVC MODEL DOORS

The Model Collection was designed for PVC doors basing on experience acquired on the joinery market. Through a well-thought-out combination of posts and girders created for PVC systems, a modern collection of products was achieved, which pairs panels and glazing in various configurations. The panel consisting of hpl boards and XPS foam can have a width of 24, 36 or 48 mm. On the other hand, panes, apart from the default glazing package, can be selected according to individual needs, both in terms of thickness and the type of glass used.







DESPIRO COLLECTION

DESPIRO DOOR

The elegant collection of Despiro door is an attractive offer for the most demanding customers who value elegance and durability. The collection is based on a special version of the MB-86 system, thanks to which the entire structure is perfectly flushed. The covered hinges keep the line of the visible panel clean, and the details created by inox overlays or various variants of stainless-steel handles complete the sophisticated appearance of the entire structure. Various thermal versions of the profiles used, high water resistance and durable aluminum structure ensure the highest performance properties of Despiro door. The available models not only allow to choose a pattern, but also a color from the entire RAL palette, creating an individual character of the door itself, but additionally selected patterns can be a blend with the All in One Design collection.





Panel Wood

COLLECTION OF MILLED PANELS

MILLED PANELS

The collection of milled panels for wooden doors with a wide range of applications is something that completes the offer of doors made of this material. Milled patterns creating simple, modern lines and rounded shapes make it possible to match them to various types of buildings.

The panels from this collection can additionally be used as a filling of only a part of the door, where its other part is glazing. Additionally, both fillings may be divided with a construction muntin.

The standard thickness of the panels is 36 mm, where the top part is made of plywood and the inside is filled with XPS. Each model of milled panels can take any color from the RAL palette, which, together with the described technological possibilities, allows for countless choice of compositions using this collection.





ACCESSORIES **DOOR**

The accessories for the offered doors include not only a wide selection of handles and pulls in various shapes and colors. In addition to them, there are also additional technological solutions for the hinges or bolts used, utility accessories such as letterboxes or visor, and finally modern access control solutions.

DOOR ACCESSORIES

DOOR HINGES



Hinges available: JOCKER, Dr. Hahn, Wala WX, SFS Easy 3D

DOOR BOLTS



Available bolts: 3 Point, 5 Point, 4 Rolls, Hook, Automatic

ROLLER HINGES



Available hinges: SFS, Wala WR

GEAR DRIVERS



Available engines: G-U Secury Automatic

HIDDEN HINGES



Hinges available: KFV AXXENT

DOOR CLOSERS



Models available: GEZE, With or without G-U lock, Geze Boxer

DOOR ACCESSORIES

ACCESS CONTROL



Designed to identify a person by reading their fingerprints and comparing the reading with pattern database stored in memory of the reader.

DOOR VISOR



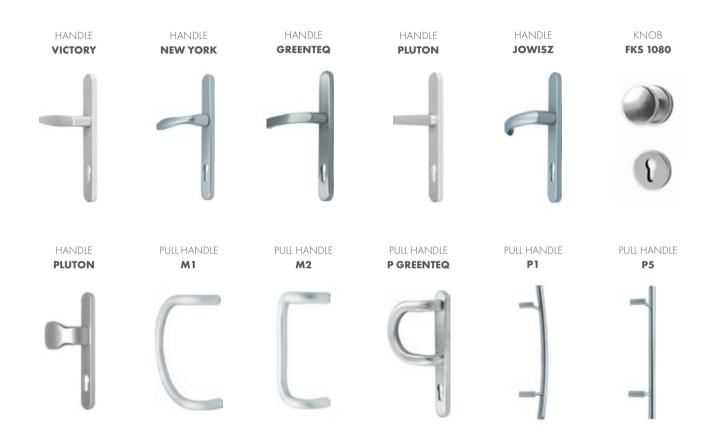
Visor, 14 mm diameter, satin chrome finish. Available for filling from 15 to 85 mm.

DROP-IN **LETTERS**



Available models: MILA ProStyle, MILA Welseal, GAVA

DOOR ACCESSORIES



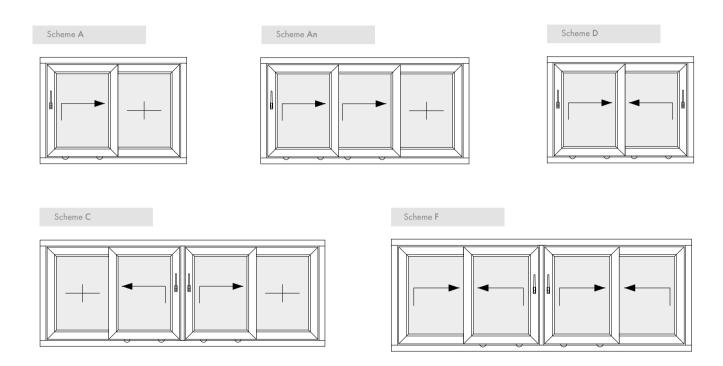
DOOR HANDLES AND HANDRAILS



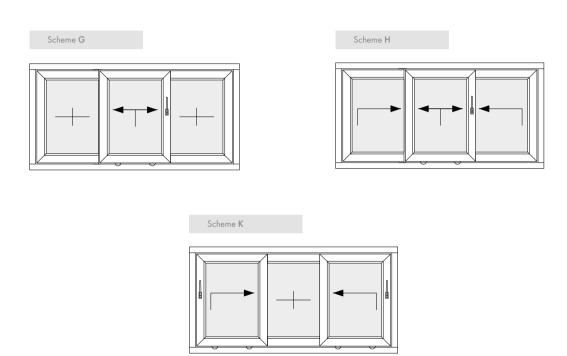
SLIDINGSYSTEMS

Large, glazed sliding door structures provide excellent lighting in the room, optically increase its surface, and ensure a perfect combination of the interior with the garden or terrace. Moreover, their modern design makes them an important element of any interior design.

AVAILABLE SOLUTIONS



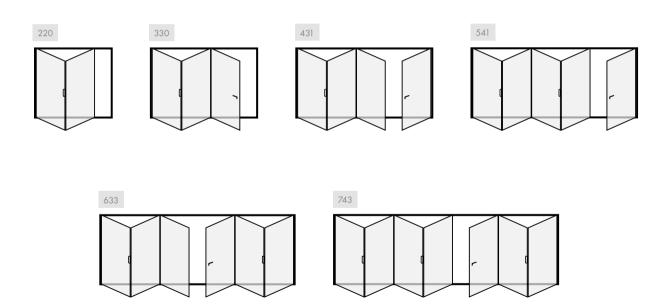
AVAILABLE SOLUTIONS



VARIANTS OF FOLDING SYSTEMS

VARIANTS OF FOLDING SYSTEMS

Folding systems variants. In each of the systems, it is possible to choose from various combinations of opening methods for the presented number of glazing units.







SLIDING SYSTEMS PVC

A wide selection ranging from light structures with a built-in depth compatible with window systems, to large-size lift and slide structures of the HST type. The choice of sliding window systems or patio-type systems creates an interesting alternative to balcony windows. HST lift and slide systems allow for the creation of large glazing with the use of wide glazing units, creating an almost invisible connection with the outside world while maintaining high thermal comfort inside the room.

LIST OF PVC SLIDING SYSTEMS

	Structure height [m]	Running tracks	Width [m]	Construction depth [mm]	Available solutions	Available schemes
PATIO TILT AND SLIDE SYSTEM (PSK)	2.5	1	1.6	70-92	R, M, A	-
FOLDING SYSTEM IDEAL 4000	2.4	1	0.9	70		-
SLIDING DOOR SYSTEM EASY SLIDE ST 60	2.3	2	1.3	60		A, D
SLIDING DOOR SYSTEM MULTI SLIDE ST 80	2.4	2-3	1.8	80-170		A, An, C, D
SLIDING DOOR SYSTEM SMART SLIDE	2.5	1	1.5	140		A, C
LIFT AND SLIDE SYSTEM HST 70	2.5	1-2	3	170		A, C, D, G, K
LIFT AND SLIDE SYSTEM HST 85	2.6	1-2	3.5	197	А	A, C, D
LIFT AND SLIDE SYSTEM EVOLUTIONDRIVE 82	2.6	1	3	194		A, C, K
LIFT AND SLIDE SYSTEM EKOSUN HST	2.6	1	3	197		А
LIFT AND SLIDE SYSTEM GEALAN HST	2.6	1	3	190		А

M Monoblock profile

 ${\bf R}$ Renovation profile

A Aluminum cover

The width of the sash refers to the maximum value while maintaining the equal division of the wings in the structure.





SPECIFICATION OF PSK



SPECIFICATION OF PSK

PSK door is an interesting alternative to balcony windows, enabling sliding and tilting of the sash. It is possible thanks to the use of a special running rail, which prevents the sash from opening inwards, but sliding, thus saving space in the room. All patio-style products are based on window systems, which offers a wide choice of available profiles. The compliance of the colors, the shape of the profiles and the depth of the installation with the window systems results in a consistent appearance of the windows and PSK sliding doors in the same room.









Aluminum cover

FOLDING SYSTEM IDEAL 4000



2.4

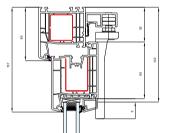
Structure height [m]

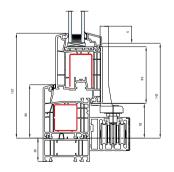
0.9

70

Construction depth [mm]

Running tracks Width [m]









SLIDING DOOR SYSTEM **EASY SLIDE ST 60**

2.3

Structure height [m]

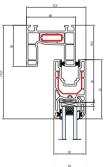
Running tracks

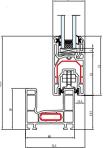
1.3

60

Width [m]

Construction depth [mm]





Scheme A

Scheme D

SLIDING DOOR SYSTEM MULTI SLIDE ST 80



2-3

1.8

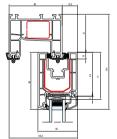
80-170

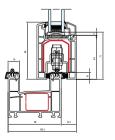
Structure height [m]

Running tracks

Width [m]

Construction depth [mm]







Aluminum cover

Scheme A

Scheme An

Scheme C

Scheme D





SLIDING DOOR SYSTEM **SMART SLIDE**

2.5

Structure height [m]

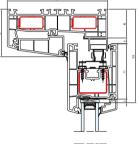
Running tracks

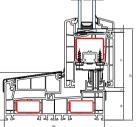
1.5

Width [m]

140

Construction depth [mm]





Scheme A

Scheme C

LIFT AND SLIDE SYSTEM HST 70

2.5

1-2

3

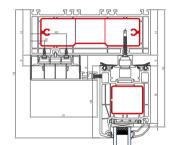
170

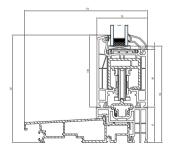
Structure height [m]

Running tracks

Width [m]

Construction depth [mm]





Scheme A

Scheme C

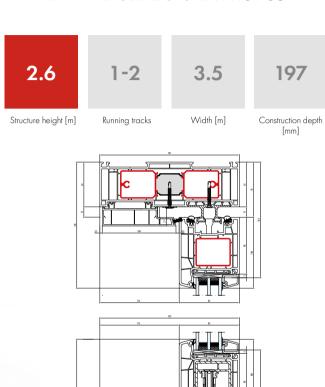
Scheme D

Scheme **G**

Scheme K



LIFT AND SLIDE SYSTEM HST 85





LIFT AND SLIDE SYSTEM EVOLUTIONDRIVE 82

SALAMANDER WINDOW & DOOR SYSTEMS

2.6

Structure height [m]

1

Running tracks

3

Width [m]

194

Construction depth [mm]

Scheme A
Scheme C
Scheme K





LIFT AND SLIDE SYSTEM **EKOSUN HST**



1

3

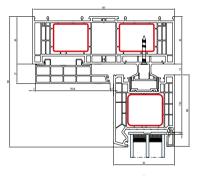
197

Structure height [m]

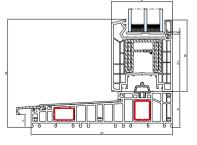
Running tracks

Width [m]

Construction depth [mm]



Scheme A



LIFT AND SLIDE SYSTEM GEALAN HST



2.6

1

3

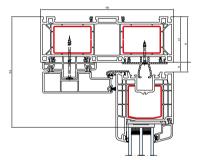
190

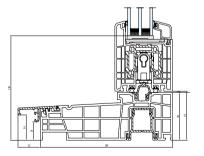
Structure height [m]

Running tracks

Width [m]

Construction depth [mm]







Scheme A



SLIDING SYSTEMS ALUMINUM

The available aluminum systems include not only sliding windows and doors as well as lift and slide doors, but also sophisticated folding systems. This solution, in each of the available systems, may have from three to seven sashes with different folding and opening arrangements. Aluminum lift and slide systems of HST type allow for the creation of the largest sash surfaces, and with the additional selection of thin posts, it is possible to create almost completely glazed structures forming an invisible line between the interior of the building and a wide view outside.

LIST OF ALUMINUM SLIDING SYSTEMS

	Structure height [m]	Running tracks	Width [m]	Construction depth [mm]	Available solutions	Available schemes
MB-Slide	2.6	2-3	1.8	50/97	R	A, C, D, H, N
MB-59 HS	2.9	1-3	3.2	120/199	HI	A, C, D, G
MB-77 HS	3.3	1-3	3.3	174/271	HI, 90°	A, Ag, C, D, G
MB-86 Fold Line	2.8	-	1.0	77	-	-
Panorama	2.5	-	1.2	75	-	-
Modernslide	2.4	2-3	1.4	65	М	A, D, F, H
Visioglide	2.6	2-3	3	118/185	HST/SLIDE	A, C, D
Ultraglide	3.1	2-3	2.4	153/239	, +	A, C, D, G
Ultraglide MAX Light Monorail	2.8	1	2.6	176	+	A, C, G
Slide Glass	2.6	3-5	1.13	69.1	-	-
Decalu 163 Slide	3.6	2	3,5	163	-	A, C, D
Decalu 88 Folding doors	2.8	-	1.2	88	-	-
Cor Vision	3	2-3	2.5	182	-	-
Cor Vision Plus	4	2-3	4	278	-	-
Cor Vision Galandage	3	3	1.6	115.8-181.8	-	-
Master Patio	3.5	2-3	-	180	-	-

The width of the sash refers to the maximum value while maintaining the equal division of sashes in the structure.

R Renovation variant **M** Monoblock profile

HI, I, I+ Insulated variant 90° Pivot window



ALUPROF

MB-SLIDE

2.6

2-3

1.8

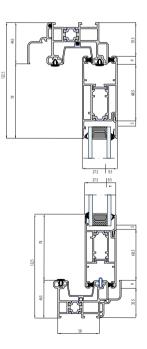
50/97

Structure height [m] Runi

Running tracks

Width [m]

Construction depth [mm]





With a thermal break



Renovation profile

Scheme A

Scheme C

Scheme D

Scheme H

Scheme N

MB-**59 HS**

2.9

1-3

3.2

120/199

Structure height [m] Running tracks

acks Width [m]

Construction depth [mm]



With a thermal break

HI

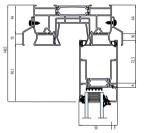
Insulated variant

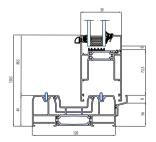
Scheme A

Scheme C

Scheme D

Scheme G







ALUPROF

MB-77 HS

3.3

Structure height [m]

1-3

3.3

174/271

Construction depth [mm]

Running tracks

Width [m]



With a thermal break

90°

Pivot window

HI

Insulated variant

Scheme A

Scheme Ag

Scheme C

Scheme D

Scheme G

MB-86 FOLD LINE

2.8





Width [m]

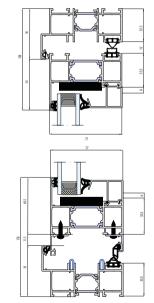


Structure height [m]

Running tracks

Construction depth [mm]







aliplast

PANORAMA

2.5

Structure height [m]

-

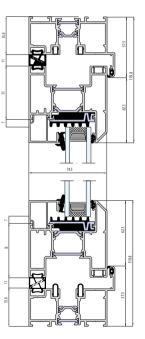
1.2

75

Running tracks

Width [m]

Construction depth [mm]





With a thermal break

MODERNSLIDE

2.4

Structure height [m]

2-3

Running tracks

1.4

65

Width [m]

Construction depth [mm]



With a thermal break



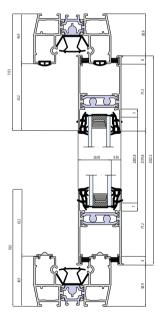
Monoblock profile

Scheme A

Scheme D

Scheme F

Scheme H







VISOGLIDE

2.6

2-3

3

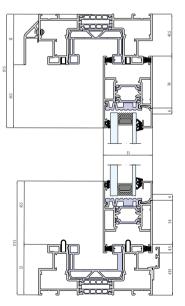
118/185

Structure height [m] Ru

Running tracks

Width [m]

Construction depth [mm]





With a thermal break

Scheme A

Scheme C

Scheme D

ULTRAGLIDE

aliplast



2-3

2.4

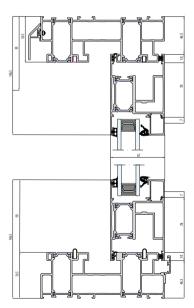
153/239

Structure height [m]

Running tracks

Width [m]

Construction depth [mm]



[+

Insulated variant

Scheme A

Scheme C

Scheme D

Scheme G





ULTRAGLIDE MAX LIGHT MONORAIL

2.8

Structure height [m]

1

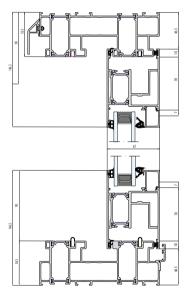
Running tracks

2.6

Width [m]

176

Construction depth [mm]





With a thermal break

Schemat A

Schemat C

Schemat G

SLIDE GLASS

2.6

Structure height [m]

3-5

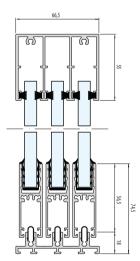
Running tracks

1.13

69.1

Width [m]

Construction depth [mm]



aliplasť





DECALU 163 SLIDE



4

3.5

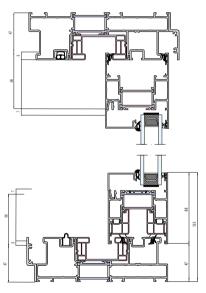
163

Structure height [m]

Running tracks

Width [m]

Construction depth [mm]





With a thermal break

Scheme A

Scheme C

Scheme D

DECALU 88 FOLDING DOORS

2.8

-

1.2

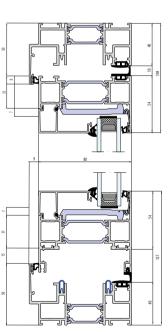
88

Construction depth [mm]

Structure height [m]

Running tracks

Width [m]











COR VISION

3

2-3

2.5

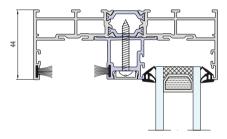
182

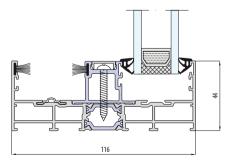
Structure height [m]

Running tracks

Width [m]

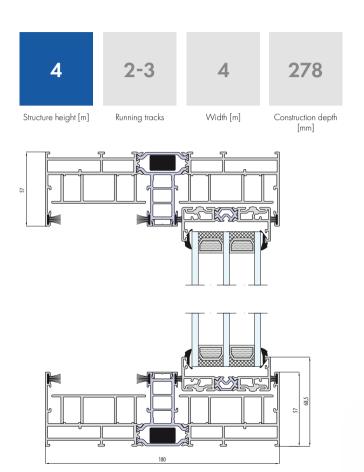
Construction depth [mm]





COR VISION PLUS









COR VISION GALANDAGE*



3

1.6

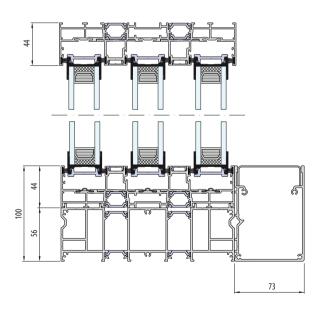
115.8-181.8

Structure height [m]

Running tracks

Width [m]

Construction depth [mm]



^{*}Requires linear drainage

MASTERPATIO





2-3

-

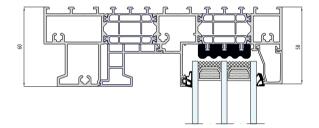
180

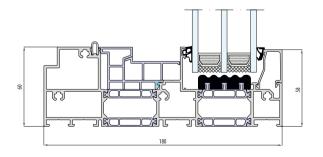
Structure height [m]

Running tracks

Width [m]

Construction depth [mm]









SLIDING SYSTEMS WOOD

A sophisticated look and a well-developed chassis are the features that characterize sliding systems made of wood. The available HST lift and slide systems allow you to choose from various opening schemes. The possibility of using wide triple-pane glazing packages results in high comfort inside the room. The choice of varnishes in various shades of wood and from the entire RAL palette provides a beautiful wooden frame around the large glazing that can be obtained in these systems.

LIST OF **SLIDING WOOD SYSTEMS**

	Structure height [m]	Running tracks	Width [m]	Construction depth [mm]	Available solutions	Available schemes
Naturo 68	2.8	2	2.4	164	-	A, C, D
Naturo 76	2.8	2	2.4	180	-	A, C, D

The width of the sash refers to the maximum value while maintaining the equal division of sashes in the structure.



Naturo

NATURO 68 HST

2.8

Structure height [m]

2

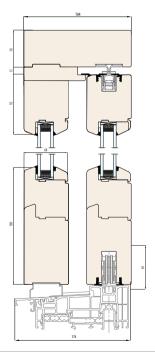
Running tracks

2.4

Width [m]

164

Construction depth [mm]



Scheme A

Scheme C

Scheme D

NATURO **76 HST**

Naturo

2.8

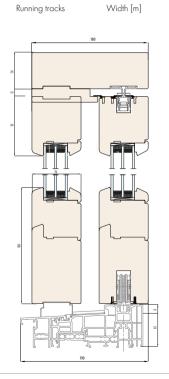
Structure height [m]

2

2.4

180

Construction depth [mm]



Scheme A

Scheme C

Scheme D





SLIDING SYSTEMS **STEEL**

Steel sliding systems are the most durable of the proposed solutions. The strength of the material allows for exceptionally low construction depths. They can be installed on walls or reach from floor to ceiling. The advanced fittings of the steel systems make the doors close smoothly. These solutions are designed for use in interiors and areas with heavy foot traffic especially. They perform well wherever a combination of outstanding appearance and absolute reliability is required.



NORM SLIDE

2.5

Structure height [m]

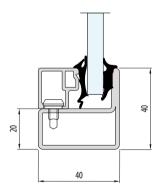
Running tracks

1.5

Width [m]

40

Construction depth [mm]







ACCESSORIES PATIO AND HST

A wide selection of handles and accessories for sliding doors will turn the structure into a functional and coherent composition.

HANDLE PATIO / HST

HANDLE **DIRIGENT HST**



DOUBLE-SIDED HANDLE **501**



HANDLE No. 128/129



HANDLER-LINE



DOUBLE-SIDED HANDLE **R-LINE**



HANDLE TENTAZIONE



HST DRIVE

HS MASTER DRIVE

The most convenient drive on the market, thanks to which the use of sliding doors does not require any force. The comfort of use is ensured by a motor, which opens or closes the doors automatically after pressing a wall button, using remote controll or by lightly pushing the sash. The door with the HS-Master system can also be operated using a smartphone, when connected to intelligent systems such as Tahoma Premium or Connexoon.

Provide safety use, the drive is equipped with intelligent obstacle detection. This ensures automatic retraction or stopping of the sash if resistance is detected while moving.

The application of the solution is intended both for private houses and hotels, as well as for construction without architectural barriers (in accordance with DIN 18040).





Mosquito nets are primarily intended to protect the interior against insects and pollutants from outside (e.g., leaves, dust). We give our clients the opportunity to choose the method of installation and the type of mosquito net depending on the function and type of window or door opening in which it will be installed. We offer frame, door, sliding and roll mosquito nets.

WINDOW MOSQUITO NETS

FRAME MOSQUITO NET **PRIME**



FRAME MOSQUITO NET **PRIME NL**



Standard frame system made of extruded

is available

aluminium and mounted on the window frame

with dedicated mounting plates. Brush sealing







Aluminium frame mosquito net with a slim design allowing it to be installed with most lintel roller shutters. Brush sealing and installation in the window opening are available.



WINDOW MOSQUITO NETS

FIXED MOSQUITO NET **MRS**





The mosquito net is designed for installation in PVC windows and is available in woodgrain colours. Profiles can be joined at a 90° angle with a plastic or a 45° angle with an internal corner. These are the only mosquito nets that can be adapted to model windows.



A system designed for installation in flush aluminium windows. Woodgrain colours are available. It is equipped with hooks at the top and bottom net.

WINDOW MOSQUITO NETS

ROLLED MOSQUITO NET **MZN**



Equipped with a has a small-sized box with side guides and a designated brake, which allows gentle closing of the bottom bar to the box.

ROLLED MOSQUITO NET **MZH**



The roll-up mosquito net is equipped with a hook-and-loop fastener that provides additional sealing of the bottom section.

PLEATED MOSQUITO NET MPH VERTI



Complements the range of pleated mosquito nets and is designed primarily for installation on window frames and roof windows. Closing and opening are very easy and smooth thanks to the springs in the lower profile. Maximum dimension 2300x2000 mm.

DOOR MOSQUITO NETS

MOSQUITO NETS



An excellent solution for entrance, balcony, and terrace doors. The width of the door, including the frame, is 80 cm. Specialised mesh and kick plate can be used. It is possible to create double doors and install a kick plate.

MOSQUITO NET **SALOON**



A rigid and robust mosquito net due to the use of aluminium protective plates and folded internal corners. No frame; there is only a leaf with 3 hinges as standard.

Width 20 mm.

SLIDING MOSQUITO NETS

MOSQUITO NET **SLIDING**



The sliding system uses a mechanism of parallel guides at the top and bottom of the frame. This solution is dedicated to HST and PSK sliding systems. Possibility of using dedicated mesh and kick plate. 2-leafed mosquito net available for large spans.

SLIDING MOSQUITO NET **SLIDER**



Ideally suited for zero-threshold sliding door systems, as it is installed on tracks at floor height, without a threshold. Rigid construction thanks to folded inner corners. The recessed inner side replaces the handle. Width 20 mm.

MOSQUITO NET CLICK-ROLL



A convenient and aesthetically pleasing solution that can be combined with any classic and sliding doors, as well as HST systems with a slanting threshold. Thanks to its designated track, the mosquito net slides smoothly and faultlessly.

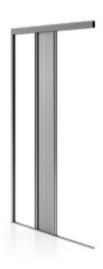
PLEATED MOSQUITO NETS

PLEATED MOSQUITO NET **FIT-ZAG**



An opening to one side mosquito net that can be fitted in the double guide rail of the external roller shutter, and between the window sash and the external roller shutter curtain. A recess in the profile replaces the handle. Mesh colour black. Profile width 13 mm.

PLEATED MOSQUITO NET **TOP-ZAG**



Designed for very large openings, up to 8 metres wide. It can be installed on or in the recess, which in no way restricts the functionality of the door.

PLEATED MOSQUITO NETS

PLEATED MOSQUITO NET MPH HARMONY



A special pleated mesh that folds like an accordion when closed and retracts into the side profile to save space. Designed for installation on terrace doors and balcony niches. Width 21 mm. Can reach spans of up to $4\ \mathrm{m}$.

PLEATED MOSQUITO NET **MPH DUAL**



A double mosquito net with the option of a corner variant without a post. Can be used on terrace doors up to 6 m wide and 3.2 m high.

PLEATED **BLIND**

VEGAS PLISSE



Vegas Plisse pleated roller blinds are an elegant and functional solution that perfectly suits windows with unusual shapes, such as triangles or semicircles. Available in many colours and patterns, the roller blinds can be adapted to the style of any interior, and the regulation of the amount of light entering the room allows for the right mood and atmosphere.

VEGAS PLISSE DUO



The advantage of these roller blinds is the possibility of easy and fast installation without the need to hire professionals, granted by the use of non-invasive hooks. The cover strip ensures the stability of the roller blind and protects it from slipping. Thanks to the use of aluminium profiles and stylish handles, these roller blinds look very aesthetically pleasing and fit into any interior.

COLORS

Windows increasingly become a decorative element of the interior and also the entire building. The standard method is to choose the color and structure of the veneer. We have a wide range of colors of smooth and wood-like veneers, as well as profiles characterized by a satin surface made in acrylcolor technology.

COLOR PALETTE ALUPLAST



COLOR PALETTE ALUPLAST



COLOR PALETTE **SALAMANDER**



COLOR PALETTE **SALAMANDER**



SAL 116

COLOR PALETTE **EKOSUN**



COLOR PALETTE **EKOSUN**













COLOR PALETTE GEALAN



COLOR PALETTE GEALAN





GEALAN COLORS ACRYLCOLOR



COLOR PALETTE RAL

ALUMINUM | STEEL | WOOD



ADEC M204

ADEC O205

ADEC D101

ADEC O102

ADEC M103

COLOR PALETTE WOOD



The presented colors may differ from the actual ones.

COLOR PALETTE WOOD



The presented colors may differ from the actual ones.



The presented colors may differ from the actual ones.





ENTRY DOORS TORONTO INC.

Quality is not an act, it is a habit!



Showroom address: 7321 Victoria Park Ave., unit 20 Markham, ON L3R 2Z8 Canada tel: 647 800-162, 416 800-7737 web: https://www.entrydoors-toronto.com email: info@entrydoors-toronto.com