



Dual Action Windows

PRODUCTS





Dual Action Windows

DAW has been serving customers in the USA since 2013. We offer European-style Tilt and Turn windows, as well as a wide variety of door options including sliding, entry, patio, and French. Our products come in a range of colors and materials, including PVCu, PVCu with aluminum cladding, aluminum, wood, and wood with aluminum cladding.

OUR STRENGTHS



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.



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.



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.

ALL IN ONE DESIGN

The aesthetic line of products "All in One Design" saves not only time needed to choose the woodwork, but above all guarantees a harmonious appearance of windows, doors, gates and roller shutters. It is also the certainty of complete technological compliance and convenience, which is undoubtedly the possibility of ordering all joinery elements from one manufacturer. We offer "All in One Design" solutions in both PVC and aluminum joinery, adapting to the customer's needs.



ALL IN ONE DESIGN



Our collection is specially designed for customers with the most sophisticated tastes and those who pay attention to every tiniest detail while designing a house. The All in One Design elegant line of products not only saves time required for selecting the joinery, but above all guarantees a harmonious look of windows, entrance doors, garage doors and roller shutters. Moreover, this solution ensures the complete technological consistency and convenience when ordering all the joinery elements from a single manufacturer. The All in One Design products are available in both u-PVC and aluminum versions to suit the customers' needs.

Our customers can choose between toned sets, recommended for traditional buildings, and the ones distinguished for their colors and ornaments that will perfectly match modern architecture.

The names of particular sets do not derive from names of Italian cities by coincidence. Italy is known for a passion for art and fashion as well as an extraordinary sense of aesthetics. Therefore, the All in One Design product line combines the most fashionable colors, daring combinations of materials and ornaments. It also offers the highest quality of the final product and wide range of choices. Customers can choose a window system, a roller shutter, an entrance door type and a garage door, leaving the arrangement to us. If you go for products from the All in One Design line, you can be sure the building will gain a consistent and tailored look that will satisfy your expectations as well as requirements.

At a customer's request, our sets can be modified and the elements can be made in any color from our palletes.

Verona

Timeless design



Modena

Beauty hidden in simplicity



Foggia

In harmony with nature



Livorno

A simple form and elegance



ALL IN ONE DESIGN

Torino

Contrasts for the brave



Firenze

Style expressed in details



Messina

Classics with a modern touch



Trieste

Color in the leading role





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**



The classic, simple shape of the profile with a non-flush structure is a modern look of the product.

CL

**ROUND-LINE
PROFILE**



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

RL

**QUBE-LINE
PROFILE**



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

QL

**ALUMINUM
COVER**



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

A

AVAILABLE SOLUTIONS

MONOBLOCK PROFILE



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.

M

RENOVATION PROFILE



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.

R

STV TECHNOLOGY



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.

STV

TECHNOLOGIES FOR JOINING PROFILES

V-PERFECT TECHNOLOGY



It creates an almost invisible weld. Joining profiles with this technology is perfectly refined, thanks to which it ensures the appropriate strength of the corners while maintaining the best aesthetics available on the window joinery market.

V-SUPER 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.

HFL TECHNOLOGY



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 factor (window) *glazing only	U-Factor (frame)	Number of gaskets	Number of chambers	Construction depth	Available solutions
Ideal 4000	0.25 *0.19	0.25	2	5	2 ^{3/4"} - 6 ^{3/8"}	R, M, A, CL, RL
Ideal 4000 NEW	0.23 *0.19	0.23	2	5/6	3 ^{3/8"}	CL, RL
Ideal 5000	0.23 *0.19	0.21	3	5	2 ^{3/4"}	R, A, CL, RL
Ideal 7000 NEW	0.23 *0.19	0.19	2	6	3 ^{3/8"}	A, CL
Ideal 8000	0.15 *0.09	0.18	3	6	3 ^{3/8"}	A, CL, RL
Energeto 8000	0.14 *0.09	0.17	3	6	3 ^{3/8"}	A, CL
Energeto Neo	0.15 *0.09	0.19	3	6	2 ^{63/64"}	QL
Ideal Neo MD	0.14 *0.09	0.21	3	6	2 ^{63/64"}	QL
Ideal Neo AD	0.14 *0.09	0.21	2	5/6	2 ^{63/64"}	QL
Ideal 7000 NL	0.23 *0.19	0.19	2	5	4 ^{3/4"}	A, CL
Nordline	0.25 *0.19	0.26	2	4/5	4 ^{3/4"}	CL
Ideal 70	0.25 *0.19	0.25	2	5	2 ^{3/4"}	RL
4000 Casement	0.23 *0.19	0.23	2	5	2 ^{3/4"}	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 factor (window) *glazing only	U-Factor (frame)	Number of gaskets	Number of chambers	Construction Depth	Available solutions
greenEvolution Flex	0.23 *0.19	0.23	2/3	5/6	2 ^{63/64"}	CL, RL
BluEvolution 82	0.15 *0.09	0.19	3	6	3 ^{1/4"}	R, A, CL
BluEvolution 92	0.15 *0.09	0.18	3	6	3 ^{5/8"}	CL, RL

EkoSun 70	0.23 *0.19	0.23	2	6	2 ^{3/4"}	R, CL, RL
EkoSun 6	0.23 *0.19	0.21	2	6	3 ^{3/16"}	CL
EkoSun 7	0.23 *0.19	0.19	3	7	3 ^{3/16"}	A, CL
EkoSun 6 NL	0.25 *0.19	0.25	2	5/6	4 ^{3/4"}	CL

S8000	0.23 *0.19	0.21	2	5/6	2 ^{15/16} - 6 ^{5/8"}	R, M, CL, RL
S9000	0.15 *0.09	0.18	3	6	3 ^{1/4"}	R, CL, STV

The U factor (Window) value is given for a reference window with dimensions of 48 x 58 inches.

U-factor (Frame), 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

0.25

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.25

U-Factor (frame)

2

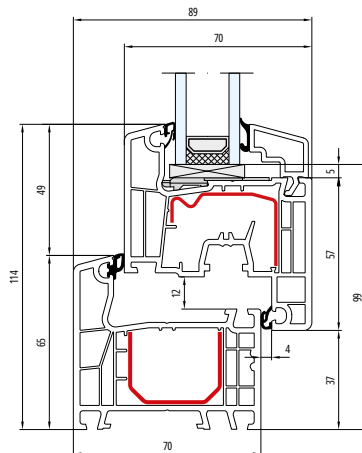
gaskets

5

chambers

2 3/4" - 6 3/8"

construction depth [inches]



R

Renovation profile

M

Monoblock profile

A

Aluminum cover

CL

Classic-line

RL

Round-line

IDEAL 4000 NEW

0.23

U-Factor (window)
glazing only = 0.19
(aluminum spacer bar)

0.23

U-Factor (frame)

2

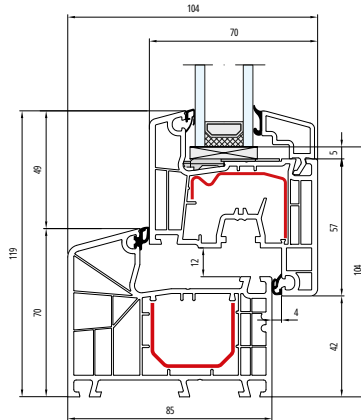
gaskets

5/6

chambers

3 3/8"

construction
depth [inches]



CL

Classic-line

RL

Round-line



IDEAL 5000



0.23

U-Factor (window)
glazing only = 0.19
(aluminum spacer bar)

0.21

U-Factor (frame)

3

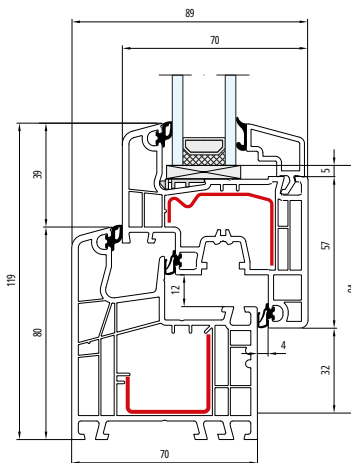
gaskets

5

chambers

2 3/4"

construction
depth [inches]



R

Renovation profile

A

Aluminum cover

CL

Classic-line

RL

Round-line

IDEAL 7000 NEW

0.23

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.19

U-Factor (frame)

2

gaskets

6

chambers

3 3/8"

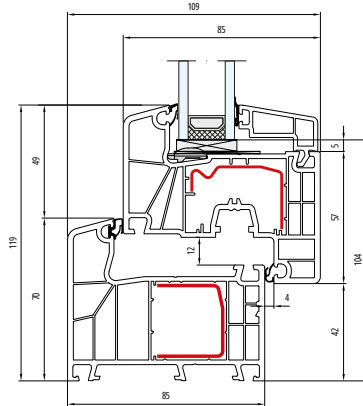
construction depth [inches]

A

Aluminum cover

CL

Classic-line



IDEAL 8000



0.15

U-Factor (window glazing only = 0.09)
(aluminum spacer bar)

0.18

U-Factor (frame)

3

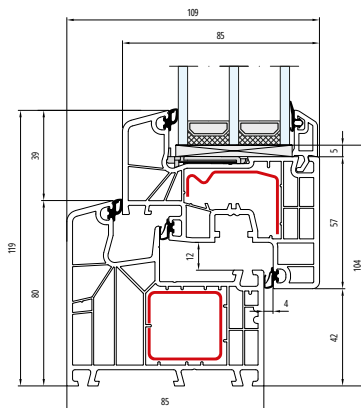
gaskets

6

chambers

3 3/8"

construction depth [inches]



A

Aluminum cover

CL

Classic-line

RL

Round-line

IDEAL 8000 ENERGETO

0.14

U-Factor (window)
glazing only = 0.09
(aluminum spacer bar)

0.17

U-Factor (frame)

3

gaskets

6

chambers

3 3/8"

construction
depth [inches]

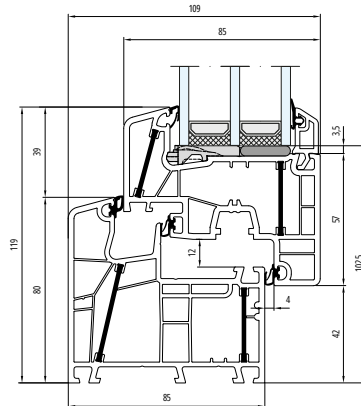


A

Aluminum cover

CL

Classic-line



ENERGETO NEO

0.15

U-Factor (window)
glazing only = 0.09
(aluminum spacer bar)

0.19

U-Factor (frame)

3

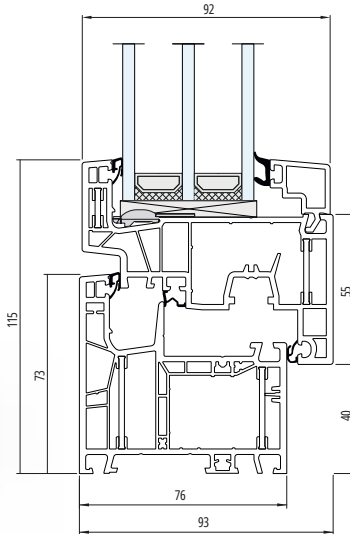
gaskets

6

chambers

2 63/64"

construction
depth [inches]



QL

Qube -line

IDEAL NEO MD

0.14

U-Factor (window glazing only = 0.09)
(Ultimate spacer bar)

0.21

U-Factor (frame)

3

gaskets

5/6

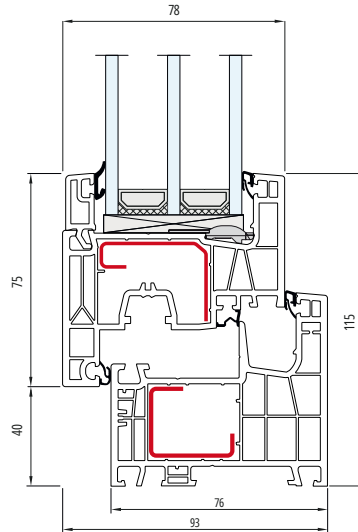
chambers

2 63/64"

construction depth [inches]

QL

Qube -line



IDEAL NEO AD

0.14

U-Factor (window glazing only = 0.19)
(Ultimate spacer bar)

0.21

U-Factor (frame)

2

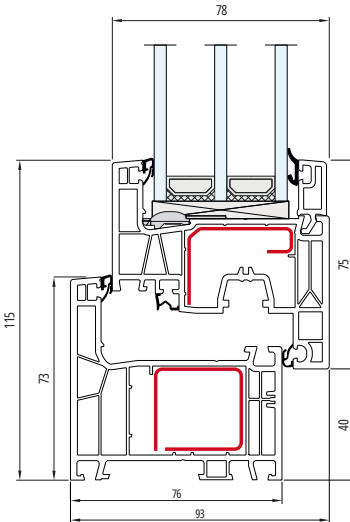
gaskets

5/6

chambers

2 63/64"

construction depth [inches]



QL

Qube -line

IDEAL 7000 NL

0.23

U-Factor (window
glazing only = 0.19
(aluminum spacer bar)

0.19

U-Factor (frame)

2

gaskets

5

chambers

4 3/4"

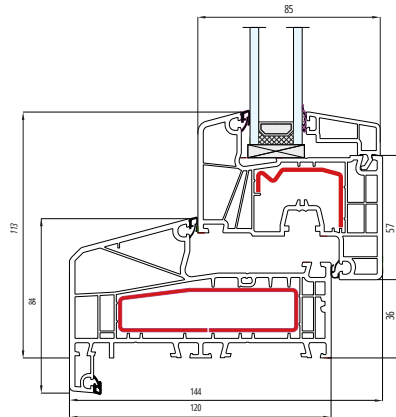
construction
depth [inches]

A

Aluminum cover
(opening)

CL

Classic-line



NORDLINE



0.25

U-Factor (window)
glazing only = 0.19
(aluminum spacer bar)

0.26

U-Factor (frame)

2

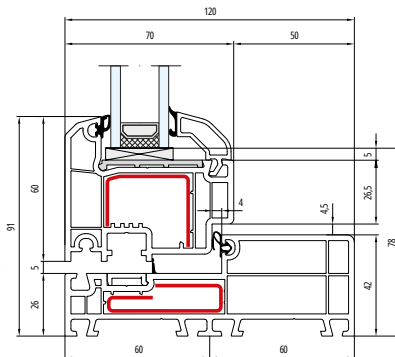
gaskets

4/5

chambers

4 3/4"

construction
depth [inches]



CL

Classic-line

IDEAL 70

0.25

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.25

U-Factor (frame)

2

gaskets

5

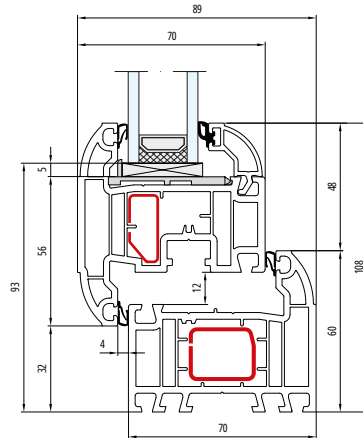
chambers

2 3/4"

construction depth [inches]

RL

Round-line



IDEAL 4000 CASEMENT



0.23

U-Factor (window)
glazing only = 0.19
(aluminum spacer bar)

0.23

U-Factor (frame)

2

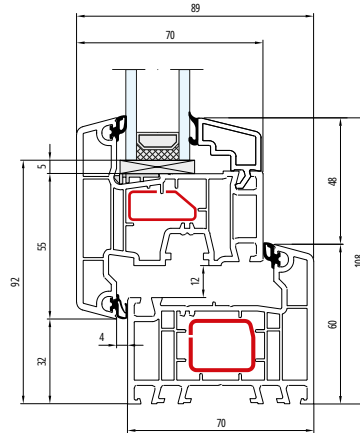
gaskets

5

chambers

2 3/4"

construction
depth [inches]



CL

Classic-line

ALUPLAST GLAZING BEADS

CLASSIC-LINE



SOFT-LINE



ROUND-LINE



QUBE-LINE



FILLING WIDTH [mm]

10-39

24-39

24-35

10-42

Ideal **4000**, Ideal **4000 NEW**, Ideal **5000**, Nordline (**Dormant**), Ideal **70**, Ideal **4000 Casement**

24-49

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**

GREENEVOLUTION FLEX

0.23

U-Factor (window glazing only = 0.19 (aluminum spacer bar))

0.23

U-Factor (frame)

2/3

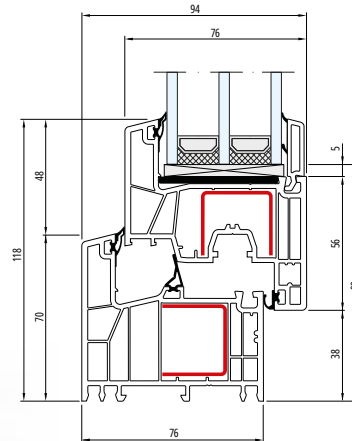
gaskets

5/6

chambers

2 63/64"

construction depth [inches]



CL

Classic-line

RL

Round-line

BLUEEVOLUTION 82

0.15

U-Factor (window)
glazing only = 0.09
(aluminum spacer bar)

0.19

U-Factor (frame)

3

gaskets

6

chambers

3 1/4"

construction
depth [inches]

R

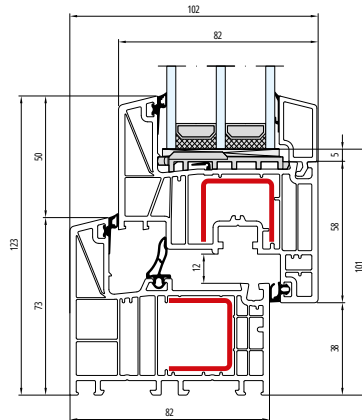
Renovation profile

A

Aluminum cover

CL

Classic-line



BLUEEVOLUTION 92



0.15

U-Factor (window glazing only = 0.09 (aluminum spacer bar)

0.18

U-Factor (frame)

3

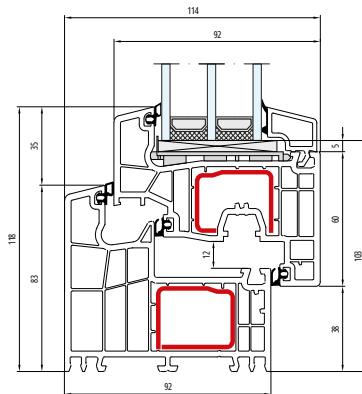
gaskets

6

chambers

3 5/8"

construction depth [inches]



CL

Classic-line

RL

Round-line

SALAMANDER GLAZING BEADS

CLASSIC-LINE

SOFT-LINE

ROUND-LINE

HISTORY-LINE



FILLING WIDTH [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



0.23

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.23

U-Factor (frame)

2

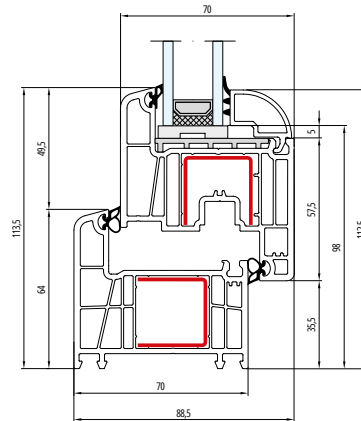
gaskets

6

chambers

2 3/4"

construction depth [inches]



R

Renovation profile

CL

Classic-line

RL

Round-line

EKOSUN 6

0.23

U-Factor (window)
glazing only = 0.19
(aluminum spacer bar)

0.21

U-Factor (frame)

2

gaskets

6

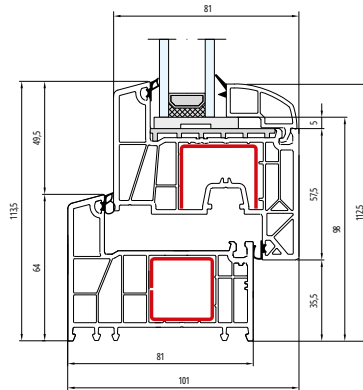
chambers

3 3/16"

construction
depth [inches]

CL

Classic-line



EKOSUN 7



0.23

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.19

U-Factor (frame)

3

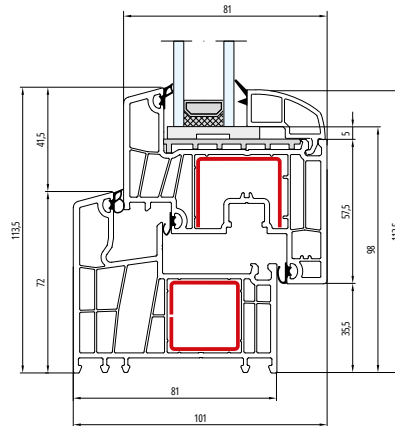
gaskets

7

chambers

3 3/16"

construction depth [inches]



A

Aluminum cover

CL

Classic-line

EKOSUN 6 NL

0.25

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.25

U-Factor (frame)

2

gaskets

5/6

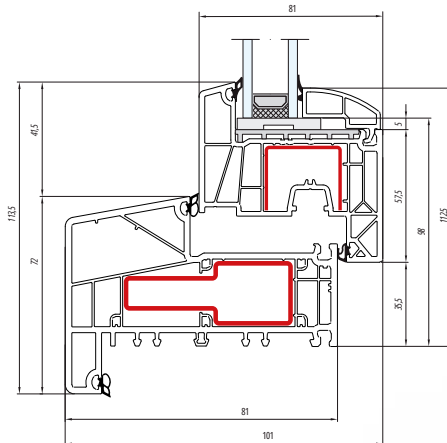
chambers

4 3/4"

construction depth [inches]

CL

Classic-line

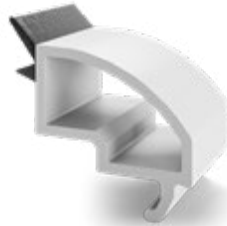


EKOSUN GLAZING BEADS

STANDARD-LINE



STANDARD-LINE



STANDARD-LINE



FILLING WIDTH [mm]

32-45

23-25|35-37

23-27

EkoSun 70

41-55

33-34|45-46

23-40

EkoSun 6, EkoSun 7



GEALAN S 8000

0.23

U-Factor (window glazing only = 0.19 (aluminum spacer bar))

0.21

U-Factor (frame)

2

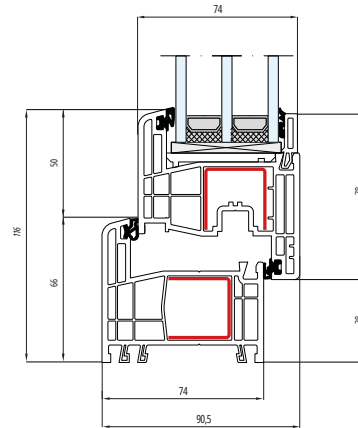
gaskets

5/6

chambers

2 15/16" - 6 5/8"

construction depth [inches]



R

Renovation profile

M

Monoblock profile

CL

Classic-line

RL

Round-line

GEALAN S 9000

0.15

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.18

U-Factor (frame)

3

gaskets

6

chambers

3 1/4"

construction depth [inches]

R

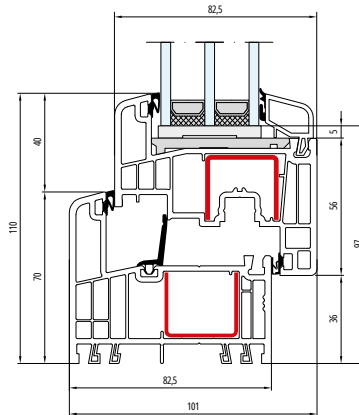
Renovation profile

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

S 9000

29-30|STV 32-33





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**



The profile is made entirely of aluminum, for indoor use

-

PROFILE **WITH A THERMAL BREAK**



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.

+

THERMAL **ELEMENTS**

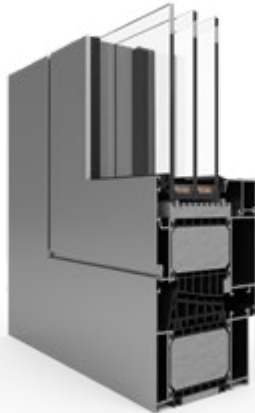


Additional elements are attached to improve thermal the thermal parameters of the frame.

SI, I

AVAILABLE SOLUTIONS

INSULATED VARIANT



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

AERO, HI, I+

PIVOT WINDOW



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

180°

HIDDEN SASH



Arrangement of profiles imitating the hidden sash from the outside.

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.

EI

RENOVATION VARIANT



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

R

MONOBLOCK PROFILE



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

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 220lbs to even 397lbs. Additional options, such as micro-ventilation or an opening lock with a key, complete the possibilities for this fitting.

COMPARISON OF ALUMINUM PROFILES

	U factor (window) <i>*glazing only</i>	U-Factor (frame)	Number of gaskets	Construction Depth	Available solutions
MB-45	0.39 <i>*0.19</i>	1.06	2	1 ^{3/4"}	-
MB-60	0.30 <i>*0.19</i>	0.39	2	2 ^{3/8"}	+, HI, 180, R
MB-79N	0.11 <i>*0.09</i>	0.15	2	2 ^{3/4"}	+, SI, US
MB-79N CASEMENT	0.18 <i>*0.09</i>	0.15	3	2 ^{3/4"}	SI
MB-86N	0.19 <i>*0.11</i>	0.18	2	3 ^{1/16"}	SI
MB-86 SI CASEMENT	0.19 <i>*0.11</i>	0.25	2	3 ^{1/16"}	+, SI
MB-104 Passive	0.16 <i>*0.11</i>	0.14	2	3 ^{3/4"}	+, SI, AERO, R
MB-Ferroline	0.25 <i>*0.19</i>	0.26	2	3 ^{5/16"} - 4 ^{5/16"}	+
MB-Ferroline Industrial	0.25 <i>*0.19</i>	0.26	2	3 ^{5/16"} - 4 ^{5/16"}	+
MB-60EI	0.39 <i>*0.19</i>	0.39	2	2 ^{3/8"}	+, EI
MB-78EI	0.37 <i>*0.19</i>	0.37	2	3 ^{1/16"}	+, EI

- 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

EI Fire protection system
R Renovation variant
M Monoblock profile

COMPARISON OF ALUMINUM PROFILES

	U factor (window) *glazing only	U-Factor (frame)	Number of gaskets	Construction Depth	Available solutions
Imperial	0.29 *0.19	0.32	2	$2^{9/16}$ "	+, I, I+, R
Ecofutural	0.30 *0.19	0.30	2	$2^{3/8}$ "	+, I, I+, OC, R, M
Superial	0.27 *0.11	0.26	2	$2^{15/16}$ "	+, I, I+, OC, R
Genesis	0.19 *0.11	0.18	2	$2^{15/16}$ "	+, I, I+, R
Maxlight	0.18 *0.11	0.32	2	$2^{15/16}$ " / $3^{1/4}$ " / $4^{1/8}$ "	+, OC
VS600	0.32 *0.19	0.41		$4^{15/16}$ "	+
Decalu 88 Standard	0.39 *0.19	0.18	2	$3^{7/16}$ "	+
Decalu 88 Hidden	0.30 *0.19	0.23	2	$3^{7/16}$ "	+
Decalu 94 Retro	0.11 *0.09	0.19	2	$3^{11/16}$ "	+
Decalu 110 Steel	0.18 *0.09	0.21	2	$4^{5/16}$ "	+
Decalu 101 Scand	0.19 *0.11	0.25	2	$3^{31/32}$ "	+, 180

The U factor (Window) value is given for a reference window with dimensions of 48 x 58 inches. U-factor (Frame), 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 factor (window) <i>*glazing only</i>	U-Factor (frame)	Number of gaskets	Construction Depth	Available solutions
Slimline 38	0.18 <i>*0.09</i>	0.33	3	2 ^{63/64"} - 3 ^{7/8"}	HI
Masterline 8	0.19 <i>*0.11</i>	0.28	2	3 ^{1/16"}	+, HI, R
Masterline 8 Hidden Wing	0.14 <i>*0.09</i>	0.23	2	3 ^{1/16"}	HI
Cortizo Casement	0.18 <i>*0.09</i>	0.31		2 ^{3/4"}	-

- 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

EI Fire protection system
R Renovation variant
M Monoblock profile

The U factor (Window) value is given for a reference window with dimensions of 48 x 58 inches.

U-factor (Frame), 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

0.39

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

1.06

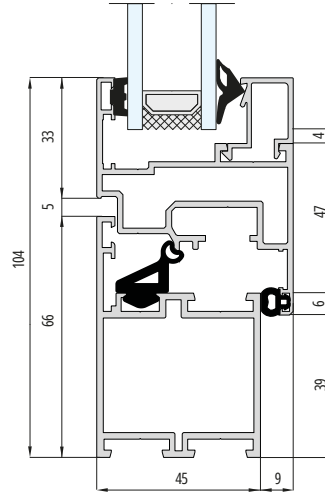
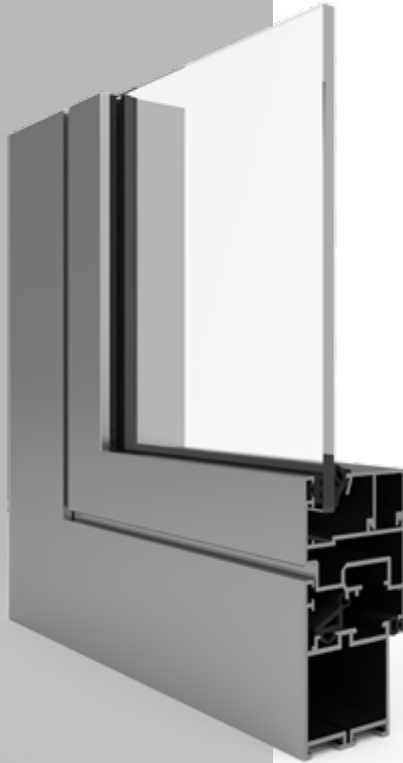
U-Factor (frame)

2

gaskets

1 3/4"

construction depth [inches]



Without thermal break

MB-60

0.30

U-Factor (window)
glazing only = 0.19
(aluminum spacer bar)

0.39

U-Factor (frame)

2

gaskets

2 3/8"

construction
depth [inches]

+

With a thermal break

R

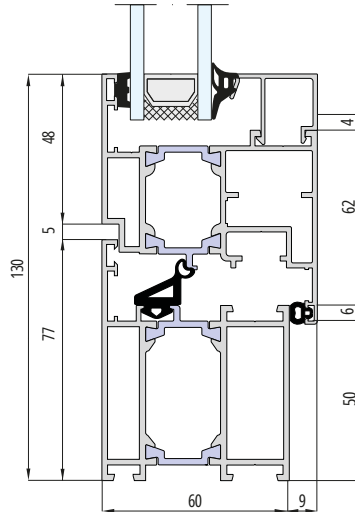
Renovation profile

180

Pivot window

HI

Insulated variant



MB-79N

0.11

U-Factor (window glazing only = 0.09 (aluminum spacer bar)

0.15

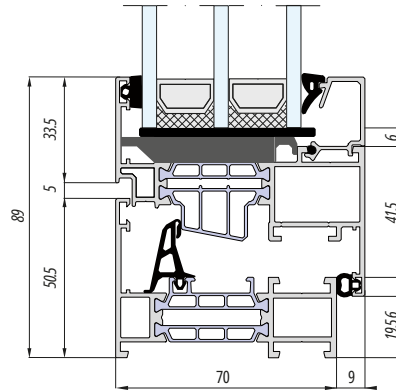
U-Factor (frame)

2

gaskets

2 3/4"

construction depth [inches]



With a thermal break

US

Hidden sash

SI

Thermal elements

MB-79N CASEMENT

0.18

U-Factor (window
glazing only = 0.09
(aluminum spacer bar)

0.15

U-Factor (frame)

3

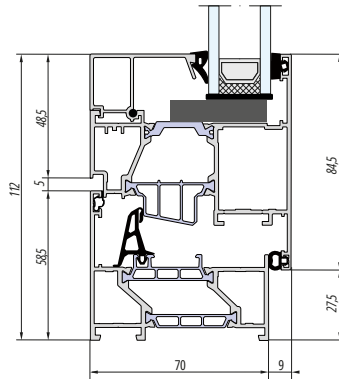
gaskets

2 3/4"

construction
depth [inches]

SI

Thermal elements



MB-86N

0.19

U-Factor (window glazing only = 0.11 (aluminum spacer bar)

0.18

U-Factor (frame)

2

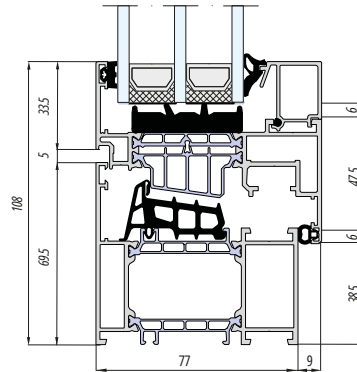
gaskets

3 1/16"

construction depth [inches]

SI

Thermal elements



MB-104 PASSIVE

0.16

U-Factor (window glazing only = 0.11 (aluminum spacer bar))

0.14

U-Factor (frame)

2

gaskets

3 3/4"

construction depth [inches]

R

Renovation profile

+

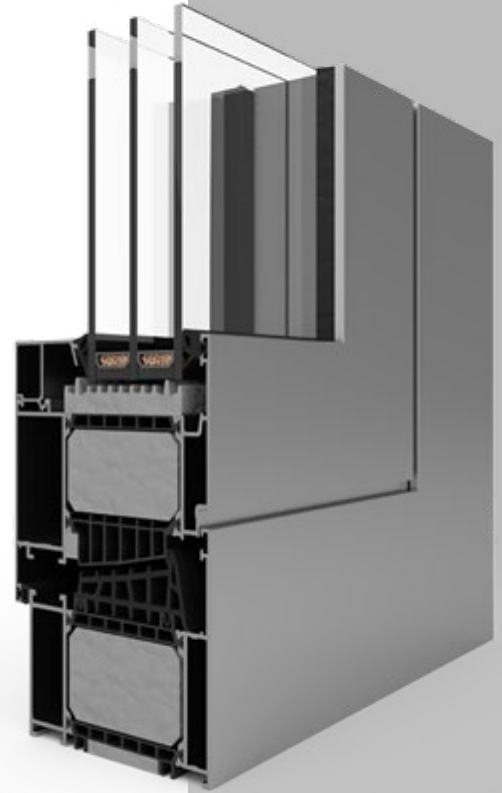
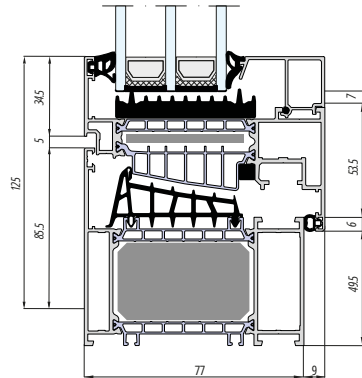
With a thermal break

AERO

Insulated variant

SI

Thermal elements



MB-FERROLINE



0.25

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.26

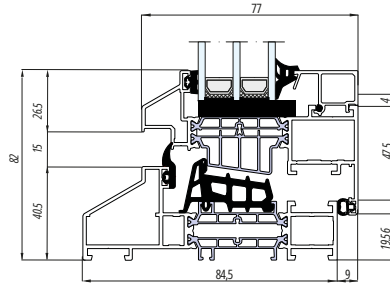
U-Factor (frame)

2

gaskets

3 5/16" - 4 5/16"

construction depth [inches]



Profile with a thermal break

MB-FERROLINE INDUSTRIAL

0.25

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.26

U-Factor (frame)

2

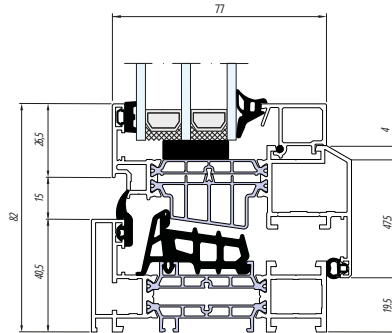
gaskets

3 5/16" - 4 5/16"

construction depth [inches]



Profile with a thermal break



MB-60E EI

0.39

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.39

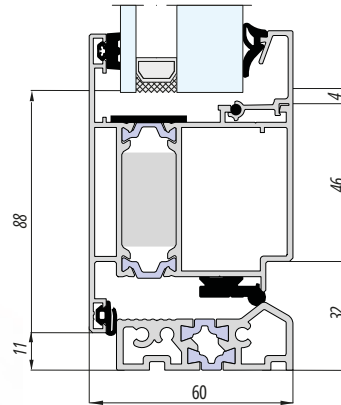
U-Factor (frame)

2

gaskets

2 3/8"

construction depth [inches]



Profile with a thermal break

EI

Fire protection system

MB-78EI

0.37

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.37

U-Factor (frame)

2

gaskets

3 1/16"

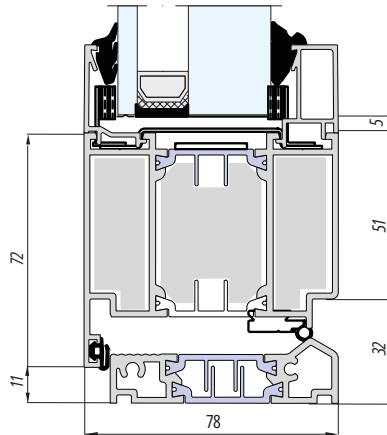
construction depth [inches]



Profile with a thermal break

EI

Fire protection system



IMPERIAL

0.29

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.32

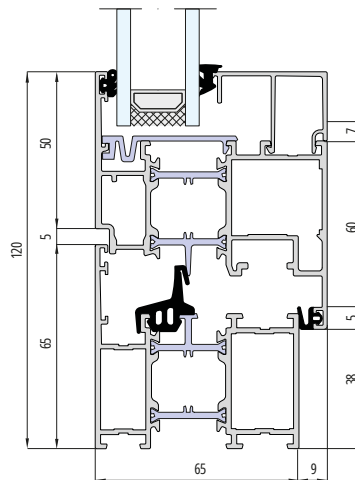
U-Factor (frame)

2

gaskets

2 9/16"

construction depth [inches]



+

Profile with a thermal break

R

Renovation profile

I

Thermal elements

I+

Insulated variant

MAXLIGHT MODERN | STEEL | DESIGN | INVISIBLE

aliplast

0.18

U-Factor (window glazing only = 0.11 (aluminum spacer bar)

0.32

U-Factor (frame)

2

gaskets

2 15/16"

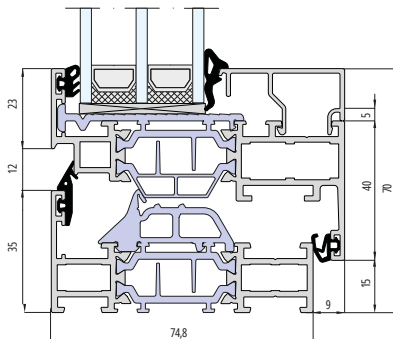
construction depth [inches]

+

Profile with a thermal break

OC

Hidden sash



ECOFUTURAL



0.30

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.30

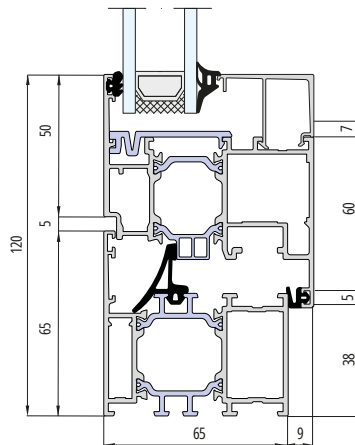
U-Factor (frame)

2

gaskets

2 3/8"

construction depth [inches]



+

Profile with a thermal break

M

Monoblock profile

R

Renovation profile

OC

Hidden sash

I

Thermal elements

I+

Insulated variant

SUPERIAL

aliplast

0.27

U-Factor (window glazing only = 0.11 (aluminum spacer bar)

0.26

U-Factor (frame)

2

gaskets

2 15/16"

construction depth [inches]

+

Profile with a thermal break

R

Renovation profile

OC

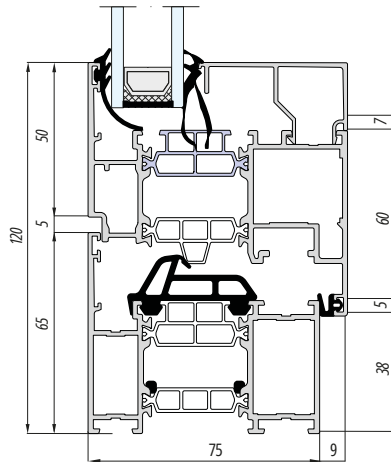
Hidden sash

I

Thermal elements

I+

Insulated variant



GENESIS



0.19

U-Factor (window)
glazing only = 0.11
(aluminum spacer bar)

0.18

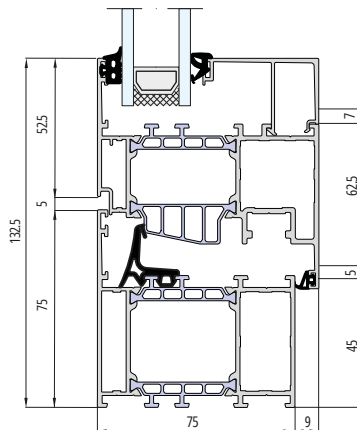
U-Factor (frame)

2

gaskets

2 15/16"

construction
depth [inches]



+

Profile with a thermal
break

R

Renovation profile

I

Thermal elements

I+

Insulated variant

DOUBLE HUNG VS600

aliplast

0.32

U-Factor (window)
glazing only = 0.19
(aluminum spacer bar)

0.41

U-Factor (frame)

-

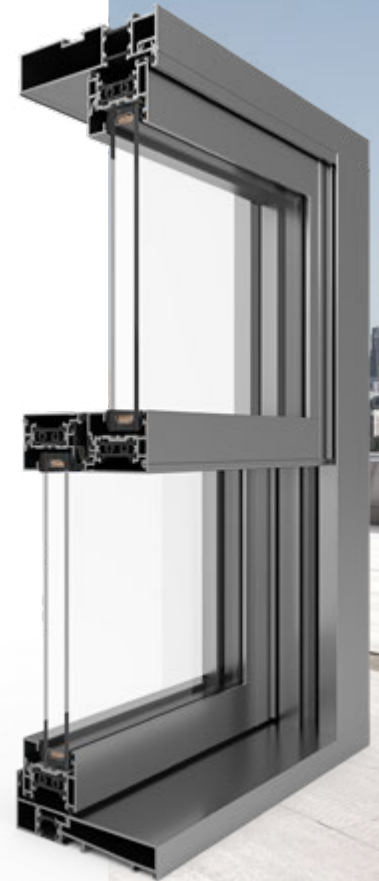
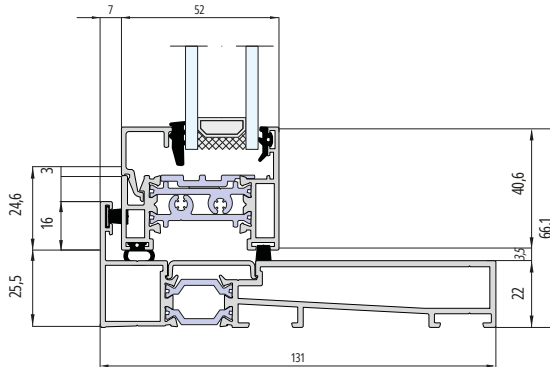
gaskets

4 15/16"

construction
depth [inches]



Profile with a thermal
break



DECALU 88 STANDARD



0.39

U-Factor (window glazing only = 0.19 (aluminum spacer bar)

0.18

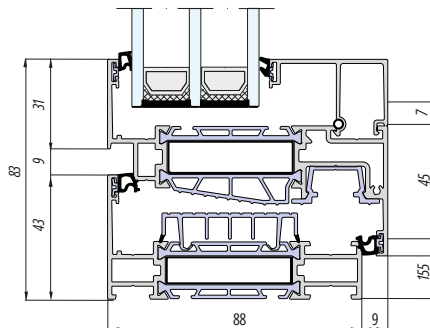
U-Factor (frame)

2

gaskets

3 7/16"

construction depth [inches]



Profile with a thermal break

DECALU 88 HIDDEN

deceuninck

0.30

U-Factor (window
glazing only = 0.19
(aluminum spacer bar)

0.23

U-Factor (frame)

2

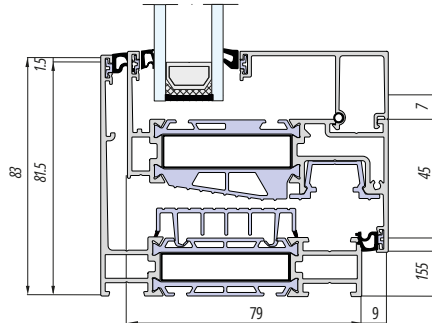
gaskets

3 7/16"

construction
depth [inches]



Profile with a thermal
break



DECALU 94 RETRO



0.11

U-Factor (window glazing only = 0.09 (aluminum spacer bar)

0.19

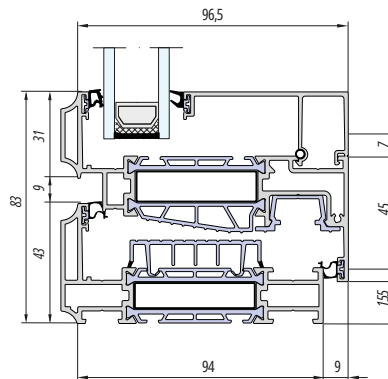
U-Factor (frame)

2

gaskets

3 11/16"

construction depth [inches]



Profile with a thermal break

DECALU 110 STEEL

deceuninck

0.18

U-Factor (window glazing only = 0.09 (aluminum spacer bar)

0.21

U-Factor (frame)

2

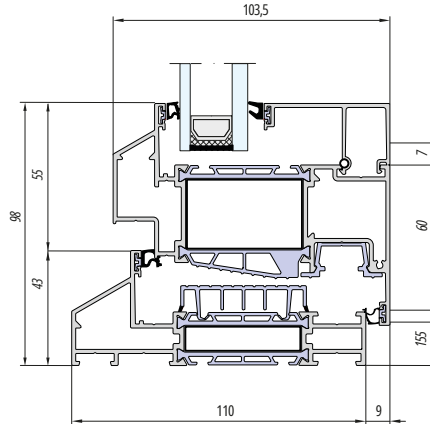
gaskets

4 15/16"

construction depth [inches]



Profile with a thermal break



DECALU 101 SCAND

0.19

U-Factor (window glazing only = 0.11 (aluminum spacer bar)

0.25

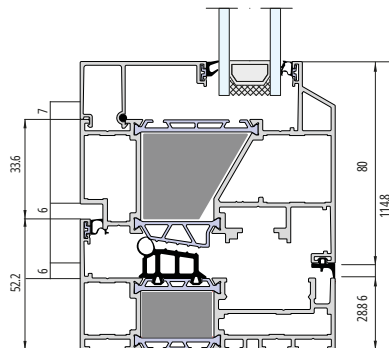
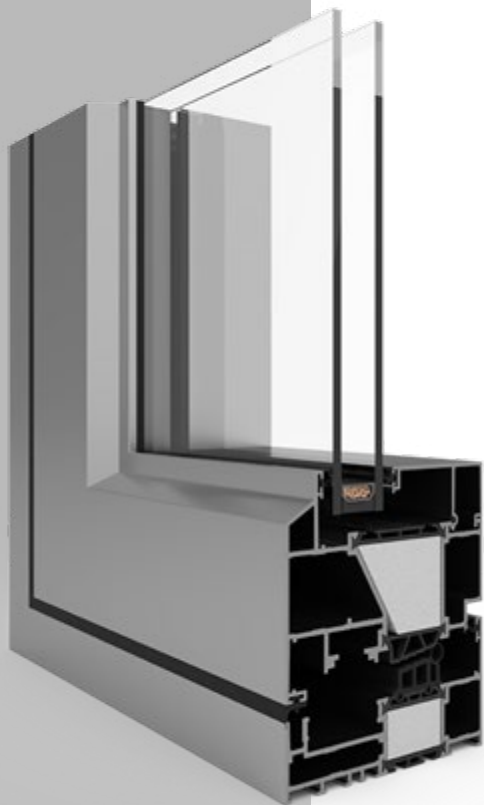
U-Factor (frame)

2

gaskets

3 31/32"

construction depth [inches]



Profile with a thermal break

180

Pivot window

SLIMLINE 38

0.18

Classic

U-Factor (window)
glazing only = 0.19
(aluminum spacer bar)

0.33

U-Factor (frame)

3

gaskets

2 63/64" - 3 7/8"

construction
depth [inches]

HI

Insulated variant

0.16

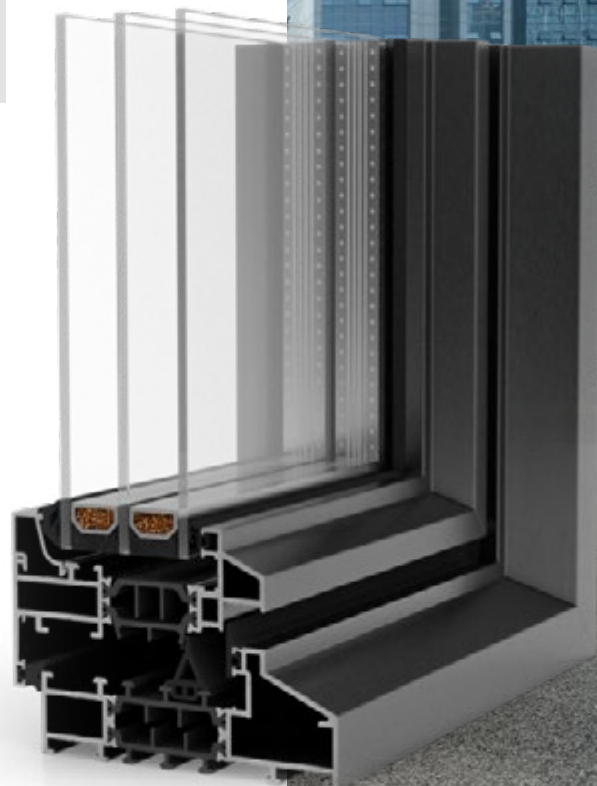
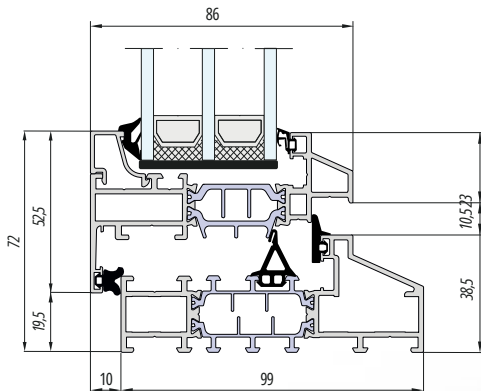
Ferro

U-Factor (window)
glazing only = 0.09
(aluminum spacer bar)

0.17

Cubic

U-Factor (window)
glazing only = 0.09
(aluminum spacer bar)



MASTERLINE 8

0.19

U-Factor (window
glazing only = 0.11
(aluminum spacer bar)

0.28

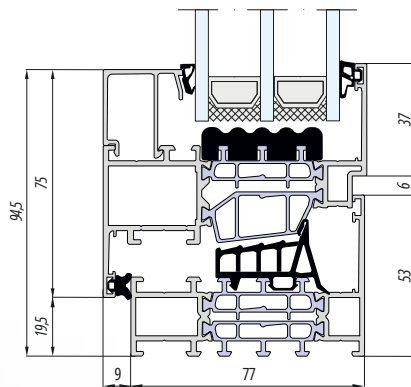
U-Factor (frame)

2

gaskets

3 1/16"

construction
depth [inches]



+

Profile with a thermal
break

R

Renovation profile

HI, HI+

Insulated variant

MASTERLINE 8 HIDDEN VENT

0.14

U-Factor (window glazing only = 0.19 (aluminum spacer bar))

0.11

U-Factor (frame)

2

gaskets

3

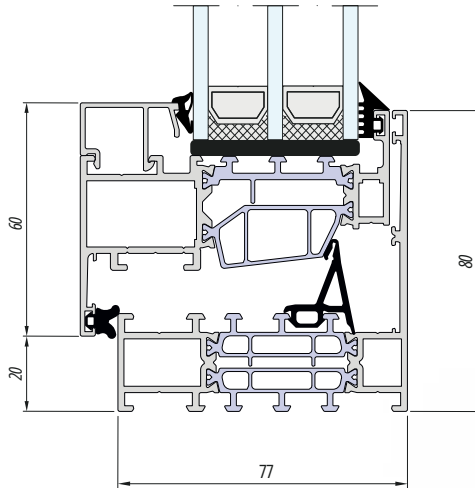
chambers

3 1/16"

construction depth [inches]

HI

Insulated variant



CS 77

0.18

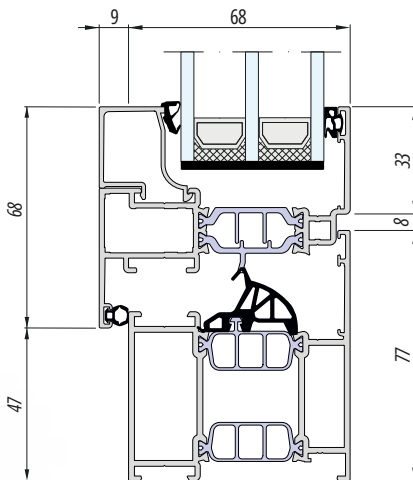
U-Factor (window)
glazing only = 0.09
(aluminum spacer bar)

3

gaskets

2 11/16"

construction
depth [inches]



HI, HI+

Insulated variant

CORTIZO CASEMENT



0.18

U-Factor (window glazing only = 0.09 (aluminum spacer bar)

0.31

U-Factor (frame)

2

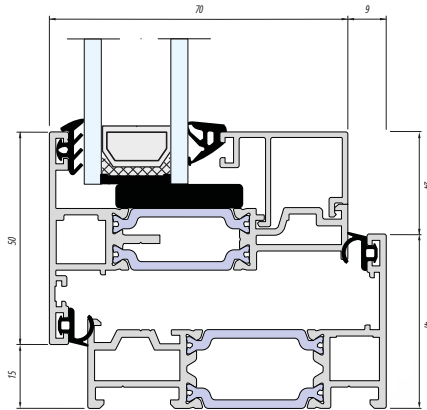
gaskets

2 3/4"

construction depth [inches]

HI

Insulated variant





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**



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**

PROFILE WITHOUT **UNDERCUT**



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

**Profile
without undercut**

ALUMINUM **COVER**



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.

A

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

DUTCH **PROFILE**



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.

B

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 factor (window) *glazing only	U-Factor (frame)	Number of gaskets	Construction Depth	Available solutions
Esperia Life 80	0.15 *0.09	0.21	3	3 ^{1/8"}	-
Esperia Life ALU 74	-	0.21	3	2 ^{15/16"}	-
Esperia Life ALU 86	-	0.18	3	3 ^{3/8"}	-
Naturo 68	0.23 *0.18	0.25	2	2 ^{11/16"}	R, M, NL, B, A
Naturo 76	0.16 *0.11	0.23	2	2 ^{63/64"}	R, M, NL, B, A
Naturo 88	0.13 *0.09	0.19	2	3 ^{7/16"}	R
Naturo Alu 65	0.17 *0.12	0.24	3	2 ^{9/16"}	-
Naturo Alu 75	0.16 *0.11	0.21	3	2 ^{15/16"}	-

R Renovation profile

M Monoblock profile

NL Dutch profile

B Belgian profile

A Aluminum cover

The U factor (Window) value is given for a reference window with dimensions of 48 x 58 inches.

U-factor (Frame), represents the best thermal variant of a given system.



ESPERIA LIFE 80

0.15

U-Factor (window
glazing only = 0.19
(warm spacer bar)

3

gaskets

4

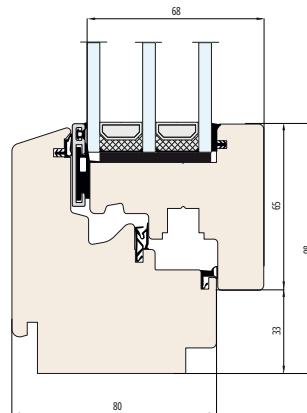
layers of glued
wood

4

layers of varnish

3 1/8"

construction
depth [inches]



ESPERIA LIFE ALU 74

3

gaskets

4

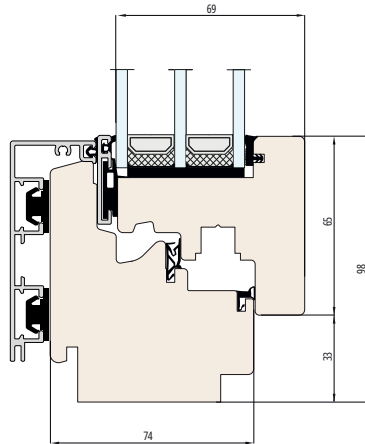
layers of glued
wood

4

layers of varnish

2 15/16"

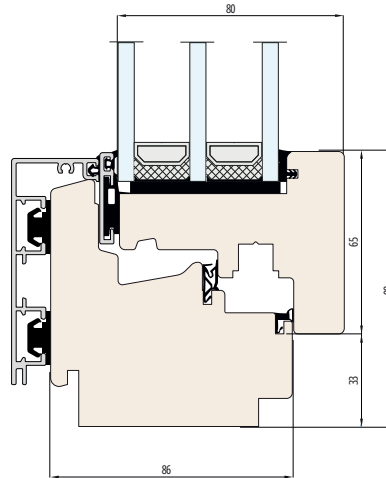
construction
depth [inches]



ESPERIA LIFE ALU 86



3	4	4	3 3/8"
gaskets	layers of glued wood	layers of varnish	construction depth [inches]



NATURO 68

Profile with undercut

Profile without undercut

0.23

U-Factor (window glazing only = 0.18 (aluminum spacer bar)

0.25

U-Factor (frame)

2

gaskets

2 11/16"

construction depth [inches]

R

Renovation profile

M

Monoblock profile

NL

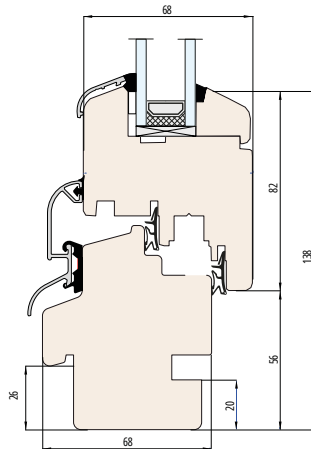
Dutch profile

B

Belgian profile

A

Aluminum cover



NATURO 76



0.16

U-Factor (window)
glazing only = 0.11
(aluminum spacer bar)

0.23

U-Factor (frame)

2

gaskets

2 63/64"

construction
depth [inches]

Profile with undercut

Profile without undercut

R

Renovation profile

M

Monoblock profile

NL

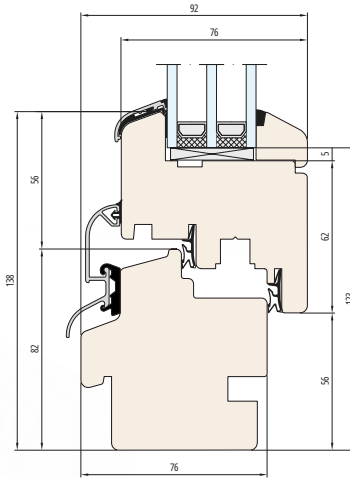
Dutch profile

B

Belgian profile

A

Aluminum cover



NATURO 88

Profile with undercut

Profile without undercut

0.13

U-Factor (window glazing only = 0.09 (aluminum spacer bar)

0.19

U-Factor (frame)

2

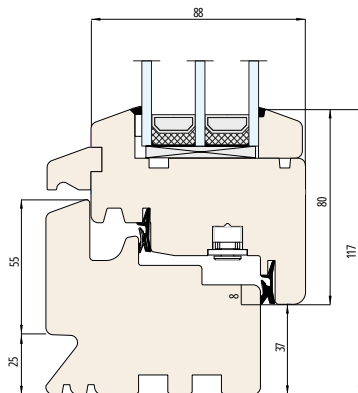
gaskets

3 7/16"

construction depth [inches]

R

Renovation profile



NATURO ALU 65

0.17

U-Factor (window
glazing only = 0.12
(aluminum spacer bar)

3

gaskets

3

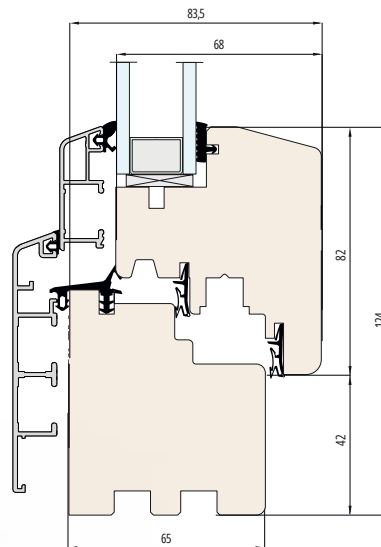
layers of glued
wood

4

layers of varnish

29/16"

construction
depth [inches]



NATURO ALU 75

0.16

U-Factor (window
glazing only = 0.11
(warm spacer bar)

3

gaskets

4

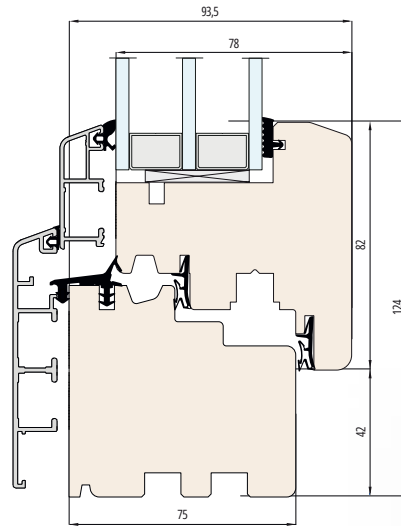
layers of glued
wood

4

layers of varnish

2 15/16"

construction
depth [inches]





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



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.



PROFILE WITH THERMAL BREAK



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 factor (window) *glazing only	U-Factor (frame)	Number of seals	Building Depth	Available solutions
Presto	-	0.99	2	1 ^{15/16"}	-
Unico	0.23 *0.11	0.42	-	2 ^{3/4"}	+, HI
Unico XS	0.17 *0.12		3	2 ^{3/4"}	+

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

HI Insulated variant

HIDDEN HINGES ROTO NT DESIGN



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

SYSTEM PRESTO



0.99

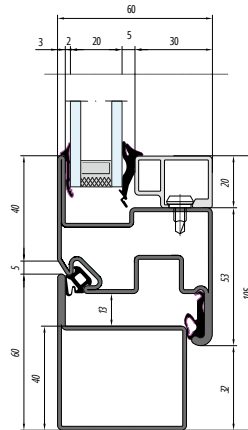
U-Factor (frame)

2

gaskets

1 15/16"

construction
depth [inches]



Profile without
a thermal break

SYSTEM UNICO

0.23

U-Factor (window glazing only = 0.11 (aluminum spacer bar)

0.42

U-Factor (frame)

-

gaskets

2 3/4"

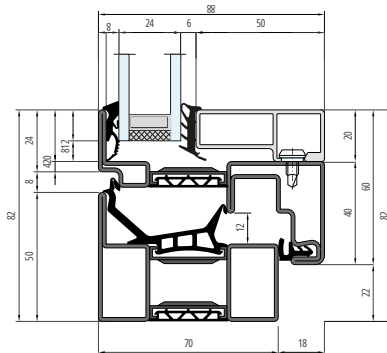
construction depth [inches]



Profile with a thermal break

HI

Insulated variant



SYSTEM UNICO XS



0.17

U-Factor (window)
glazing only = 0.12
(aluminum spacer bar)

3

chamber

3

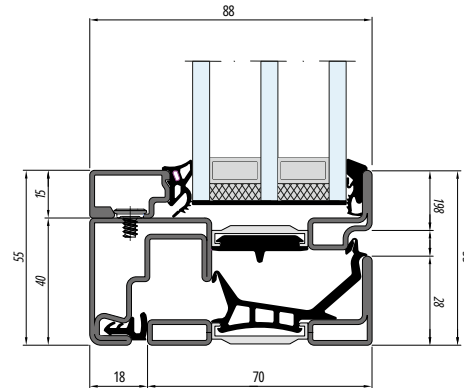
gaskets

2 3/4"

construction
depth [inches]



Profile with
a thermal break



SYSTEM UNICO XS CASEMENT

0.18

U-Factor (window glazing only = 0.09 (warm spacer bar)

2

gaskets

3

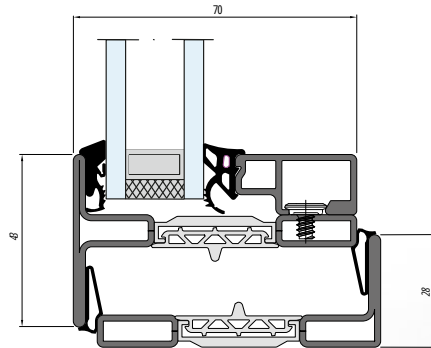
chambers

2

construction depth [inches]



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



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.

DOUBLE-GLASS PACKAGE



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 glazing U-factor

THREE-GLASS PACKAGE



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 U_g heat transfer coefficient.

FOUR-GLASS PACKAGE



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



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

SAFE GLASS



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

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.

FIRE PROTECTION GLASS



Fire-resistant glass available in fire resistance class EI30 (20 mm thick) or EI60 (25 mm thick). The fire-resistant pane is made of toughened glass panes with a colorless hydrogel between them.

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 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.



Clear



Mirastar



Parsol brown



Parsol grey



Parsol green



Stopsol brown



Stopsol classic grey



Stopsol Supersilver Clear



Satinovo Mate



Planibel Dark Grey



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.



Altdeutsch white



Altdeutsch brown



Chinchila blanc



Chinchila brown



Crepi white



Delta white matt



Delta white



Delta brown



Flutes white

DECORATIVE GLASS



Kathedral white



Master-Ligne



Master-Carre



Master-Point



Monumental M



Kura white



Niagara white



Niagara white matt



Partially blasted



Stadip 33.1 PVB Mat



Kura brown



Silvit white



Silvit brown



Waterdrop

MUNTINS

INNER GLASS MUNTIN



I	II	III	IV
8mm	18mm	26mm	45mm

BLIND INTERNAL GLASS MUNTIN



I	II	III
20mm	24mm	30mm

GLUED MUNTIN



company	I	II	III
ALUPL AST	26mm	46mm	66mm
SAL AMANDER	27mm	45mm	65mm
GEAL AN	23mm	33mm	43mm

VIENNA MUNTIN



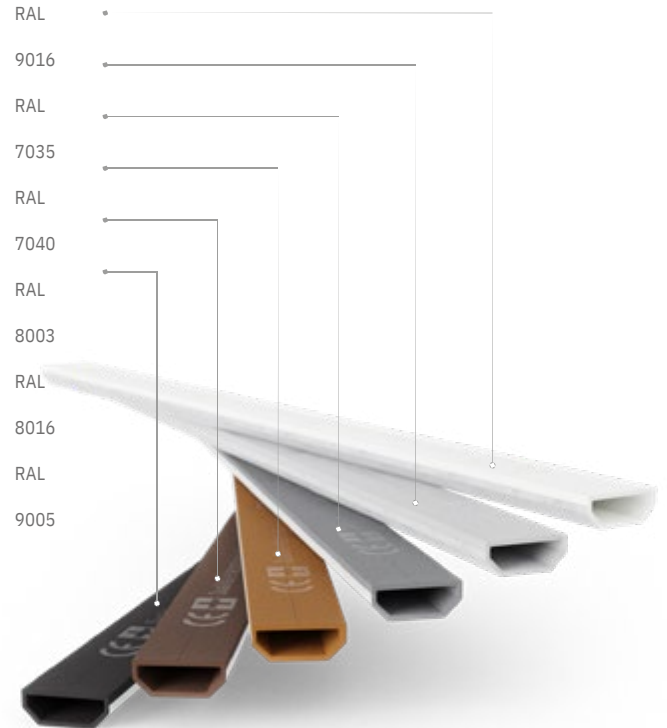
company	CROISIL-LONS	I	II	III
ALUPL AST	Collé	26mm	46mm	66mm
	Aveugle	20mm	30mm	30mm
SAL AMANDER	Collé	27mm	45mm	65mm
	Aveugle	20mm	30mm	30mm
GEAL AN	Collé	23mm	33mm	43mm
	Aveugle	20mm	30mm	30mm

*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

ALU



KWADRO



NEW YORK



TOKYO



HAMBURG



MOONLINE



TOULON



OVERTURE LOCK



LUXEMBOURG



DUBLIN/DUBLIN
DE LUXE



VIC TORY



SKG** 1005A



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.

TBT 1005A



FKS 1006



ROTO



ATLANTA



VENTILATORS AND WINDOW SILLS

HUMIDITY CONTROLLED AIR VENTILATOR



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

PRESSURE DIFFUSER



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

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.

INTERNAL WINDOW SILLS

PVC



Made of PVC material.

WOODEN



Made of wood.

WINDOW SILLS EXTERNAL

aluminum



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 3' 3" 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 aluminum. The available colors of the guides are white, anthracite and natural anode EV1 (silver).



DOOR

TYPES 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 13/16" 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 solution.

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 13/16" 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 13/16"-high threshold. Versions without a threshold or with a drop-down seal are 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 color 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



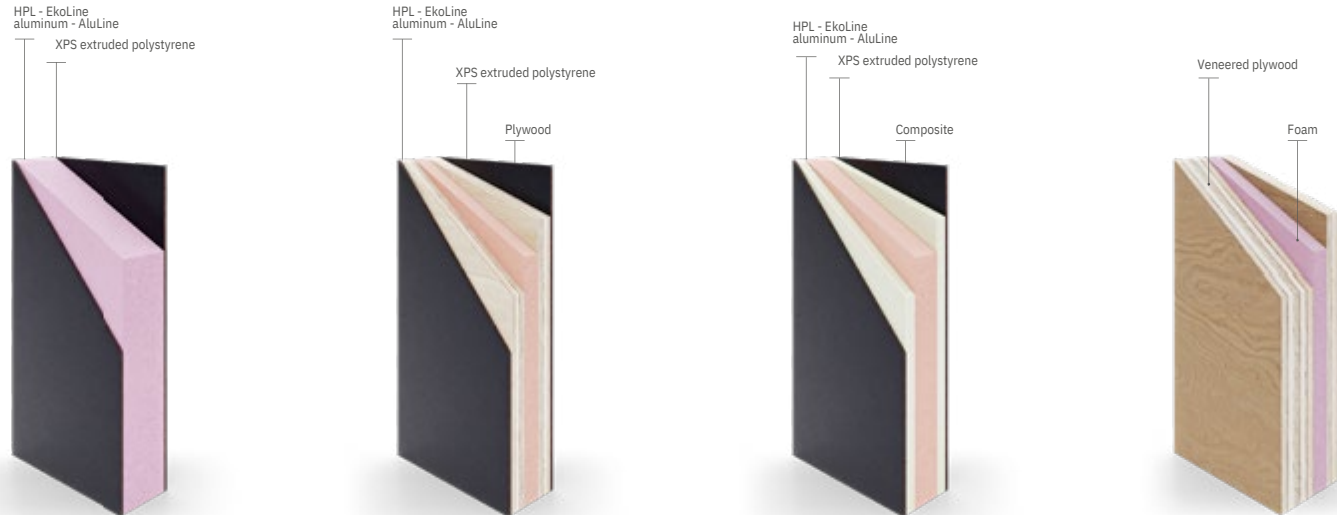
The modern line of patterns ensures style, and the laminated glass provides the highest security. Patterns are placed on one of the glass panes through a detailed sandblasting process which ensures the durability of this solution.

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 15/16" to 1 7/8" will ensure thermal and acoustic properties at the expected level.

PANEL variants:



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 1 7/16". 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

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 15/16" and 1 7/16". 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 $15/16''$, $1\ 7/16''$ or $1\ 7/8''$. 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 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.



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 1 7/16", 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

ROLLER HINGES



Available hinges: SFS, Wala WR

HIDDEN HINGES



Hinges available: KFV AXCENT

DOOR BOLTS



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

GEAR DRIVERS



Available engines: G-U Security Automatic

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

HANDLE
VIC TORY



HANDLE
NEW YORK



HANDLE
GREENTEQ



HANDLE
PLUTON



HANDLE
JOWISZ



KNOB
FKS 1080



HANDLE
PLUTON



PULL HANDLE
M1



PULL HANDLE
M2



PULL HANDLE
P GREENTEQ



PULL HANDLE
P1



PULL HANDLE
P5



DOOR HANDLES AND HANDRAILS

PULL HANDLE
P8



PULL HANDLE
P10



PULL HANDLE
P45B



PULL HANDLE
P45



SERIE
S
DP30



SERIE
S
DP40



SERIE
S
DP50



SERIE
S
DP60



SERIES
DP70



SERIES
DP80



SERIES
DP90



SERIES
DP100



SERIES
DP110



SERIES
DP200



SERIES
DP210



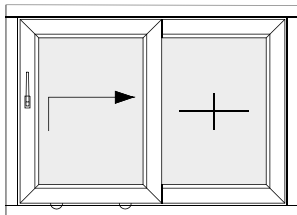
SLIDING SYSTEMS

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.

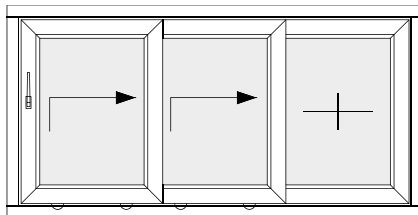
5

AVAILABLE SOLUTIONS

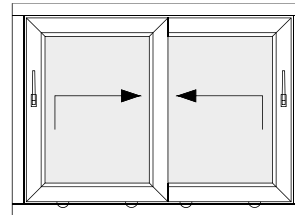
Scheme A



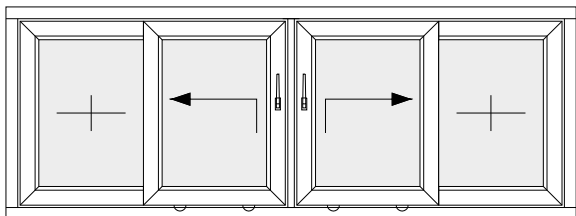
Scheme An



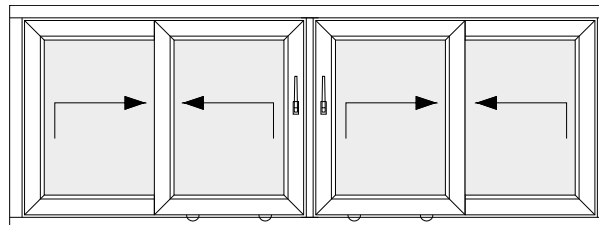
Scheme D



Scheme C

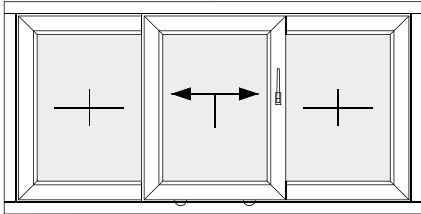


Scheme F

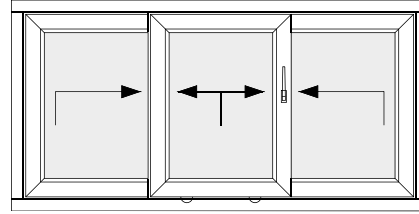


AVAILABLE SOLUTIONS

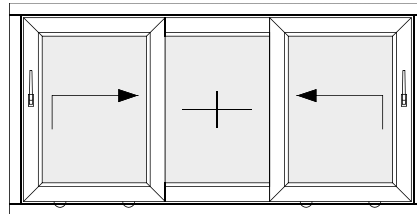
Scheme G



Scheme H



Scheme K

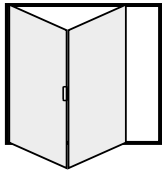


VARIANTS OF FOLDING SYSTEMS

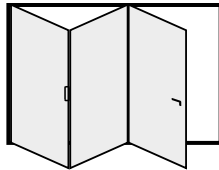
VARIANTS OF FOLDING SYSTEMS

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.

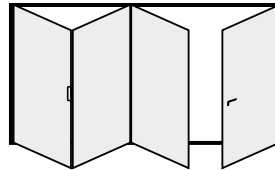
220



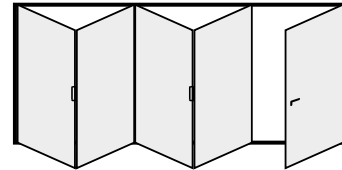
330



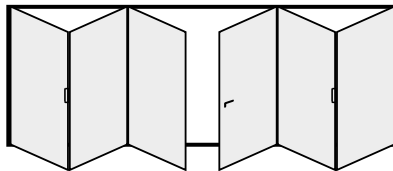
431



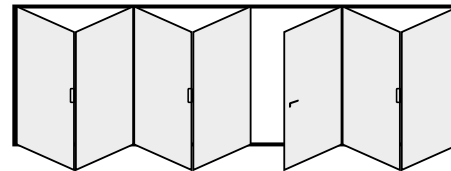
541



633



743







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	Running tracks	Width	construction depth [inches]	Available solutions	Available schemes
PATIO TILT AND SLIDE SYSTEM (PSK)	8ft 2.5in	1	5ft 3in	2 3/4" - 3 5/8"	R, M, A	-
FOLDING SYSTEM IDEAL 4000	7ft 10.5in	1	2ft 11.5in	2 3/4"		-
SLIDING DOOR SYSTEM EASY SLIDE ST 60	7ft 6.5in	2	4ft 3in	1 15/16"		A, D
SLIDING DOOR SYSTEM MULTI SLIDE ST 80	7ft 10.5in	2-3	5ft 11in	3 1/8" - 6 11/16"		A, An, C, D
SLIDING DOOR SYSTEM SMART SLIDE	8ft 2.5in	1	4ft 11in	5 1/2"		A, C
LIFT AND SLIDE SYSTEM HST 70	8ft 2.5in	1-2	9ft 10in	6 11/16"		A, C, D, G, K
LIFT AND SLIDE SYSTEM HST 85	8ft 6in	1-2	11ft 6in	7 3/4"	A	A, C, D
LIFT AND SLIDE SYSTEM EVOLUTIONDRIVE 82	8ft 6in	1	9ft 10in	7 5/8"		A, C, K
LIFT AND SLIDE SYSTEM EKOSUN HST	8ft 6in	1	9ft 10in	7 3/4"		A
LIFT AND SLIDE SYSTEM GEALAN HST	8ft 6in	1	9ft 10in	7 1/2"		A

M Monoblock profile **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

98.4

Structure height
[inches]

1

Running tracks

63

Width
[inches]

2 3/4 - 3 5/8

construction
depth [inches]

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.

R

Renovation

M

Monoblock

A

Aluminum cover

FOLDING SYSTEM **IDEAL 4000**

94.5

Structure height
[inches]

1

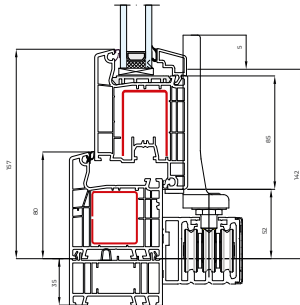
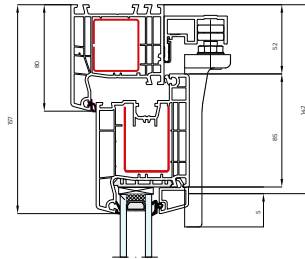
Running tracks

35.5

Width
[inches]

2 3/4

construction
depth [inches]



SLIDING DOOR SYSTEM **EASY SLIDE ST 60**



90.5

Structure height
[inches]

2

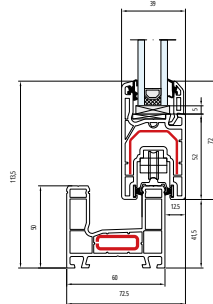
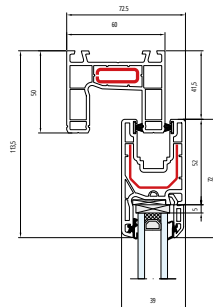
Running tracks

51

Width
[inches]

1 15/16

construction
depth [inches]



Scheme A

Scheme D

SLIDING DOOR SYSTEM MULTI SLIDE ST 80

94.5

Structure height
[inches]

2-3

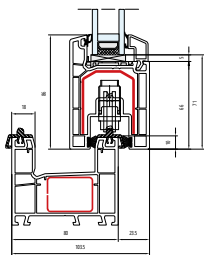
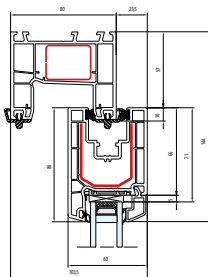
Running tracks

71

Width
[inches]

3 1/8 - 6 11/16

construction
depth [inches]



A

Aluminum cover

Scheme A

Scheme An

Scheme C

Scheme D





SLIDING DOOR SYSTEM **SMART SLIDE**

98.4

Structure height
[inches]

1

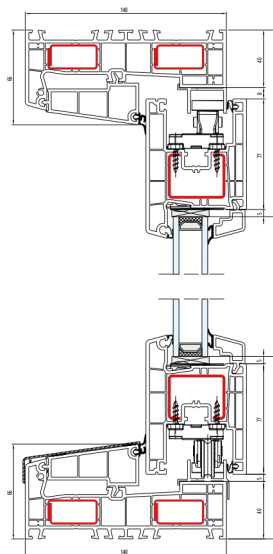
Running tracks

59

Width
[inches]

5 1/2

construction
depth [inches]



Scheme A

Scheme C

LIFT AND SLIDE SYSTEM HST 70

98.4

Structure height
[inches]

1-2

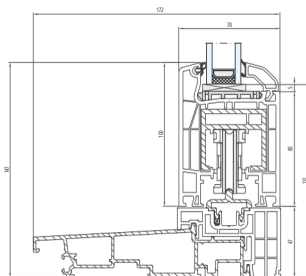
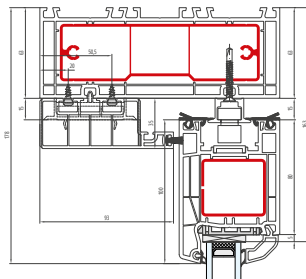
Running tracks

118

Width
[inches]

6 11/16

construction
depth [inches]



Scheme A

Scheme C

Scheme D

Scheme G

Scheme K



LIFT AND SLIDE SYSTEM HST 85

102

Structure height
[inches]

1-2

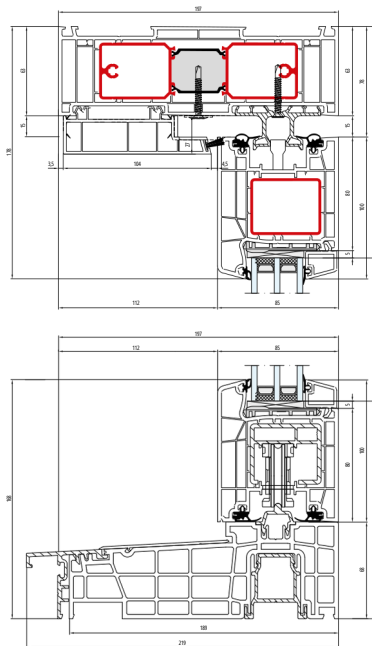
Running tracks

138

Width
[inches]

7 3/4

construction depth
[inches]



A

Aluminum cover

Scheme A

Scheme C

Scheme D

LIFT AND SLIDE SYSTEM **EVOLUTIONDRIVE 82**

102

Structure height
[inches]

1

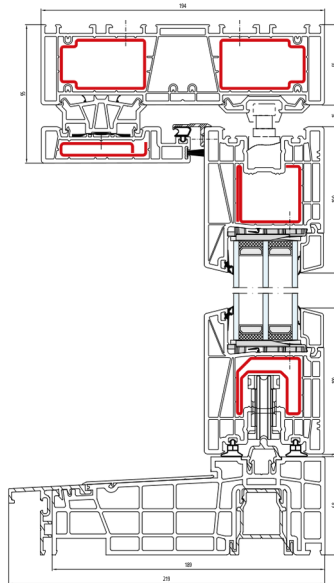
Running tracks

118

Width
[inches]

7 5/8

construction
depth [inches]



Scheme A

Scheme C

Scheme K



LIFT AND SLIDE SYSTEM **EKOSUN HST**

102

Structure height
[inches]

1

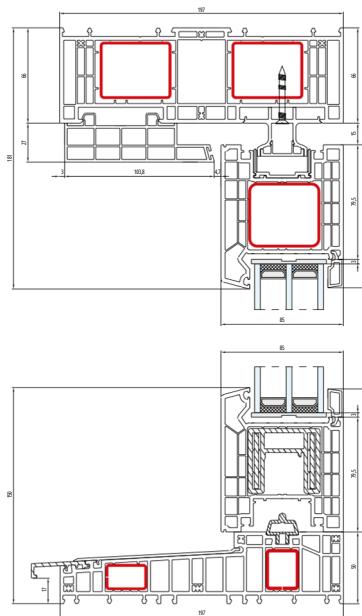
Running tracks

118

Width
[inches]

7 3/4

construction depth
[inches]



Scheme A

LIFT AND SLIDE SYSTEM **GEALAN HST**

102

Structure height
[inches]

1

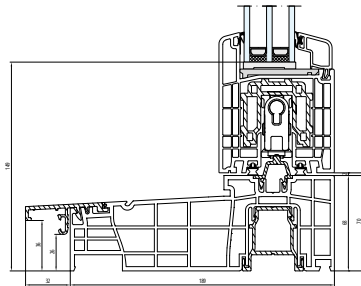
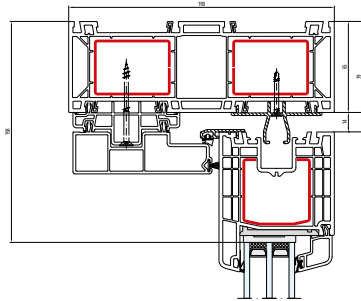
Running tracks

118

Width
[inches]

7 1/2

construction
depth [inches]



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	Running tracks	Width	construction depth [inches]	Available solutions	Available schemes
MB-Slide	8ft 6in	2-3	5ft 11in	1 15/16 & 2 5/8	R	A, C, D, H, N
MB-59 HS	9ft 6in	1-3	10ft 6in	4 3/4 & 7 13/16	HI	A, C, D, G
MB-77 HS	10ft 10in	1-3	10ft 10in	6 7/8 & 10 11/16	HI, 90o	A, Ag, C, D, G
MB-86 Fold Line	10ft 10in	-	3ft 3in	3 1/16	-	-
Panorama	8ft 2.5in	-	3ft 11in	2 15/16	-	-
Modernslide	7ft 10.5in	2-3	4ft 7in	2 9/16	M	A, D, F, H
Visioglide	8ft 6in	2-3	9ft 10in	4 5/8 & 7 5/16	HST/SLIDE	A, C, D
Ultraglide	10ft 2in	2-3	7ft 10.5in	6 1/32 & 9 7/16	I, I+	A, C, D, G
Ultraglide MAX Light Monorail	9ft 2in	1	8ft 6in	6 15/16	+	A, C, G
Slide Glass	8ft 6in	3-5	3ft 8.5in	2 3/4	-	-
Decalu 163 Slide	11ft 10in	2	11ft 6in	6 7/16	-	A, C, D
Decalu 88 Folding doors	9ft 2in	-	3ft 11in	3 7/16	-	-
Cor Vision	9ft 10in	2-3	8ft 2.5in	7 3/16	-	-
Cor Vision Plus	13ft 1.5in	2-3	13ft 1.5in	10 15/16	-	-
Cor Vision Galandage	9ft 10in	3	5ft 3in	1 15/16 & 2 5/8	-	-
Master Patio	11ft 6in	2-3	-	4 9/16 & 7 3/16	-	-

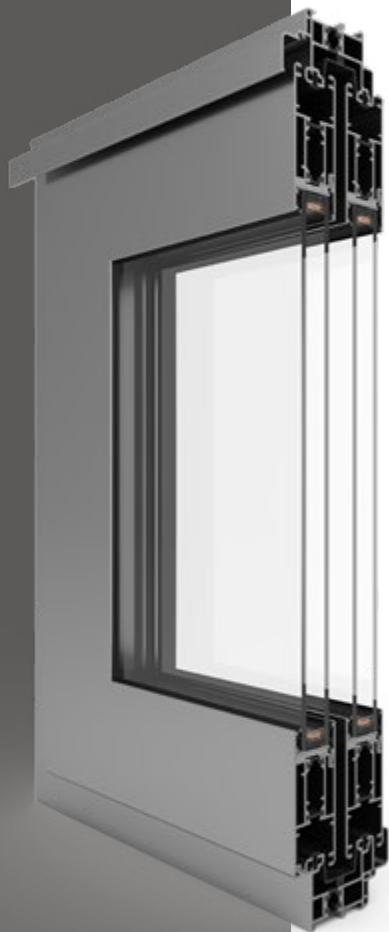
The width of the sash refers to the maximum value while maintaining the equal division of sashes in the structure.

R Renovation variant
M Monoblock profile

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



MB-SLIDE



102

Structure height
[inches]

2-3

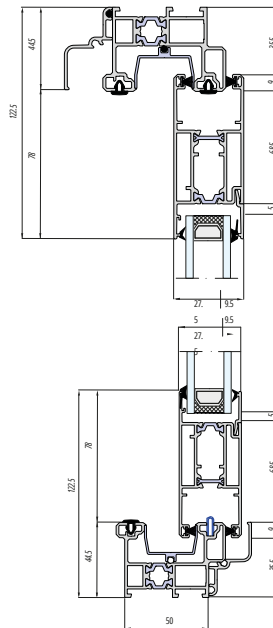
Running tracks

71

Width
[inches]

1 15/16 & 2 5/8

construction
depth [inches]



+

With a thermal break

R

Renovation profile

Scheme A

Scheme C

Scheme D

Scheme H

Scheme N

MB-59 HS

114

Structure height
[inches]

1-3

Running tracks

126

Width
[inches]

4 3/4 & 7 13/16

construction
depth [inches]



With a thermal break

HI

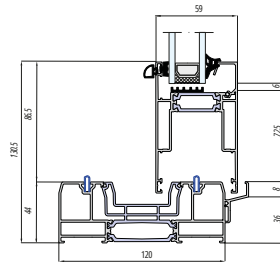
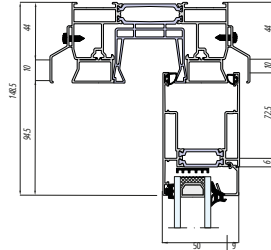
Insulated variant

Scheme A

Scheme C

Scheme D

Scheme G



MB-77 HS



130

Structure height [inches]

1-3

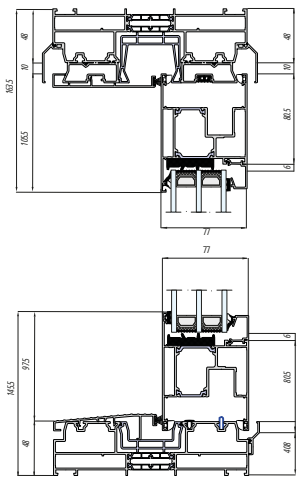
Running tracks

130

Width [inches]

6 7/8 & 10 11/16

construction depth [inches]



+

With a thermal break

90°

Pivot window

HI

Insulated variant

Scheme A

Scheme Ag

Scheme C

Scheme D

Scheme G

PANORAMA

98.4

Structure height
[inches]

-

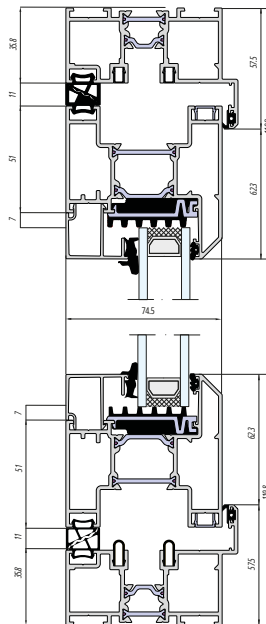
Running tracks

47

Width
[inches]

2 15/16

construction
depth [inches]



With a thermal break

MODERNSLIDE

aliplast

94.5

Structure height
[inches]

2-3

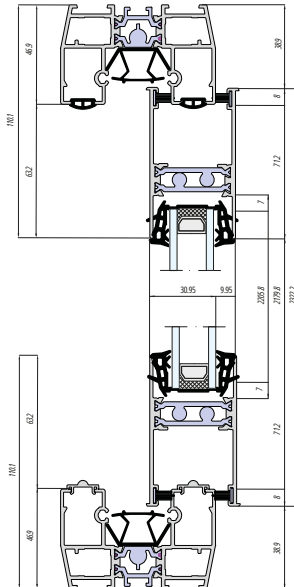
Running tracks

55

Width
[inches]

2 9/16

construction
depth [inches]



With a thermal break

M

Monoblock profile

Scheme A

Scheme D

Scheme F

Scheme H



VISOGLIDE

102

Structure height
[inches]

2-3

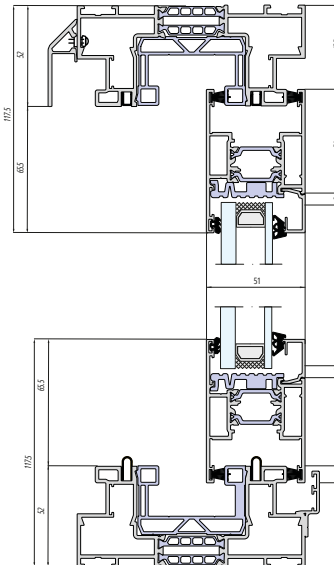
Running tracks

118

Width
[inches]

4 5/8 & 7 5/16

construction
depth [inches]



With a thermal break

Scheme A

Scheme C

Scheme D

ULTRAGLIDE

aliplast

122

Structure height
[inches]

2-3

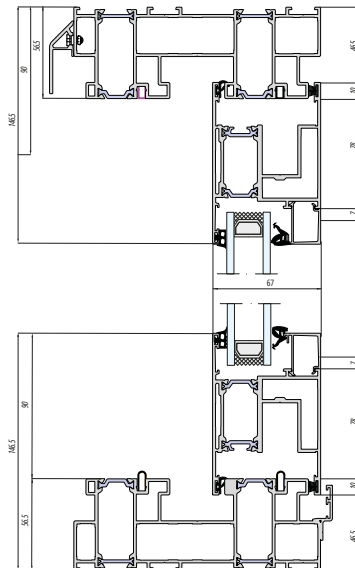
Running tracks

94.5

Width
[inches]

6 1/32 & 9 7/16

construction
depth [inches]



I+

Insulated variant

Scheme A

Scheme C

Scheme D

Scheme G



SLIDE GLASS

aliplast

102

Structure height
[inches]

3-5

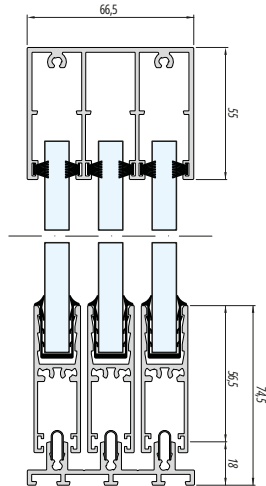
Running tracks

44.5

Width
[inches]

2 3/4

construction
depth [inches]



DECALU 163 SLIDE

142

Structure height
[inches]

2

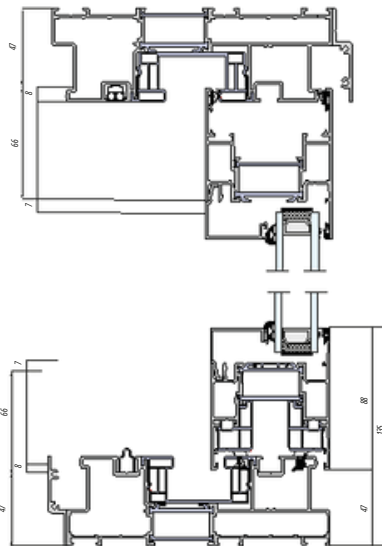
Running tracks

138

Width
[inches]

6 7/16

construction
depth [inches]



With a thermal break

Scheme A

Scheme C

Scheme D

DECALU 88 FOLDING DOORS

deceuninck

110

Structure height
[inches]

-

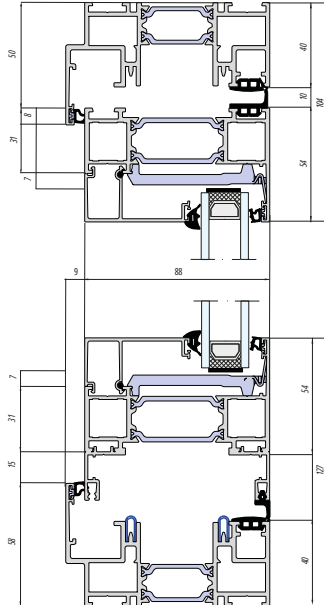
Running tracks

47

Width
[inches]

3 7/16

construction
depth [inches]



With a thermal break



COR VISION

118

Structure height
[inches]

2-3

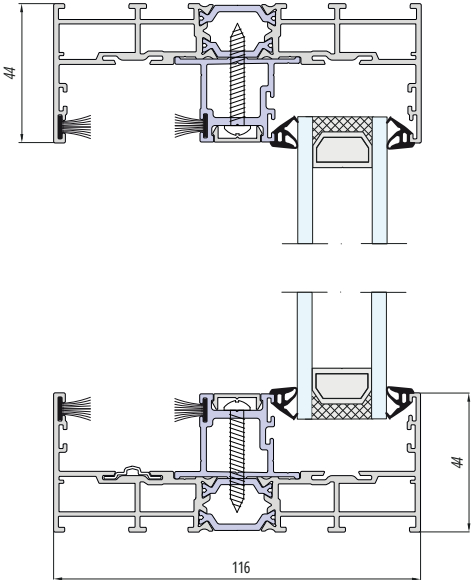
Running tracks

98.5

Width
[inches]

7 3/16

construction
depth [inches]



COR VISION PLUS



157.5

Structure height
[inches]

2-3

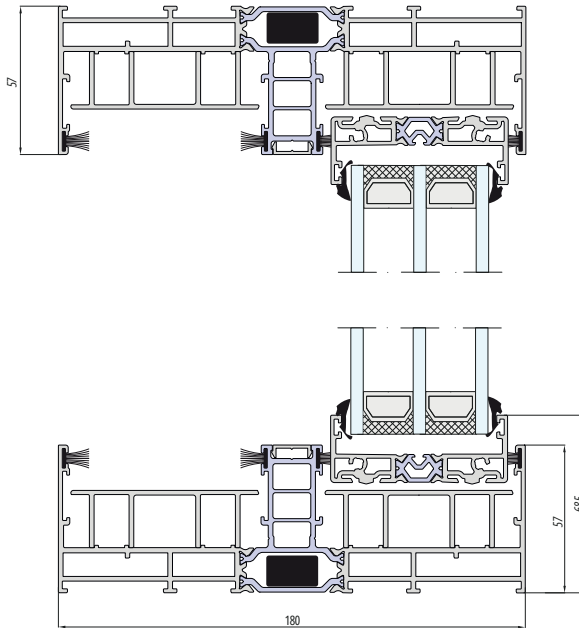
Running tracks

157.5

Width
[inches]

10 15/16

construction
depth [inches]



COR VISION GALANDAGE*

118

Structure height
[inches]

3

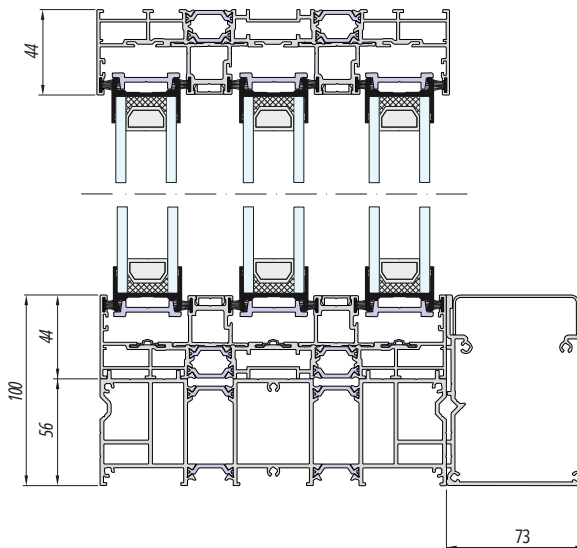
Running tracks

63

Width
[inches]

1 15/16 & 2 5/8

construction
depth [inches]



*Requires linear drainage

MASTERPATIO

138

Structure height
[inches]

2-3

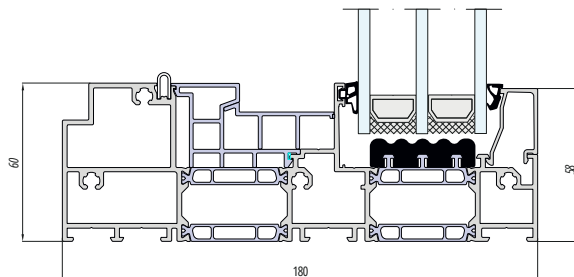
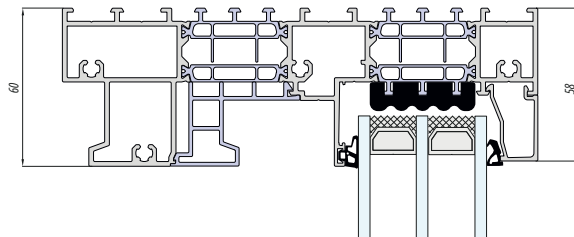
Running tracks

-

Width
[inches]

4 9/16 & 7 3/16

construction
depth [inches]





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	Running tracks	Width	construction depth [inches]	Available solutions	Available schemes
Naturo 68	9ft 2in	2	7ft 10.5in	6 7/16	-	A, C, D
Naturo 76	9ft 2in	2	7ft 10.5in	7 1/16	-	A, C, D

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



NATURO 68 HST

110

Structure height
[inches]

2

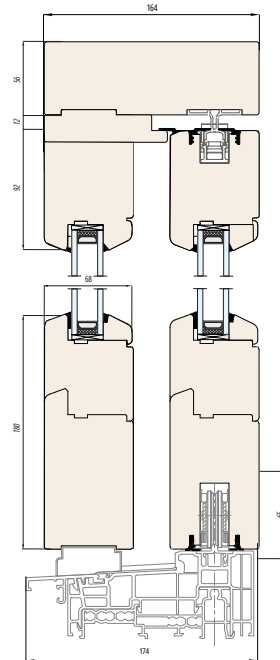
Running tracks

94.5

Width
[inches]

6 7/16

construction
depth [inches]



Scheme A

Scheme C

Scheme D

NATURO 76 HST

110

Structure height
[inches]

2

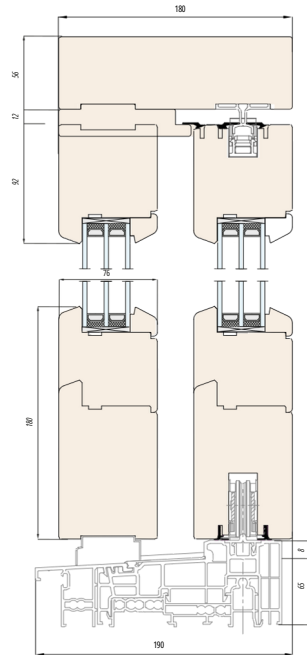
Running tracks

94.5

Width
[inches]

7 1/16

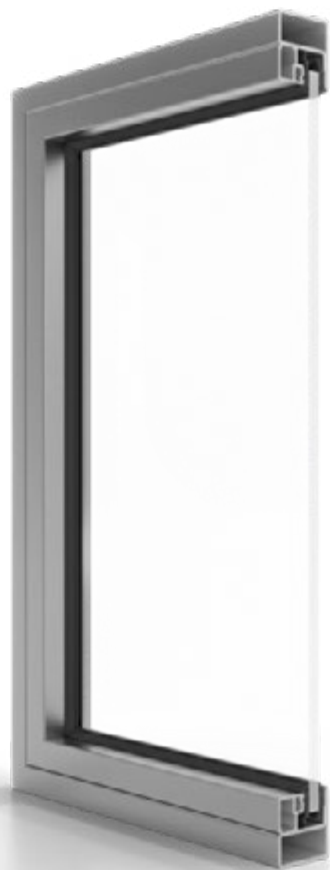
construction
depth [inches]



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

98.5

Structure height
[inches]

1

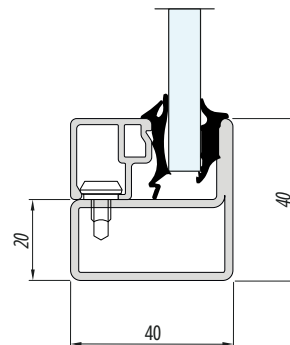
Running tracks

59

Width
[inches]

1 9/16

construction
depth [inches]







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 control 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).





WINDOW COVERS ROLLER SHUTTERS AND FACADE BLINDS

A wide selection of window covers that may be installed during the project implementation and as adaptations in existing buildings. The type of the end solution depends on the requirements and functions to be fulfilled by the installed covers. Window covers allow for complete darkening of the room, protect against weather conditions and can perform anti-burglary functions. Façade blinds ensure full intimacy inside the room and a high range of light regulation through the movable mechanism of the lamellae. If you need protection against weather conditions, window shutters will be the right choice.

6

ADAPTIVE ROLLER SHUTTERS

SHUTTER
SK 45



A system with a characteristic box cut at an angle of 45 degrees from the outside. The perfect solution for people who prefer finishing elements with sharp, geometric shapes. The roller shutter is intended for installation directly on the façade of the building and in a recess on the window frame.

SHUTTER
SK 90



A system whose aluminum box is distinguished by a rounded shape. As in the case of other adaptive roller shutters, the coatings are made in PU / PA technology, thanks to which durability and extraordinary resistance to weather conditions and abrasion are ensured.

SHUTTER
SKO-P



A simple upper part of the box allows for proper adjustment to the window recess, and the rounded outer part is an aesthetic complement to the side visible after its installation.

ADAPTIVE **ROLLER SHUTTERS**

SHUTTER
SKP



The simple upper part of the system allows for easy fitting in the window frame. Its rounded external part is an aesthetic addition that will be presenting itself after installation.

ANTI-BURGLARY ROLLER SHUTTERS
SAR



Created for people who value their own and their relatives' safety. The burglary resistance classes (RC2 or RC3 depending on the selected armor) have been confirmed by an appropriate certificate by the IFT Rosenheim Institute.

TOP-MOUNTED ROLLER SHUTTER

ROLLER SHUTTER
SKB Styroterm



The system has been designed to completely enclose the box in thermal insulation, thanks to which it remains an imperceptible element of the building façade.

ROLLER SHUTTER
OPOTERM



The roller shutter system is characterized by high thermal insulation and the possibility of ensuring high static parameters. Thanks to this, it is possible to use this roller shutter on large surfaces, i.e. to do something unattainable with most of other systems. Additionally, the system can be equipped with an insect screen integrated with the box.

ROLLER SHUTTER
ELITE XT



A system with elements of the box x invisible from the inside the rooms. It can be installed with windows and HST sliding systems. The functionality of this roller shutter can also be increased by choosing an integrated mosquito net.

TOP-MOUNTED **ROLLER SHUTTER**

ROLLER SHUTTER
EXAKT



The use of this system improves thermal and acoustic insulation, which affects the amount of saved thermal energy. It has an inspection opening on the front side without the possibility of changing the access place to the internal part of the box. Possible plastering of the box from the outside.

ROLLER SHUTTER
EXPERT XT



A classic system of top-mounted roller shutters that allows easy access to its elements from inside the room, from the front or from the bottom. It provides increased thermal and acoustic insulation throughout the year including significant energy savings during winter. In addition, it also has the option of installing a mosquito net.

ROLLER SHUTTER
CLEVERBOX



The system is characterized by good static parameters and thermal insulation. Additionally, thanks to the grooved front plates, there is no need for additional plaster carriers in case of mounting the roller shutter either on the inside, or the outside.

TOP-MOUNTED ROLLER SHUTTER

ROLLER SHUTTER CLEVERBOX SOFT



The system provides excellent protection against external factors and significantly improves the thermal insulation of the building, as well as increases the sound insulation, significantly reducing the noise level in the rooms. A recognizable and particularly characteristic feature of the system is the rounded inspection cover on the inside of the room.

ROLLER SHUTTER ROKA-TOP 2



The system is technologically advanced solution, ideally suited to new and renovated buildings with high thermal insulation. Improved in the area of the lintel, it has a tight inspection opening from the side of the room.

ROLLER SHUTTER ROKA-TOP 2RG



The system has a revision opening from the outside, so it can be freely used over windows with greater installation depth, including HST systems. This roller shutter has advanced technological solutions as a high-tech solution for low power-consuming buildings.

FLUSH-MOUNTED **BLINDS**

ROLLER SHUTTER **EXTE NEO XT**



The modern Exte Neo XT top-mounted system is an ideal solution for people who appreciate simple assembly and good insulation. Thanks to the box made of polystyrene, the roller shutter effectively retains heat and protects against noise. Installation is easy thanks to the universal system of adapters that allow you to attach the roller shutter to any type of window.

ROLLER SHUTTER **QUADBOX**



A characteristic feature of the system is the bottom revision cover which facilitates service work. It is available in a corrugated PVC version (QuadBox hybrid), thanks to which the high rigidity is maintained, or in an aluminum version (QuadBox mono).

ROLLER SHUTTER **SP-E**



The system is intended mainly for installation in newly erected buildings. The method of installation makes the roller shutter an integral part of the façade. It also provides excellent thermal insulation due to the lack of interference with the joinery and lintels.

LINTEL ROLLER SHUTTER

ROLLER SHUTTER **SDZ**



The SDZ system is an ideal solution for renovation of existing buildings whenever there is a need to replace the old roller shutters using lintel boxes. The design of this system allows for quick and trouble-free installation on existing surfaces.

ROLLER SHUTTER **SKN**



A set of elements that fits many types of lintel roller shutter boxes. The solution is used in the need to replace old roller shutters with the use of a lintel box.

*sample construction- the box is not included in the set.

SCREEN BLINDS

ROLLER SHUTTER **SCREEN**



Room blackout blinds, most often used in offices. The screen makes it possible to make shutters with surfaces that are unattainable with traditional roller shutters. The choice of fabrics used allows not only to match the color of the building façade, but also to determine the maximum shade. The system is also available in a version that provides protection against insects.

FAÇADE BLINDS

FAÇADE BLINDS BASIC



An universal system of façade blinds. This feature is ensured by adjusting the upper rail holders and the telescopic guide holders. Thanks to them, it can be easily installed in existing and planned buildings - in an adaptive and top-mounted system.

FAÇADE BLINDS RAFF -I



A modern system with a bent aluminum box. Available in a visible version and in a top-mounted version. The simplicity of installation and the characteristic bend on the outer wall of the box create an interesting alternative to other similar systems. The product is constructed on the basis of extensive technical knowledge, thanks to which the blinds are easy to measure and their installation does not take much time.

FAÇADE BLINDS RAFF -E



A modern system with an aluminum box, ensuring its increased stability. Installation of the system is possible in an adaptive and top-mounted system.

FAÇADE BLINDS

FAÇADE BLINDS SKB



Created to protect against sun, wind and moisture. The main element of the system is a box made of high-quality insulating material - Styroterm, which has very good thermal properties. SKB blinds can be combined with any type of finish, creating an integral whole with the wall.

FAÇADE BLINDS SKEF



A system with a characteristic box cut at an angle of 45 degrees from the outside. A perfect solution for people who prefer finishing elements with sharp, geometric shapes. The façade blind is intended for installation directly on the façade of the building and in a recess on the window frame thanks to the universal shape of the box.

FAÇADE BLINDS ROKA TOP 2 SHADOW



Excellent parameters in terms of protection against sun, wind and moisture with simultaneous attention to the energy balance of the building. Thanks to additional reinforcements, such as steel mesh "embedded" in the insulation material, and the possibility of using static consoles, it is the most stable box of its type on the market.

FAÇADE BLINDS

FAÇADE BLINDS CLEVER BOX



The system is distinguished by high thermal and acoustic insulation parameters due to its unique structure and the quality of the components used. As the only one of the top-mounted systems, it can be outfitted with Z-type lamellae, guaranteeing full darkening of the room. The shutter also allows to choose an integrated mosquito net.

FAÇADE BLINDS ELITE XT



A convenient system that, thanks to its design, provides high thermal and acoustic insulation. These features save significant amounts of energy in colder seasons and provide comfort to users both in summer and winter.

ALUMINUM SHUTTERS

ALUMINUM SHUTTERS

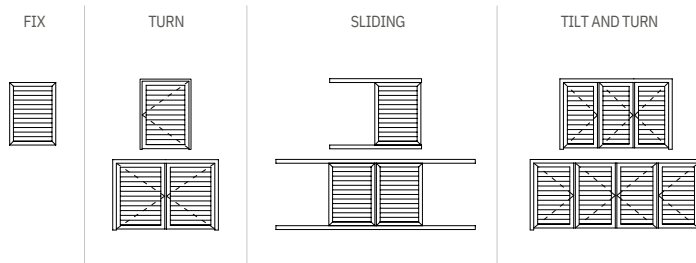
A solution combining durability of aluminum and traditional design of shutters. Adding them to windows and doors will ensure a unique look, guarantee effective protection, and give a unique style to the whole house. Each shutter is made of the highest quality aluminum, which guarantees the best protection against external conditions and durability for years. It consists of a thick, extruded frame filled with aluminum lamellae. Parts of Cortizo, a reputable supplier, are used for production. These components are characterized by adequate stiffness with a light and slender structure.

TYPES OF SHUTTERS

Perfect solutions combining durability of aluminum and traditional design of shutters. Adding them to windows and doors will ensure a unique look, guarantee effective protection, as well as a unique style of the entire house.

SHUTTER DIMENSIONS

maximum width (L)	5ft
maximum height (H)	8ft
maximum sash weight	143lbs
frame depth	1 7/8"
sash depth	1 9/16"
wall thickness of the window profile	1/16"
wall thickness of the door profile	1/16"



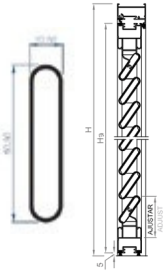
ALUMINUM SHUTTERS

LAMELAE TYPES

Construction of the shutter consists of a sash filled with lamellae, which, in the case of the turn-only and tilt and turn variants, is embedded in the frame. Due to the fact that they are made of aluminum, they are durable and resistant to weather conditions. They are light, slender and maintain adequate stiffness.

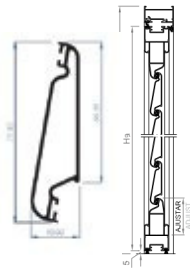
LAMELLES FIX

fixed horizontally at a
constant angle



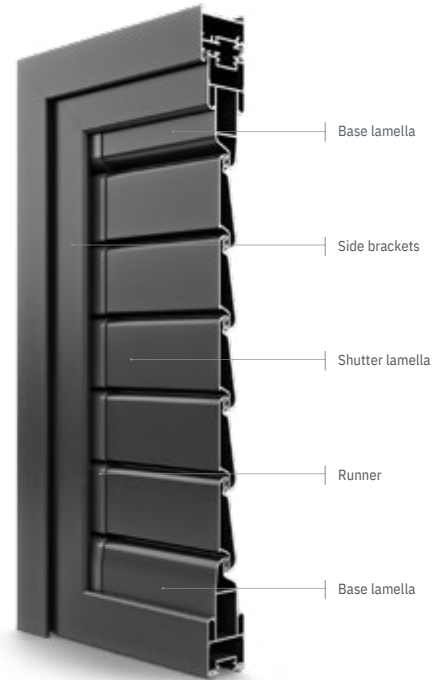
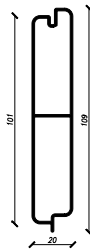
LAMELLES MOVING

movable with the possibility of
regulating the flow of light and air



PANNEAU STAVE

a plank panel with vertically
arranged lamellae





ACCESSORIES

WINDOW COVERS

Accessories that will make it easier to control the covers and give them additional functionalities. A wide selection of drives, pilots and switches.

ROLLER SHUTTER **ACCESSORIES**

ENGINES



Models: Somfy, Selve, Yooda

SWITCHES



Surface-mounted, flush-mounted

TRANSMITTERS



Models: SOMFY, YOODA

RETRACTORS



Surface-mounted, flush-mounted

CONTROL UNIT **SOMFY**



Tahoma Switch

REMOTE CONTROLS



Models: Somfy, Selve, Yooda





MOSQUITO NET

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



Standard frame system made of extruded aluminum and mounted on the window frame with dedicated mounting plates. Brush sealing is available.

FRAME MOSQUITO NET
PRIME FLAT



aluminum 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.

FRAME MOSQUITO NET
PRIME NL



Designed mainly for windows for the Dutch market, including the Ideal 7000 NL system. It is installed in the window light, using dedicated mounting plates.

WINDOW MOSQUITO NETS

FIXED MOSQUITO NET
MRS



The mosquito net is designed for installation in PVC windows and is available in woodgrain colors. 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.

FIXED MOSQUITO NET
MRSZ



A system designed for installation in flush aluminum windows. Woodgrain colors 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 90" x 78"

DOOR MOSQUITO NETS

DOOR MOSQUITO NETS



An excellent solution for entrance, balcony, and terrace doors. The width of the door, including the frame, is 31.5" . Specialized 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 aluminum protective plates and folded internal corners. No frame; there is only a leaf with 3 hinges as standard. Width 13/16"

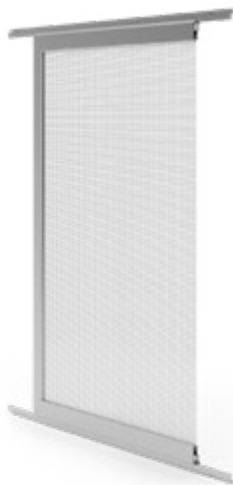
SLIDING MOSQUITO NETS

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.

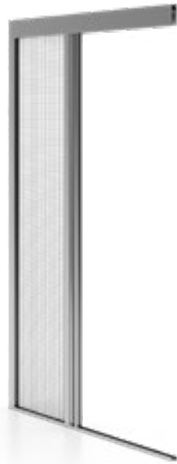
MOSQUITO NET CLICK-ROLL



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.

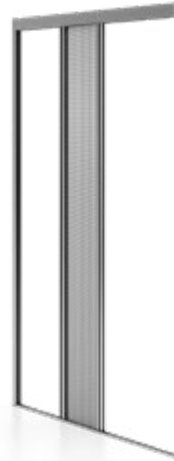
PLEATED MOSQUITO NETS

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 color black. Profile width 1/2"

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.

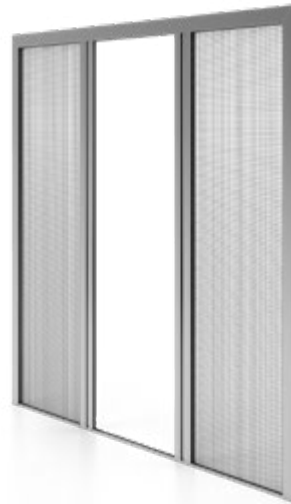
PLEATED MOSQUITO NETS

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 13/16" Can reach spans of up to 13ft.

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 19ft 8in wide and 10ft 6in 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 colors 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 aluminum profiles and stylish handles, these roller blinds look very aesthetically pleasing and fit into any interior.



SECTIONAL GARAGE DOORS

The available sectional door systems have high-quality components, including panels made of galvanized steel sheet and a well-developed sealing of the entire surface. The offered products guarantee proper operation even in tropical conditions, which makes them popular all over the world. A wide range of available colors, additional decorative applications and glazing allows you to match sectional doors even to the most demanding customers.



SECTIONAL GARAGE DOORS

INFINITY GARAGE DOOR WITH TENSION SPRINGS



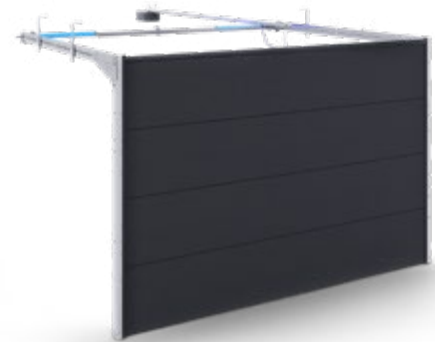
Tension springs are recommended for installation in small garages. Installation of doors with tension springs is extremely fast and does not require special winding of the springs. A mechanism of two springs was used here (the so-called "spring in a spring"), which allows the armor to bear a weight of up to 264lbs

INFINITY GARAGE DOOR WITH TORSION SPRINGS AT THE FRONT



Torsion springs are dedicated to large-size garages doors. They lift much more weight than the tension springs. Installation of doors with torsion springs at the front is possible when the lintel height is at least 7 7/8". The maximum weight of the gate is about 430lbs

INFINITY GARAGE DOOR WITH TORSION SPRINGS AT THE REAR



Location of the torsion springs at the rear part of the door allows it to be mounted to the garage opening with a lower lintel. In this case, it is sufficient for the lintel to be 3 3/8" (4 1/2" for an electric drive). Maximum lifting capacity up to approx. 430lbs

CURTAIN OF THE GARAGE DOOR

CURTAIN OF THE GARAGE DOOR

The door leaf is made of panels with heights: 19 11/16", 21 7/8" and 24 1/64"
Depending

on the height of the door, different panel heights are used. The manufacturer decides about the height of the panels used. 1 9/16" thick panels are made of galvanized steel sheet and additionally filled with CFC-free polyurethane foam. The panels are veneered or covered with polyester paints. A gasket adhering to the base is installed in the bottom panel. A seal mounted to the top panel or attached to the lintel provides a seal between the top panel and the lintel.



Smooth Woodgrain panel with low and high ribs



smooth panel with low and high ribs



ACCESSORIES **TO GARAGE DOORS**

The gate and the grille are, above all, safety. Thanks to add-ons, they become an impregnable fortress.

ACCESSORIES FOR GATES

DECORATIVE APPLICATIONS



Applications made of high-quality stainless steel give the garage door an exclusive expression and individual character.

ADDITIONAL GLAZING



Glazing of the garage doors allows light to flow inside the garage and increases the aesthetic value of the garage door. We offer glazing with a stainless-steel frame with glass or with a PVC frame with acrylic glass.

PASSAGE DOORS



In the garage door, they ensure the separation of pedestrian traffic from the traffic of means of transport. The advantage of this solution lies saving of thermal energy as a result of the lack of need to open the gate.

ACCESSORIES FOR GATES

EMERGENCY RELEASE



To the gate operator. Used when the gate is the only access to the garage.

TENSION RODS



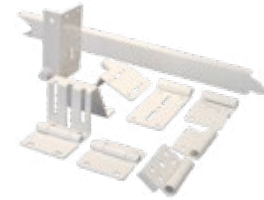
Elements for tensioning the torsion springs.

MASKING BLEND



An artificial lintel that masks the structure, using door panel materials.

VARNISHED HINGES



Varnished hinges, fittings and roller handles.

DOUBLE-SIDED HANDLE



Double-sided ABS plastic, black handle.

ALUMINUM SECTION



Half-flush shape of the profile.

SOMFY REMOTES



2-channel, 4-channel, 1-way.

WALL-MOUNTED TRANSMITTERS



2-channel RTS, SMOOVE IO.

ACCESSORIES FOR GATES

CODE KEYPADS



2-channel RTS, 2-channel RTS in a metal housing, Radio io.

KEY SWITCH



Surface-mounted and flush-mounted wired.

CONTROL UNITS



Connexoon Box-2, TaHoma.

SOMFY BATTERY



The battery allows to leave for work during a power failure. Autonomy: from 5 to 10 work cycles within 24 hours, depending on the characteristics of the garage door.





STEEL AND ALUMINUM FENCES

A fence is not only a way to ensure safety and privacy, but above all it is the crowning achievement of an investment, which is building a house. We offer high-quality, complete fence-spans, gates and wickets. All in ca. a dozen original designs, refined in every detail. The filling of the spans can be classic, simple or take on a more complex shape.



FENCES

A fence is not only a way to ensure safety and privacy, but above all it is the final touch of an investment, which is building a house. We offer high-quality, complete fence-spans, gates, and wickets. All in a dozen or so original designs, refined in every detail. The filling of the spans can be classic, simple or take on a more complex shape.

Standard, Elegance and Prestige - we offer fences made in three styles, which allows the customer to easily choose one that will perfectly harmonize with the surroundings. The more so that the fences can take any of the colors we offer. An additional advantage is the possibility of creating an individual project, adapted to the topography.

Regardless of the appearance and shape of the spans, all fences have one thing in common - solid workmanship. We offer galvanized steel and aluminum fences, which provide excellent corrosion protection.



DURABILITY



SECURITY



FUNCTIONALITY

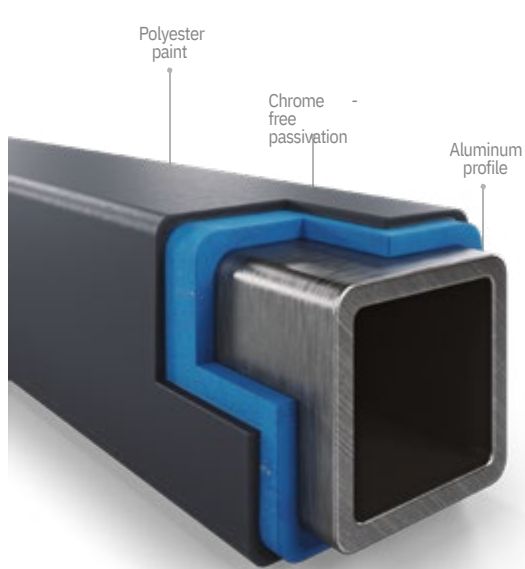


QUALITY



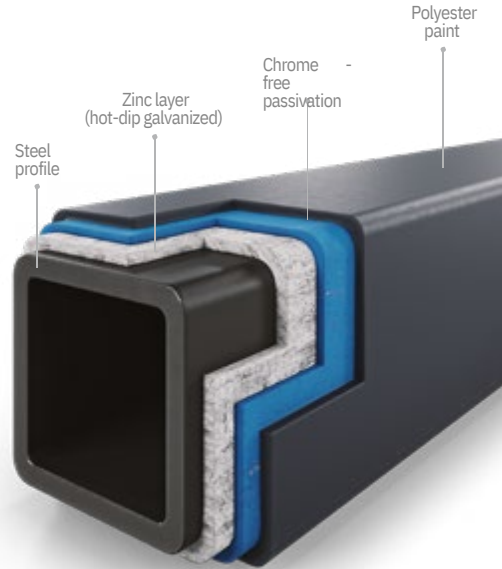
INDIVIDUALISM

ALUMINUM FENCING



The highest class of material is a guarantee of quality.

STEEL FENCING



Steel fences are hot-dip galvanized, which is an excellent anti-corrosion protection.

STEEL FENCING



PRIZZIEK .20.101



LUGANO EK .20.102



ISEO EK .20.103



OMODEO EK .20.104



TORBIDO EK .20.105



COMO EK .20.106



NAMBINO EK .20.107



MOLVENO EK .20.109



BOLSENA EK .20.110



VARANO EK .20.113

aluminum **FENCING**



PIATTO EK .20.101



LESINA EK .20.102



TRASIMENO EK .20.105



CAMPELLI EK .20.106



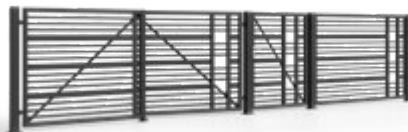
NEMI EK .20.107



MAULAZZO EK .20.108



MAGGIORE EK .20.109



BRACCIANO EK .20.110



VIVERONE EK .20.111



AVERNO EK .20.112



ACCESSORIES

FENCES

Fence accessories have an extremely important practical and decorative function.

ADDITIONS TO FENCES

SOMFY DRIVE



The gate can be equipped with a drive, thanks to which the user will be able to control it with a remote control. When connected to the appropriate control units, they can become part of the "smart home" installation.

SOMFY DRIVE



Sturdy, safe and effective drive for double- leafed gates. The product can be outfitted with an io-compatible drive that can work with io-based Somfy systems.

ADDITIONS TO FENCES

PHOTOCELLS



The safety of using our gates is guaranteed by photocells. Thanks to them, the gate stops immediately after detecting any obstacle in its path. Installation of photocells in the gate eliminates the risk of a vehicle passing through the gate.

SIGNAL LAMP



Reliable, easy-to-install warning lamps informing about closing and opening the gate. The great advantage of our lamps is their sealed housing. Thanks to it, all elements located under the shade are resistant to weather conditions.

LIGHTING LED



A LED lighting solution that is easy to install, power-efficient and resistant to hard weather. The lamps are available as elements placed in plugholes of posts, or as spotlights attached to posts. Design and functionality of lamps were specifically tailored to fences available in the offer.

ADDITIONS TO FENCES

BREVIS VENTAIR HANDLES AND HANDRAILS



Wickets, depending on particular demand, can be outfitted with handrails or handles. Breadth of our offer guarantees that they will match the aesthetics of the fence they complement.

MAILBOX



Letter boxes made of the highest quality materials. Mounted in a fence post or on a gate. The construction of the boxes ensures the safety of delivery.

HOUSE NUMBER



A house number that is resistant to weather conditions can be installed anywhere in the fence - on a post, gate or wicket. We also offer signs with the house number engraved with the street name.

ADDITIONS TO FENCES

VIDEO INTERCOM SOMFY V100+



A compact video intercom with a 4" color display allows to control the gate drive and the electric lock of the wicket. Additionally, thanks to the built-in 5-channel remote control, you can control Somfy devices in RTS technology.

VIDEO INTERCOM SOMFY V300



The V300 video intercom is designed for 1- and 2-family houses. Equipped with a color 7" indoor monitor, it allows to easily manage the gate and electric lock of the wicket as well as Somfy devices in RTS technology without leaving your home. The device has many additional functionalities that guarantee complete control over access and comfort of using the system.

VIDEO INTERCOM SOMFY V500



V500 is a next-gen video intercom with a touchscreen and a 5-channel remote control offering a functionality to store picture of calling people. It's equipped with a wide-lense camera and LED infrared nightvision. With a single tap on the V500 internal monitor you can operate multiple RTS-enabled Somfy devices.

A modern backyard terrace featuring a pergola with a slatted roof. A tall palm tree trunk is on the left. The floor is made of dark wood planks. In the background, there is a white wall with a dark-framed window and a white outdoor chair with a wooden seat. The scene is lit with soft, warm light, suggesting dusk or dawn.

PERGOLA

The backyard terrace is a place where social and family life is vibrant in spring and summer. The pergolas we manufacture offer several square meters of additional space for spending free time outside, regardless of weather conditions. So the rest is not disturbed by excessive sun, rain or wind.

10



PERGOLA A

PERGOLA A

The backyard terrace is a place where social and family life is vibrant in spring and summer. The pergolas we manufacture offer several square meters of additional space for spending free time outside, regardless of the weather conditions. So the rest is not disturbed by excessive sun, rain or wind.

Pergolas are made in a modern production plant from the highest quality elements. Their structure consists of a stable aluminum frame and an opening roof, thanks to which the amount of light on the terrace can be adjusted. Durable structure and proven components will allow you to enjoy your home terrace for many years.

The innovative design makes our pergola suitable for many types of buildings and gardens, being a luxurious, decorative element of the space around the house. Movable slats, side glazing and sun protection panels provide unlimited arrangement possibilities. It will satisfy even the most sophisticated tastes.

PERGOLA EQUIPMENT

- movable lamellas with LED lighting,
- LED lighting - around the perimeter of the structure,
- rain and temperature sensor,
- wind sensor,
- durable, extruded aluminum,
- automatic control systems.



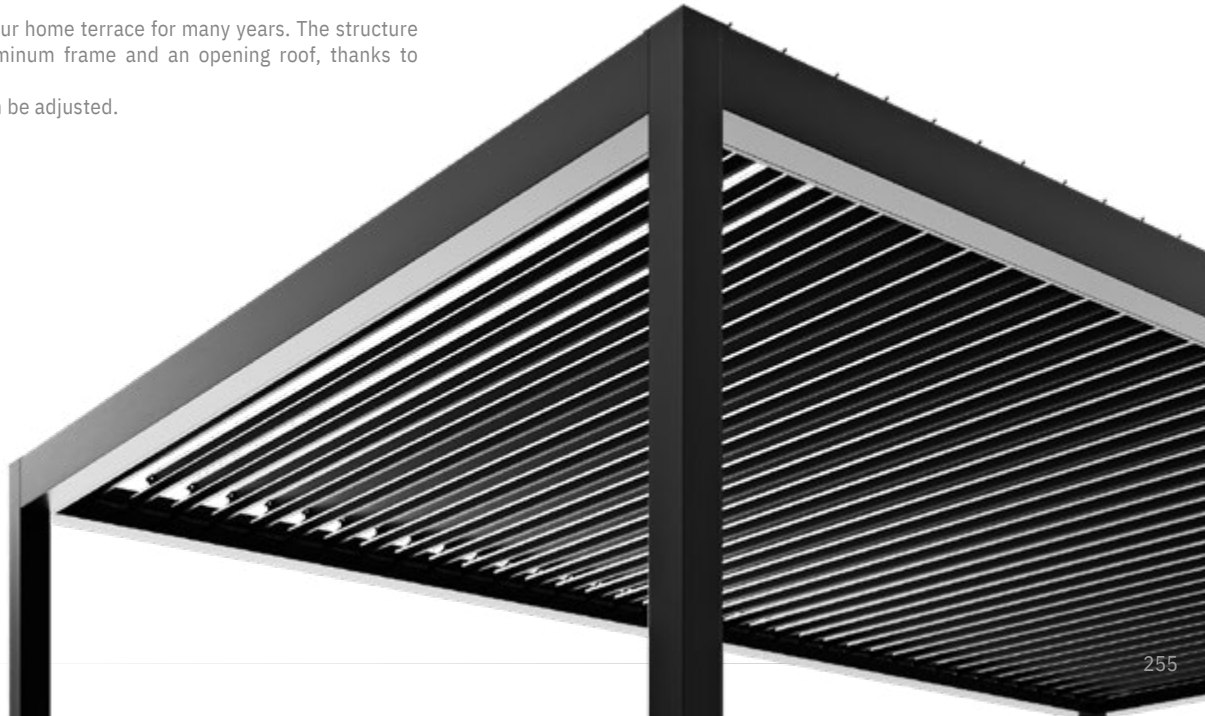
PERGOLA

INNOVATIVE DESIGN

makes our pergola suitable for many types of buildings and gardens, being a luxurious decorative element of the space around the house.

DURABLE CONSTRUCTION AND PROVEN COMPONENTS

will allow you to enjoy your home terrace for many years. The structure consists of a stable aluminum frame and an opening roof, thanks to which the amount of light on the terrace can be adjusted.





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.

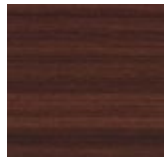
COLOR PALETTE **ALUPLAST**



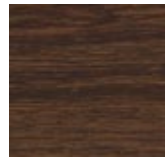
AP 01



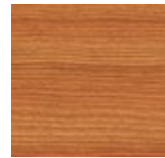
AP 02



AP 05



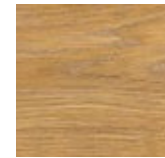
AP 06



AP 11



AP 15



AP 19



AP 20



AP 21



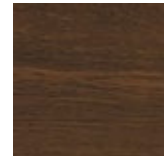
AP 22



AP 23



AP 25



AP 27



AP 28



AP 29



AP 30



AP 32



AP 34



AP 40



AP 41



AP 43



AP 44



AP 47



AP 50



AP 52



AP 60



AP 61



AP 62

COLOR PALETTE **ALUPLAST**



AP 63



AP 65



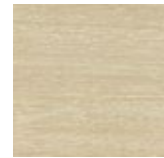
AP 70



AP 71



AP 72



AP 75



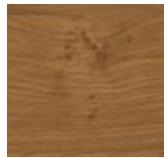
AP 79



AP 88



AP 94



AP 95



AP 102



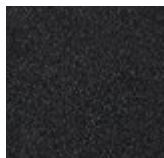
AP 103



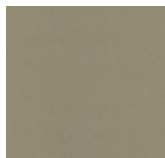
AP 104



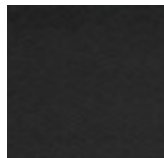
AP 105



AP 106



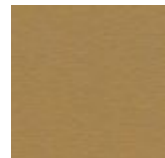
AP 107



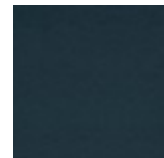
AP 108



AP 109



AP 110



AP 111



AP 112



AP 113



AP 115



AP 116

COLOR PALETTE SALAMANDER



SAL 03



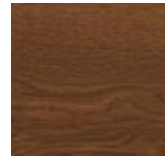
SAL 11



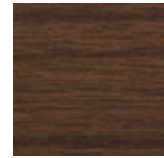
SAL 18



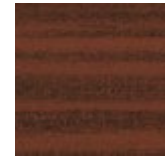
SAL 19



SAL 21



SAL 25



SAL 26



SAL 27



SAL 33



SAL 37



SAL 39



SAL 41



SAL 42



SAL 43



SAL 50



SAL 51



SAL 52



SAL 55



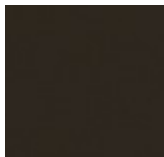
SAL 59



SAL 67



SAL 69



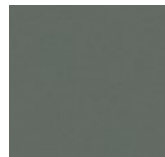
SAL 71



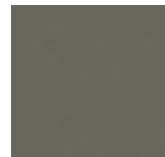
SAL 72



SAL 73



SAL 74



SAL 78



SAL 84



SAL 87

COLOR PALETTE SALAMANDER



SAL 88



SAL 90



SAL 92



SAL 93



SAL 94



SAL 98



SAL 107



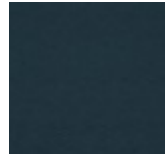
SAL 108



SAL 109



SAL 110



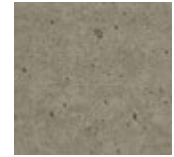
SAL 111



SAL 112



SAL 113

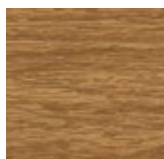


SAL 115



SAL 116

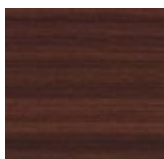
COLOR PALETTE EKOSUN



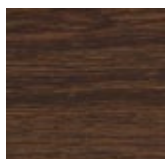
AP 01



AP 02



AP 05



AP 06



AP 15



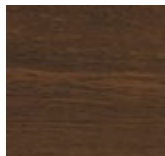
AP 19



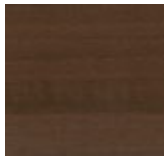
AP 20



AP 23



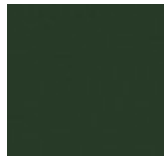
AP 27



AP 28



AP 29



AP 30



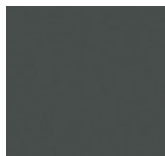
AP 32



AP 33



AP 34



AP 40



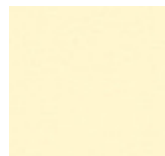
AP 41



AP 43



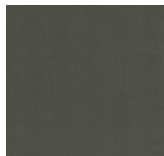
AP 44



AP 50



AP 52



AP 60



AP 61



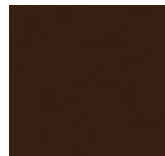
AP 63



AP 70



AP 71

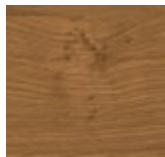


AP 72

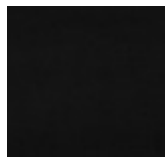


AP 88

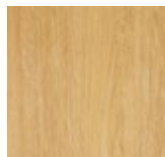
COLOR PALETTE **EKOSUN**



AP 95



AP 106



DO 118



DO 119



DO 120



COLOR PALETTE GEALAN



GEA 01



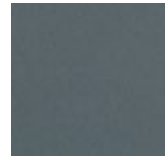
GEA 02



GEA 03



GEA 04



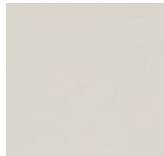
GEA 07



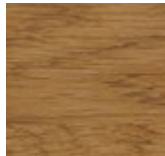
GEA 08



GEA 09



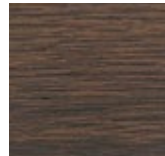
GEA 11



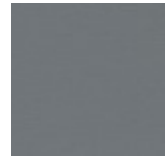
GEA 12



GEA 13



GEA 16



GEA 17



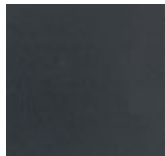
GEA 19



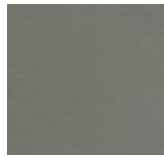
GEA 20



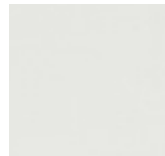
GEA 21



GEA 22



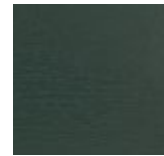
GEA 23



GEA 24



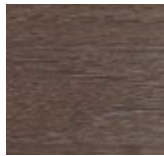
GEA 25



GEA 27



GEA 28



GEA 30

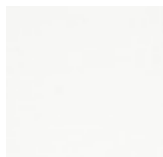


GEA 31



GEA 32

COLOR PALETTE **GEALAN**



GEA 34



GEA 35



GEA 37



GEA 40



GEA 41



GEA 42

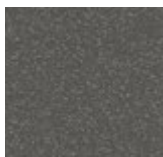


GEA 43

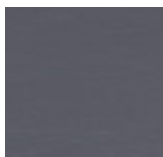


GEA 46

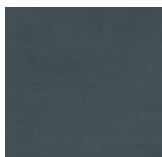
GEALAN COLORS **ACRYLCOLOR**



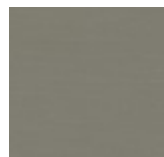
DB 703



RAL 7015



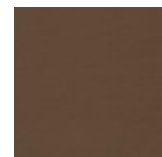
RAL 7016



RAL 7039



RAL 7040



RAL 8014



RAL 9005



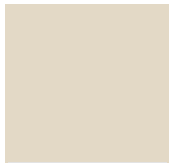
RAL 9016



SILVER

COLOR PALETTE RAL

ALUMINUM | STEEL | WOOD



RAL 1013



RAL 1037



RAL 2002



RAL 2013



RAL 3001



RAL 3004



RAL 6005



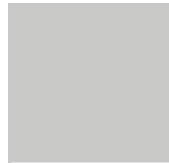
RAL 7025



RAL 7008



RAL 7016



RAL 7047



RAL 8000



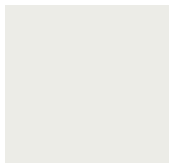
RAL 8015



RAL 8019



RAL 8022



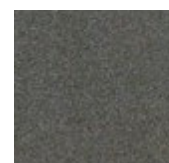
RAL 9003



RAL 9005



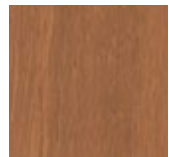
RAL 9016



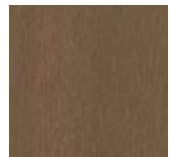
DB 703

Examples of RAL colors.
Sample choices from the
entire range.

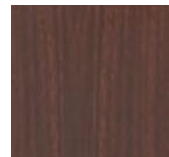
COLOR ALUMINUM DECOR



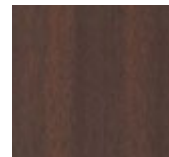
ADEC D101



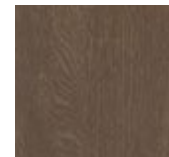
ADEC O102



ADEC M103



ADEC M204



ADEC O205

Also available in other
wood imitation versions.

COLOR PALETTE WOOD


	1.STONE PINE	2.OLD PINE	3.CYPRESS	4.IROKO	5.CHESTNUT	6.IDIGBO	7.SAPELLI
PINE							
MERANTI							
OAK							
SPRUCE							

The presented colors may differ from the actual ones.

COLOR PALETTE WOOD

	8.OAK	9.MAHOGANY	10.CALVADOS	11.WALNUT	12.KEMPAS	13.ASSAMELA	14.CHERRY TREE
PINE							
MERANTI							
OAK							
SPRUCE							

The presented colors may differ from the actual ones.

	15.WENGE	16.ACAJOU
PINE		
MERANTI		
OAK		
SPRUCE		

The presented colors may differ from the actual ones.





The publication does not constitute an offer. It cannot be a basis for filing a complaint. The presented photos are used for illustrative purposes only and may not accurately depict actual products.

6/2023



Dual Action Windows

info@dualactionwindows.com

321-765-3355

www.dualactionwindows.com