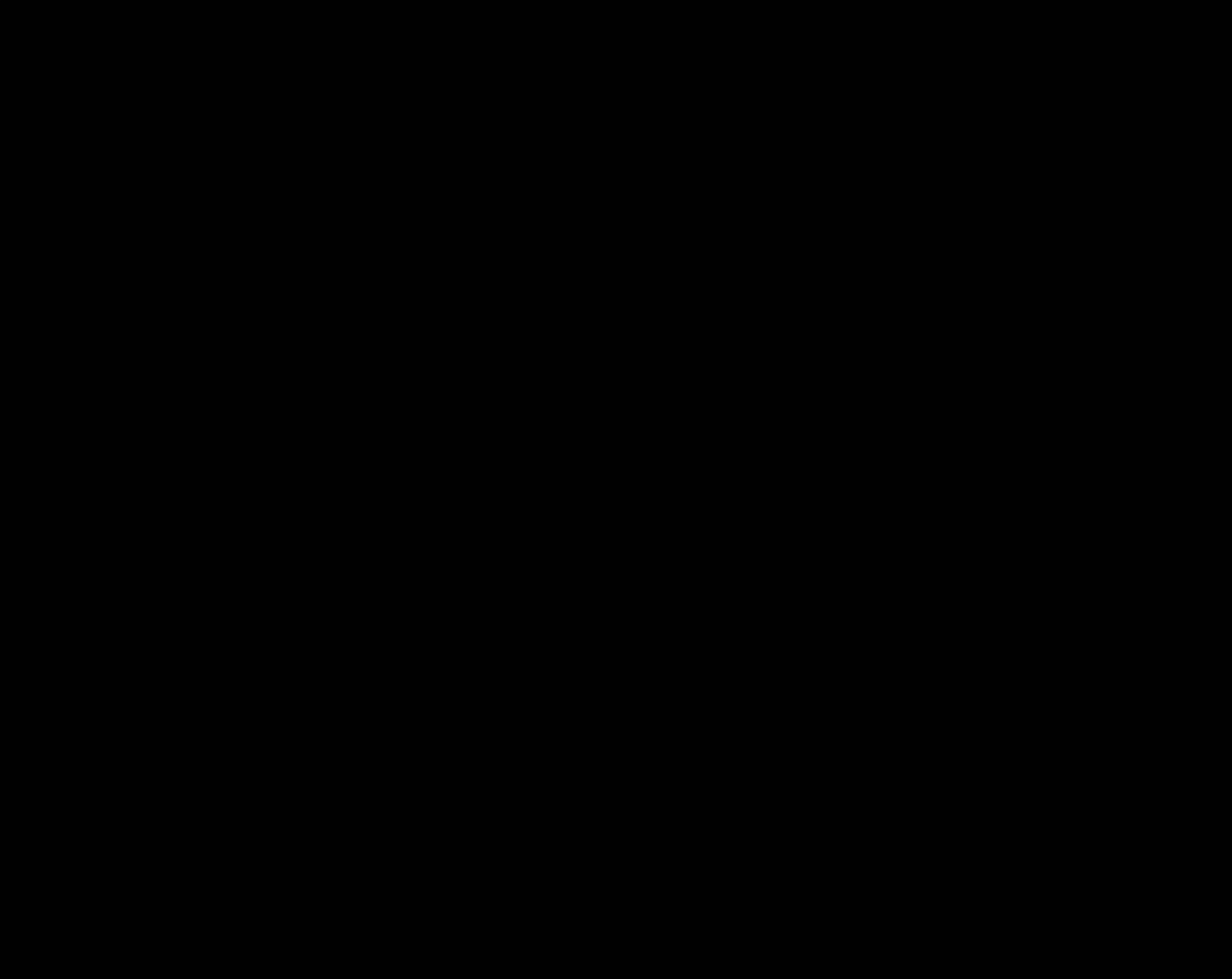




# Catalogue





# Filplast for generations

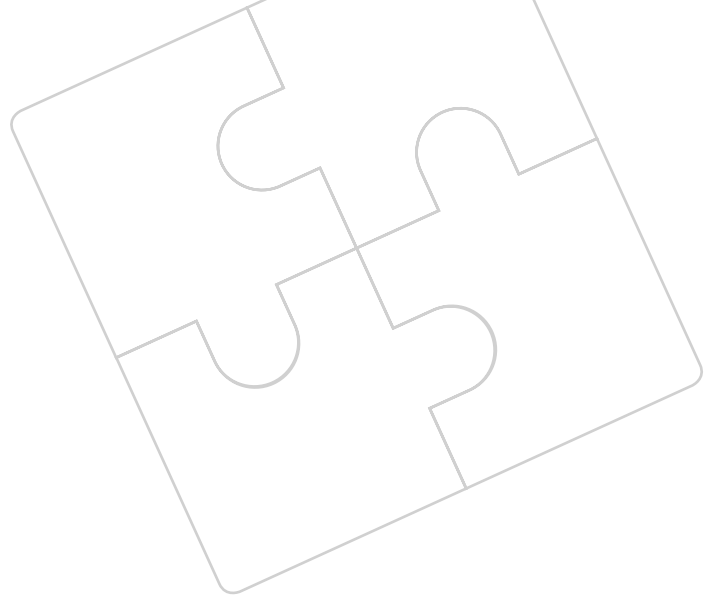
We have been manufacturing windows and doors since 1990.

We offer our clients modern solutions and comprehensive services.

We guarantee comfort of use of our products and their durability for generations.

We form a constantly improving team.

We invest the profit we earn in sustainable development.



# Perfectly matched solutions

## **Safety, perfect finish and comfort of use as a standard**

Enjoy the careful workmanship, comfort of use, safety and the unique appearance of your windows and doors, roller shutters, blinds, gates, window sills, terrace systems and winter gardens. Let yourself be surprised by the quality of Filplast products. We will help you choose the solutions that will suit your vision of the perfect home. Discover our three product collections - from classic to the most technically advanced.

# Silverline

## **Filplast quality at the lowest price**

High quality of production, durability and comfort of use. Structures recommended for commercial buildings, office buildings, production plants and typical solutions for residential buildings.

# Goldenline

## **Filplast bestsellers**

Optimal solutions for home and business. Constructions with higher, as compared to standard solutions, parameters of safety, energy efficiency, sound insulation and resistance to wind and rain.

# Platinumline

## **Premium line**

Modern, innovative and unique. Solutions with the highest parameters of safety, sound absorption and energy efficiency, including those meeting the requirements of passive construction.

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WINDOWS

# PVC or aluminium?

## **Which windows should you choose?**

Aluminium and PVC windows differ primarily in appearance, resistance to deformation under the influence of atmospheric conditions and the weight of the structure, thermal insulation, and price resulting from the cost of the used materials.

Which windows to choose? It depends on the architectural style of the building, its location, the degree to which the structure is exposed to strong wind, rain, high insolation, noise, and tastes of the users.

## **Aluminium windows**

Aluminium windows are very popular in hotels, restaurants, office buildings, shopping centres and projects, that require large glazing areas. Due to their high aesthetic value, they are synonymous with elegance and modernity in contemporary construction. Aluminium windows are more and more often being chosen for single-family houses because the design is very unique because of their very unique design and the possibility to use large panes of glass.

## **PVC windows**

PVC windows have been the most frequently chosen solution for the residential construction industry, both single and multi-family, since the 90s. With a wide range of veneers, they make it possible to adjust the appearance of the structure to the architectural style of the building and interior arrangement. Our offer includes, among others, wood-like veneers and acrylic glass coatings.

## **PVC windows with an aluminium cover**

PVC windows with aluminium covers are a compromise between these two solutions. From the outside, such structures look like aluminium. Thanks to the aluminium covers, the profiles gain additional protection against weather conditions, which makes them more durable and facilitates window cleaning.

# Safe, safer, Filplast

**As one of only a few in Europe, we offer PVC windows with a safety certificate in the RC3 class. This means that no one can produce safer PVC windows!**

Even standard Filplast windows are safer than those generally available on the market as they are equipped with a handle, which makes burglary attempts more difficult, and two anti-theft strikers. The windows can be additionally secured against burglary and breakage, using appropriate glass and fittings.

## Safety glass panes

The safety class of windows depends, among others, on the applied panes. The so-called safe glass panes are equipped with special PVB laminating foils that protect the broken glass from falling out of the window frame, even after suffering strong mechanical damage.

## Safety handle

An additional element securing the window is an innovative handle with a push-turn system, which locks automatically in the closed and tilted position of the window. It can only be unlocked by pressing it again. It is also available in a key lock variant.



## Fittings in RC1, RC2, and RC3 class

Burglary-resistant fittings consist of additional strikers and locking bolts. The combination of a striker and a bolt forms the so-called burglary protection point. The more points around the perimeter of the window, the more difficult it is to force it.

- RC1** In RC1 class windows, each corner is secured with an additional anti-theft striker.
- RC2** Fittings in the RC2 class require an additional lockable handle and 11 anti-theft strikers\*.
- RC3** This is the maximum safety class possible for PVC windows. Windows in this class are equipped with 21 anti-theft strikers\*.

*\* Applies to reference windows of 1230 mm x 1480 mm. In the case of ignificantly smaller or larger constructions, the number of additional safeguards will be correspondingly lower or higher.*

# Window parameters

		
PVC windows	profile system	number of chambers
TrendStar 70	VEKA Softline 70 AD	5
Viva Line 74	Gealan Linear	6 / 5
ClimaStar 76	VEKA Softline 76 MD	5
Viva 83	Gealan S9000	6
ClimaStar 82	VEKA Softline 82 MD	7 / 6
ClimaStar 82 Prime	VEKA Softline 82 MD	7 / 6
ClimaStar 82 Alu	VEKA Softline 82 MD	7 / 6
<b>Aluminium windows</b>		
AluStar 79	Aluprof MB 79N ST	3
AluStar 86	Aluprof MB 86N ST	3
AluStar 104	Aluprof MB 104 SI	3



installation depth



maximum sound insulation



maximum safety class

70 mm	44 dB	RC2
74 mm	47 dB	RC2
76 mm	45 dB	RC2
82.5 mm	48 dB	RC3
82 mm	46 dB	RC3
82 mm	46 dB	RC2
94 mm	46 dB	RC2
70 mm	46 dB	RC3
77 mm	47 dB	RC4
95 mm	46 dB	RC3

*Parameters for a reference window with dimensions of 1230 x 1480 mm.*



## PVC WINDOWS

# TrendStar 70

TrendStar 70 is a window with classic profile lines. It reliably fulfills all of its basic functions. We recommend this solution primarily for multi-apartment and public buildings.

**profile system**

Veka Softline 70 AD

**number of chambers**

5

**installation depth**

70 mm

**sound insulation**

up to 44 dB

**safety**

up to RC2

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/14/4/14/4

 $U_g = 0.6 \text{ W/m}^2\text{K}$ **thermal transmittance** $U_w = 0.99 \text{ W/m}^2\text{K}$  $U_w = 0.9 \text{ W/m}^2\text{K}$

## PVC WINDOWS

# Viva Line 74

The modern window system that stands out with its minimalist appearance and simplicity of construction. The geometric profiles of this window perfectly match the contemporary architectural trends.

**profile system**

Gealan Linear

**number of chambers**

6 / 5

**installation depth**

74 mm

**sound insulation**

up to 47 dB

**safety**

up to RC2

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4

 $U_g = 0.5 \text{ W/m}^2\text{K}$ **thermal transmittance** $U_w = 0.92 \text{ W/m}^2\text{K}$  $U_w = 0.76 \text{ W/m}^2\text{K}$

PVC WINDOWS

# ClimaStar 76

Energy-efficient, sound-absorbing, weather-resistant, with an additional inner gasket. ClimaStar 76 windows are very good at protecting against noise, cold, and moisture. We recommend this solution especially for single-family houses.



**profile system**  
Veka Softline 76 MD



**number of chambers**  
5



**installation depth**  
76 mm



**sound insulation**  
up to 45 dB



**safety**  
up to RC2

**glazing package**

4/12/4/12/4  
 $U_g = 0.7 \text{ W/m}^2\text{K}$

4/18/4/18/4  
 $U_g = 0.5 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 0.92 \text{ W/m}^2\text{K}$

$U_w = 0.77 \text{ W/m}^2\text{K}$

## PVC WINDOWS

# Viva 83

Viva 83 stands out for its excellent thermal insulation. The innovative Acrylcolour profile tinting system, which gives the window even greater resistance to external factors thanks to its acrylic glass coating, is available for this model.

**profile system**

Gealan S9000

**number of chambers**

6

**installation depth**

82.5 mm

**sound insulation**

up to 48 dB

**safety**

up to RC3

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4

 $U_g = 0.5 \text{ W/m}^2\text{K}$ **thermal transmittance** $U_w = 0.92 \text{ W/m}^2\text{K}$  $U_w = 0.76 \text{ W/m}^2\text{K}$

PVC WINDOWS

# ClimaStar 82

ClimaStar 82 are windows with the highest thermal and acoustic insulation parameters. They are ideal for modern construction and energy-efficient homes.


**profile system**

Veka Softline 82 MD


**number of chambers**

7 / 6


**installation depth**

82 mm


**sound insulation**

up to 46 dB


**safety**

up to RC3

**glazing package**

4/12/4/12/4

$U_g = 0.7 \text{ W/m}^2\text{K}$

4/18/4/18/4

$U_g = 0.5 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 0.93 \text{ W/m}^2\text{K}$

$U_w = 0.74 \text{ W/m}^2\text{K}$

PVC WINDOWS

# ClimaStar 82 Prime

The ClimaStar 82 Prime system stands out with an innovative way of combining glazing units with sash profiles. Thanks to the technology of bonding windows around the entire perimeter, it is more resistant to burglary attempts, less susceptible to deformation and allows for larger glazing areas.

**profile system**

Veka Softline 82 MD

**number of chambers**

7 / 6

**installation depth**

82 mm

**sound insulation**

up to 46 dB

**safety**

up to RC2

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4

 $U_g = 0.5 \text{ W/m}^2\text{K}$ **thermal transmittance** $U_w = 0.92 \text{ W/m}^2\text{K}$  $U_w = 0.74 \text{ W/m}^2\text{K}$

## PVC WINDOWS

# ClimaStar 82 Alu

ClimaStar 82 Alu combines the advantages of PVC and aluminium windows. It allows the window to be visually adjusted to the aluminium facade. This system is also characterised by higher resistance to discolouration and deformation under the influence of weather conditions.

**profile system**

Veka Softline 82 MD

**number of chambers**

7 / 6

**installation depth**

94 mm

**sound insulation**

up to 46 dB

**safety**

up to RC2

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4

 $U_g = 0.5 \text{ W/m}^2\text{K}$ **thermal transmittance** $U_w = 0.93 \text{ W/m}^2\text{K}$  $U_w = 0.74 \text{ W/m}^2\text{K}$



## ALUMINIUM WINDOWS

# AluStar 79

AluStar 79 windows enable you to achieve slender and durable structures with high thermal and acoustic insulation performance. In addition, this system makes it possible to manufacture a version with a concealed sash, and a smoke exhaust window.

**profile system**

Aluprof MB 79N

**number of chambers**

3

**installation depth**

70 mm

**sound insulation**

up to 46 dB

**safety**

up to RC3

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4

 $U_g = 0.5 \text{ W/m}^2\text{K}$ **thermal transmittance** $U_w = 1.02 \text{ W/m}^2\text{K}$  $U_w = 0.85 \text{ W/m}^2\text{K}$

ALUMINIUM WINDOWS

# AluStar 86

The window and door system with a thermal break is characterized by high thermal and acoustic insulation, as well as water and air tightness.



**profile system**  
Aluprof MB 86



**number of chambers**  
3



**installation depth**  
77 mm



**sound insulation**  
up to 47 dB



**safety**  
up to RC4

**glazing package**

4/12/4/12/4  
 $U_g = 0.7 \text{ W/m}^2\text{K}$

4/18/4/18/4  
 $U_g = 0.5 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 1.0 \text{ W/m}^2\text{K}$

$U_w = 0.83 \text{ W/m}^2\text{K}$

## ALUMINIUM WINDOWS

# AluStar 104

AluStar 104 is a system with superior thermal insulation and resistance to water and strong wind - even up to 200 km/h. The structure is rigid, strong and durable.

**profile system**

Aluprof MB 104

**number of chambers**

3

**installation depth**

95 mm

**sound insulation**

up to 46 dB

**safety**

up to RC3

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4

 $U_g = 0.5 \text{ W/m}^2\text{K}$ **thermal transmittance** $U_w = 0.91 \text{ W/m}^2\text{K}$  $U_w = 0.74 \text{ W/m}^2\text{K}$

# Colours

## Standard colours

TrendStar 70, ClimaStar 76, ClimaStar 82

Winchester  
49240



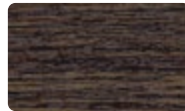
Golden Oak  
2178001



Walnut  
2178007



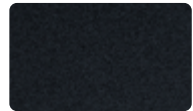
Moor Oak  
2052089



Brown  
887505



Anthracite Grey  
Silk-Smooth  
4367003



Anthracite Grey  
701605



Silver Grey  
715505



Fir Green  
612505



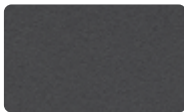
Moss-green  
600505



## Fine Structure

TrendStar 70, ClimaStar 76, ClimaStar 82

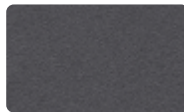
Anthracite Grey FN  
701605002



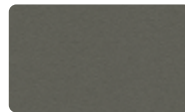
Black FN  
301900002



Slate Grey FN  
701505002



Quartz Grey FN  
703905002



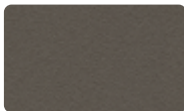
Basalt Grey FN  
701205002



Silver Grey FN  
715505002



Umbra FN  
800400002



Traffic White FN  
915205002



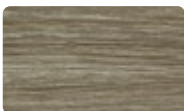
## Special colours

TrendStar 70, ClimaStar 76, ClimaStar 82

Sheffield Oak Light  
4536081



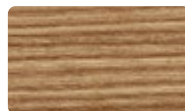
Sheffield Oak Grey  
4363086



Light Oak  
3118076



Mountain Pine  
3069041



Oregon III  
2115008



Douglas Fir  
3069037



Shogun AC  
49197



Shogun AF  
49198



Strip Douglas Fir  
3152009



Shogun AD  
49195



Siena PN Rosso  
49233



Rustic-style Oak  
3156003



Macore 3162002	Siena PN Noce 49237	Mahogany 2065021	Rosewood 3202002	White 915205	Agate Grey 703805
					
Cream-white 137905	Light Ivory 101505	Papyrus-white 901805	Light Grey 725105	Silver Grey Ungrained Smooth 715505083	Alux Graualuminium 4361016
					
Basalt Grey 701205	Basalt Grey Ungrained Smooth 701205083	Slate Grey 701505	Slate Grey Ungrained Smooth 701505083	Quartz Grey 703905	Quartz Grey Ungrained Smooth 703905083
					
Alux DB 703 4361014	Earl Platinum 1293010	Crown Platinum 1293001	Quartz Platinum 1293002	Aluminium Brushed Silver 4361002	Aluminium Brushed 4361001
					
Metbrush Messing 4361007	Zinc Yellow 108705	Carmine Red 305405	Ruby-red 300305	Brown Red 308105	Wine-red 300505
					
Monument Green 992505	Emerald Green 611005	Brilliant Blue 500705	Cobalt Blue 501305	Steel Blue 515005	Monument Blue 500405
					
Black brown 851805	Jet Black 4467062	Pepper Oak Supermat 780010	Coriander Oak Supermat 30078011	Honey Oak Supermat 30078007	
					

## Special colours - Spectral

ClimaStar 76, ClimaStar 82

Anthracite Grey  
Ultramat  
701605001



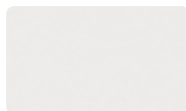
Umbra Ultramat  
800400001



Window Grey  
Ultramat  
704000001



White Ultramat  
901000001



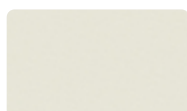
Fir Green Ultramat  
600900001



Graphite Black  
Ultramat  
901100001



Pure White Ultramat  
915205001



Sepia Brown  
Ultramat  
801405001



Tender Oak White  
Ultramat  
915205001



Tender Oak Grey  
Ultramat  
801405001



Tedner Oak Antik  
Ultramat  
801405001



## Standard colours

Viva Line 74, Viva 83

Winchester XA  
49240



Golden Oak  
2178001



Walnut  
2178007



Mahogany  
2065021



Moor Oak  
3167004



Chocolate Brown  
887505



Anthracite Grey  
701605



Anthracite Grey  
Smooth II  
7016097



Quartz Grey  
703905



Basalt Grey  
701205



Silver  
715505



## Special colours

Viva Line 74, Viva 83

Sheffield Oak Light  
4563081



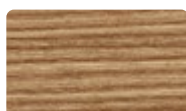
anTeak  
324100



Light Oak  
3118076



Mountain Pine  
3069041



Strip Douglas Fir  
3152009



Oregon  
1192001



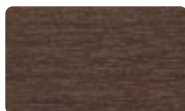
Walnut  
4363042



Rustic-style Oak  
3149008



Macore  
3162002



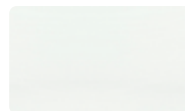
Dark Oak  
2052089



Cream-white  
137905



Brilliant White  
4565057



White  
915205



Light grey  
725105



Concrete Grey  
702305



Metbrush Silver  
4361002





Metbrush Messing  
4361007





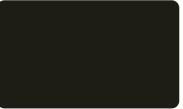
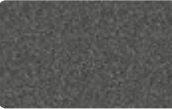


Bronze Platin  
1293714



Quartz Grey Smooth 4367047	Basalt Grey Smooth 4367048	DEKO DB 703 4361014	Black Grey Smooth 7021097	Black Brown 851805	Black Brownulti-mat 8518047
					
Steel Blue 515005	Fir Green 612505	Monument Green 992505	Moss-green 600505	Brown Red 308105	Wine-red 300505
					
Blackulti-matt 2001047	Cream-white mat 4566015	Pure White matt 4566001			
					







### Special colours - Acrylcolor®

Viva 83

Slate Grey AJ / RAL 7015	Anthracite Grey AP / RAL 7016	Grey A8 / RAL 7040	Sepia Brown AL / RAL 8014	Deep Black EG / RAL 9005	DB 703 CY
					
Silver DM	Quartz Grey AR / RAL 7039	Umbra Grey AQ / RAL 7022	Traffic White DE / RAL 9016		
					

### Special colours - RealWood®

Viva Line 74, Viva 83

Ginger Oak 3078004	Honey Oak 3078007	Weissbach Eiche 3241306	Woodec Turner Oak malt 4703001	Pure White RAL 9010 4564053	Anthracite Grey 4364003
					



# WINDOW ACCESSORIES



# Handles

## Atlanta

### Atlanta Secustic

white  
RAL 9016



steel look  
F9



### Atlanta with a key 100 Nm / TBT4

white  
RAL 9016



steel look  
F9



### double-sided Atlanta with rosette

white  
RAL 9016



steel look  
F9



### double-sided Atlanta with rosette, flat on the outside

white  
RAL 9016



steel look  
F9



## SecuForte

### SecuForte Hamburg

white  
RAL 9016



steel look  
F9



### SecuForte Hamburg with a key

white  
RAL 9016



steel look  
F9



## Erfurt

### Erfurt standard

white  
RAL 9016



steel  
look  
F9



### Erfurt with a key 100 Nm / TBT1

white  
RAL 9016



steel look  
F9



## Erfurt

Double-sided Erfurt with rosette,  
flat on the outside

white  
RAL 9016



steel look  
F9



Double-sided Atlanta  
with rosette

white  
RAL 9016



steel look  
F9



## Bremen

Bremen  
standard

inox  
A2 matt



Bremen  
with a key

inox  
A2 matt



Double-sided Bremen  
with rosette

inox  
A2 matt



# Ornamental glasses

Ornamental glass is used in door joinery, bathroom windows, partition walls and stained-glass windows. It is an interesting addition to the interior design due to its various styles.

Chinchilla / 101 / Vision



Flutes



Satinato



Silvit



Kura / Waterfall



Altdeutsch K



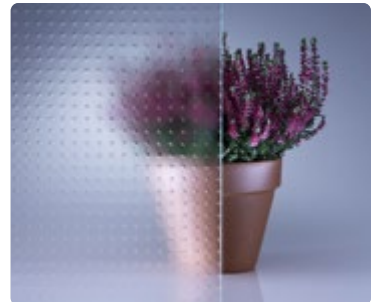
Master Point



Master Linge



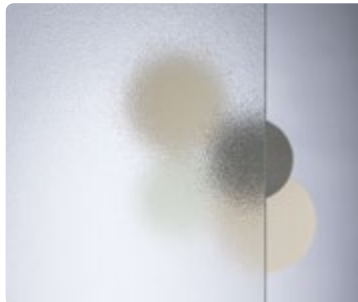
Master Carre



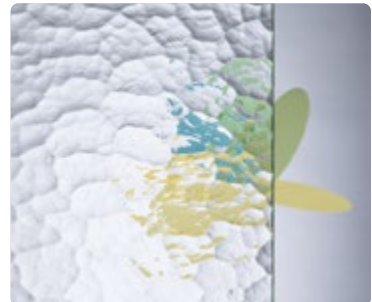
Kathedral min.



Crepi / Arena C



Atlantic / Monumental M



# Window sills

We offer internal window sills made of conglomerate, PVC and laminated wood-like panels (MDF). Our external window sills are made of aluminium, steel or granite.

## Internal window sills

### Conglomerate window sills

beige marfil



brecia aurora



perlato appia



botticino



bianco carrara



perla arte



calacatta



black mamba



rosso del garda



rosso asiago



## Internal window sills

### PVC window sills

white



marble



scandinavian oak



graphite



walnut



winchester



golden oak



### MDF window sills

concrete



white matt



winchester



oak graphite



golden oak



dark walnut





## External window sills

### Aluminium window sills

antique anthracite



antique gold



antique copper



antique oak



RAL 8019



RAL 9016



anthracite RAL 7016



### Steel window sills

RAL 8019



RAL 9010



RAL 8017



RAL 7016



walnut



golden oak



winchester



### Granite window sills

colonial white



rosa beta



nero impala



orient black







# TERRACE SYSTEMS



# PSK, HST, or JustSlide?

## **Which system should you choose?**

The systems differ in the way they are operated, and resistance to deformation by the weight of the structure and weather conditions. They also differ in pricing due to the cost of the materials used for manufacturing.

### **Tilt-and-slide doors (PSK)**

PSK is an abbreviation of the German name *Parallel-Schiebe-Kipp-Tür*, which means parallel tilt-and-slide doors. When opening the door sash, first open it and move it away from the threshold, and then slide it along the guide, which is located at the bottom of the structure. PSK structures can be made in both window systems - PVC and aluminium.

### **Lift-and-slide doors (HST)**

The name HST stands for the German word *Hebeschiebetür*, which means lift-and-slide doors. Sashes of HST constructions are placed on two separate guides. The movable part that can be opened hides behind the fixed element. After turning the handle, the structure gently rises a few millimeters, releases the pressure of the seal, and allows the sash to be moved. HST constructions are stable and easy to use. They can be installed with very large glazing areas, even up to 14 m<sup>2</sup> per sash. Optionally, HST constructions are available with an automatic drive and without a visible threshold.

### **Sliding doors**

Until recently, terrace systems were divided into tilt-and-slide (PSK) and lift-and-slide (HST) systems. Now there is the JustSlide system, which has a new opening mechanism that only requires sliding the sash. The systems also differ in the maximum surface of the structure, threshold height, wind resistance class, and price.

# PSK terrace system parameters



## PVC systems

## profile system

## number of chambers

TrendStar 70

VEKA Softline 70 AD + PSK

5

Viva Line 74

Gealan Linear + PSK

6 / 5

ClimaStar 76

VEKA Softline 76 MD + PSK

5

Viva 83

Gealan S9000 + PSK

6

ClimaStar 82

VEKA Softline 82 MD + PSK

7 / 6

ClimaStar 82 Prime

VEKA Softline 82 MD + PSK

7 / 6

ClimaStar 82 Alu

VEKA Softline 82 MD Alu + PSK

7 / 6

## aluminium systems

AluStar 79

Aluprof MB 79N ST + PSK

3

AluStar 86

Aluprof MB 86N ST + PSK

3



**installation depth**



**maximum sound insulation**



**resistance to  
wind**

70 mm	44 dB	C5 / B5
74 mm	47 dB	C2 / B3
76 mm	45 dB	C5 / B5
82.5 mm	48 dB	C4 / B5
82 mm	46 dB	C3 / B3
82 mm	46 dB	C3 / B3
94 mm	46 dB	C3 / B3
70 mm	46 dB	C5
77 mm	47 dB	C5

*Parameters for a reference structure with dimensions of 2300 x 2180 mm.*

# HST terrace system parameters



## PVC systems

## profile system

## number of chambers

JustSlide

Aluplast Smart-slide

6 / 4

VivaSlide 83 Acryl

Gealan S9000

5

ClimaSlide 82 Motion

VEKAMOTION 82

7 / 5

## aluminium systems

AluStar 120 Slide

Aluprof MB 59 HS

3

AluStar 174 Slide

Aluprof MB 77 HS

3

JustSlide Alu

5 / 3

VisionSlide 190

Aluprof MB Skyline

3





**installation depth**



**maximum sound insulation**



**resistance to wind**

140 mm	39 dB	B3
190 mm	-	B2
194 mm	42 dB	C2 / B3
120 / 199 mm	-	C2
174 / 271 mm	43 dB	C4
172 mm	45 dB	C4 / B4
190 mm	-	C5 / C4

*Parameters for a reference structure with dimensions of 3500 x 2200 mm.*

PVC TILT-AND-SLIDE DOORS (PSK)

# TrendStar 70

This is a very popular model in its class. The reinforced construction of the profile and the frame ensure strength and safety of the structure.


**profile system**

Veka Perfectline 70 AD


**number of chambers**

5


**installation depth**

70 mm


**sound insulation**

up to 44 dB


**safety**

up to RC2

**glazing package**

4/12/4/12/4

$U_g = 0.7 \text{ W/m}^2\text{K}$

4/14/4/14/4

$U_g = 0.6 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 0.93 \text{ W/m}^2\text{K}$

$U_w = 0.83 \text{ W/m}^2\text{K}$

PVC

TILT-AND-SLIDE DOORS (PSK)

# Viva Line 74

These Tilt-and-slide terrace doors are distinguished by their minimalist, modern appearance and simple construction. The pronounced contours of the profiles blend seamlessly with contemporary architectural trends. The system also boasts a high level of thermal insulation.



## profile system

Gealan Linear



## number of chambers

6 / 5



## installation depth

74 mm



## sound insulation

up to 47 dB



## safety

up to RC2

## glazing package

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4

 $U_g = 0.5 \text{ W/m}^2\text{K}$ 

## thermal transmittance

 $U_w = 0.91 \text{ W/m}^2\text{K}$  $U_w = 0.76 \text{ W/m}^2\text{K}$

PVC TILT-AND-SLIDE DOORS (PSK)

# ClimaStar 76

The window is equipped with an external gasket system and a centre gasket, which further increases protection against noise and cold. In this system both the frame and the sash use strengthening chambers and steel profiles that make the structure stable, durable, and resistant to external factors.



**profile system**

Veka Softline 76 MD



**number of chambers**

5



**installation depth**

76 mm



**sound insulation**

up to 45 dB



**safety**

up to RC2

**glazing package**

4/12/4/12/4  
 $U_g = 0.7 \text{ W/m}^2\text{K}$

4/18/4/18/4  
 $U_g = 0.5 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 0.9 \text{ W/m}^2\text{K}$

$U_w = 0.72 \text{ W/m}^2\text{K}$

PVC TILT-AND-SLIDE DOORS (PSK)

# Viva 83

The Viva 83 terrace system is characterised by very high thermal insulation properties. The system offers an innovative way of colouring - Acrycolour.


**profile system**

Gealan S9000


**number of chambers**

6


**installation depth**

82.5 mm


**sound insulation**

up to 48 dB


**safety**

up to RC2

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4

 $U_g = 0.5 \text{ W/m}^2\text{K}$ 
**thermal transmittance**
 $U_w = 0.9 \text{ W/m}^2\text{K}$  $U_w = 0.73 \text{ W/m}^2\text{K}$

PVC

TILT-AND-SLIDE DOORS (PSK)

# ClimaStar 82

ClimaStar 82 are windows with the highest thermal and acoustic insulation parameters. They are ideal for modern construction and energy-efficient homes.



**profile system**

Veka Softline 82 MD



**number of chambers**

7 / 6



**installation depth**

82 mm



**sound insulation**

up to 46 dB



**safety**

up to RC2

**glazing package**

4/12/4/12/4  
 $U_g = 0.7 \text{ W/m}^2\text{K}$

4/18/4/18/4  
 $U_g = 0.5 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 0.89 \text{ W/m}^2\text{K}$

$U_w = 0.7 \text{ W/m}^2\text{K}$

PVC TILT-AND-SLIDE DOORS (PSK)

# ClimaStar 82 Prime

This system ensures top-level thermal insulation and can be used even in passive building construction. With the technology that adheres the glass around the entire perimeter of the structure, these windows are more resistant to break-ins, less prone to deformation and allow for larger glazing areas.


**profile system**

Veka Softline 82 MD


**number of chambers**

7 / 6


**installation depth**

82 mm


**sound insulation**

up to 46 dB


**safety**

up to RC2

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4






 $U_g = 0.5 \text{ W/m}^2\text{K}$ 
**thermal transmittance**
 $U_w = 0.88 \text{ W/m}^2\text{K}$  $U_w = 0.69 \text{ W/m}^2\text{K}$

PVC TILT-AND-SLIDE DOORS (PSK)

# ClimaStar 82 Alu

The Climastar 82 Alu system combines the advantages of PVC and aluminium systems. Thanks to the aluminium cover, this profile is very resistant to deformation under the influence of temperature and is easy to clean and maintain.



-  **profile system**  
Veka Softline 82 MD
-  **number of chambers**  
7 / 6
-  **installation depth**  
94 mm
-  **sound insulation**  
up to 46 dB
-  **safety**  
up to RC2

glazing package	4/12/4/12/4 $U_g = 0.7 \text{ W/m}^2\text{K}$	4/18/4/18/4 $U_g = 0.5 \text{ W/m}^2\text{K}$
thermal transmittance	$U_w = 0.89 \text{ W/m}^2\text{K}$	$U_w = 0.7 \text{ W/m}^2\text{K}$



**ALU** TILT-AND-SLIDE DOORS (PSK)

# AluStar 79

AluStar 79 terrace system profiles have a three-chamber construction. They are equipped with a thermal break made of polyamide and reinforced with a glass fibre.



## profile system

Aluprof MB 70 + PSK



## number of chambers

3



## installation depth

70 mm



## sound insulation

up to 46 dB

## glazing package

4/12/4/12/4

$U_g = 0.7 \text{ W/m}^2\text{K}$

4/18/4/18/4

$U_g = 0.5 \text{ W/m}^2\text{K}$

## thermal transmittance

$U_w = 1.01 \text{ W/m}^2\text{K}$

$U_w = 0.84 \text{ W/m}^2\text{K}$

ALU TILT-AND-SLIDE DOORS (PSK)

# AluStar 86

This is a system recommended for energy-efficient construction. It is characterised by its strength and durability. It insulates very well both acoustically and thermally.



**profile system**  
Aluprof MB 86 + PSK



**number of chambers**  
3



**installation depth**  
77 mm



**sound insulation**  
up to 47 dB

**glazing package**

4/12/4/12/4  
 $U_g = 0.7 \text{ W/m}^2\text{K}$

4/18/4/18/4  
 $U_g = 0.5 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 1.0 \text{ W/m}^2\text{K}$

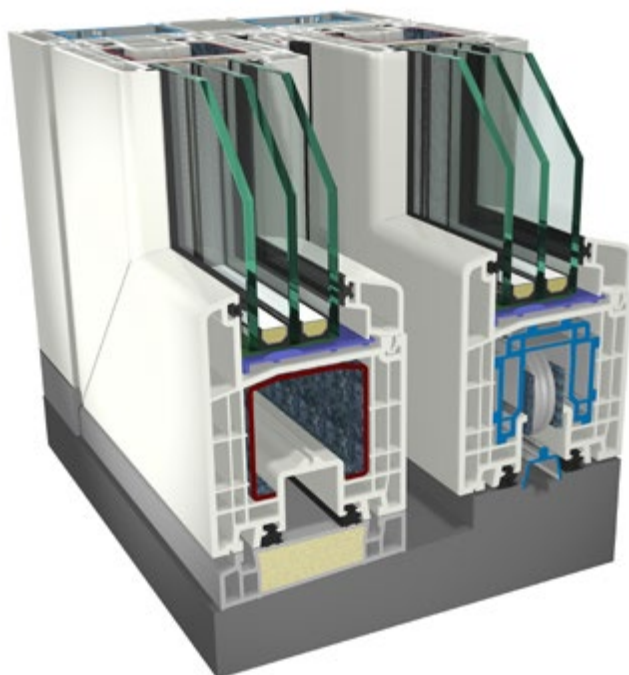
$U_w = 0.83 \text{ W/m}^2\text{K}$

PVC

LIFT-AND-SLIDE DOORS (HST)

# VivaSlide 83 Acryl

Lift-and-slide doors in this system can be moved with almost no force. The flexible central seal increases the thermal insulation of the construction and protects the fittings against moisture.


**profile system**

Gealan S9000


**number of chambers**

5


**installation depth**

190 mm


**safety**

up to RC2

glazing package

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/18/4/18/4

 $U_g = 0.5 \text{ W/m}^2\text{K}$ 

thermal transmittance

 $U_w = 0.92 \text{ W/m}^2\text{K}$  $U_w = 0.76 \text{ W/m}^2\text{K}$

PVC

LIFT-AND-SLIDE DOORS (HST)

# ClimaSlide 82 Motion

The ClimaSlide 82 Motion system allows to create large structures with high thermal and acoustic performance.



**profile system**  
VEKAMOTION 82



**number of chambers**  
7 / 5



**installation depth**  
194 mm



**sound insulation**  
up to 42 dB



**safety**  
up to RC2

**glazing package**

4/12/4/12/4  
 $U_g = 0.7 \text{ W/m}^2\text{K}$

4/18/4/18/4  
 $U_g = 0.5 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 0.93 \text{ W/m}^2\text{K}$

$U_w = 0.76 \text{ W/m}^2\text{K}$

ALU LIFT-AND-SLIDE DOORS (HST)

# AluStar Slide 120

This system is made of durable sections with a three chamber construction. Their key element is an insulation chamber with wide thermal breaks.



**profile system**

Aluprof HST MB 59 HS



**number of chambers**

3



**installation depth**

120 / 199 mm



**safety**

up to RC2

glazing package

4/14/4/14/4

33.1/14/4/14/33.1

$U_g = 0.6 \text{ W/m}^2\text{K}$

$U_g = 0.6 \text{ W/m}^2\text{K}$

thermal transmittance

$U_w = 1.02 \text{ W/m}^2\text{K}$

$U_w = 1.02 \text{ W/m}^2\text{K}$

ALU

LIFT-AND-SLIDE DOORS (HST)

# AluStar Slide 174

This system allows for the construction of very large structures. It is characterised by excellent thermal insulation, high watertightness, and wind resistance.



**profile system**

Aluprof HST MB 77 HS



**number of chambers**

3



**installation depth**

174 / 271 mm



**sound insulation**

up to 43 dB



**safety**

up to RC2

**glazing package**

4/18/4/18/4

33.1/18/4/18/33.1

$U_g = 0.5 \text{ W/m}^2\text{K}$

$U_g = 0.5 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 0.95 \text{ W/m}^2\text{K}$

$U_w = 0.95 \text{ W/m}^2\text{K}$

PVC SLIDING DOORS

# JustSlide

JustSlide is an innovative sliding door system. It has good test results for air permeability, wind resistance, and watertightness. The system makes it possible to create structures with large glazing areas.


**profile system**

Aluplast Smart-slide


**number of chambers**

6 / 4


**installation depth**

140 mm


**Threshold height**

60 mm


**sound insulation**

up to 39 dB


**safety**

up to RC2

**glazing package**

4/12/4/12/4

 $U_g = 0.7 \text{ W/m}^2\text{K}$ 

4/14/4/14/4

 $U_g = 0.6 \text{ W/m}^2\text{K}$ 
**thermal transmittance**
 $U_w = 0.89 \text{ W/m}^2\text{K}$ 
 $U_w = 0.79 \text{ W/m}^2\text{K}$

ALU SLIDING DOORS

# JustSlide Alu

The JustSlide Alu sliding door system allows for the creation of panels with very large dimensions and weights up to 400 kg. It features a unique design using lift-and-slide fittings. The locking mechanism around the entire perimeter of the door provides even sealing pressure, effectively protecting against wind, rain, and noise.



**number of chambers**  
5 / 3



**installation depth**  
172 mm



**Threshold height**  
48 mm



**sound insulation**  
up to 45 dB



**safety**  
up to RC2

**glazing package**

4/18/4/18/4  
 $U_g = 0.5 \text{ W/m}^2\text{K}$

33.1/18/4/18/33.1  
 $U_g = 0.5 \text{ W/m}^2\text{K}$

**thermal transmittance**

$U_w = 0.91 \text{ W/m}^2\text{K}$

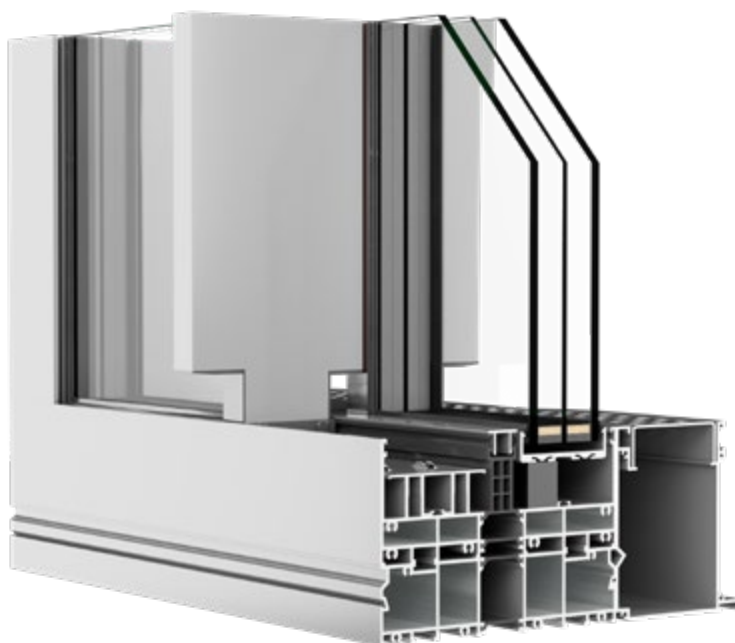
$U_w = 0.82 \text{ W/m}^2\text{K}$



ALU SLIDING DOORS

# VisionSlide 190

These are sliding doors with a hidden frame and panels flush with the door jamb profiles on the sides. The system allows for a seamless passage from the interior to the terrace without a threshold. The slim profile design enables the creation of large glazing areas with very narrow division lines. The visible width of the door stile at the meeting point of the panels is only 25 mm.


**profile system**

Aluprof MB Skyline


**number of chambers**

3


**installation depth**

190 mm

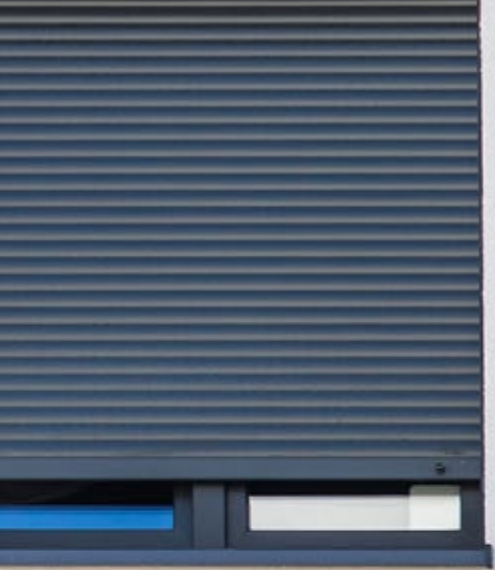
**glazing package**

6/18/6/18/6

 $U_g = 0.5 \text{ W/m}^2\text{K}$ 

6/18/6/18/44.2

 $U_g = 0.5 \text{ W/m}^2\text{K}$ 
**thermal transmittance**
 $U_w = 0.94 \text{ W/m}^2\text{K}$  $U_w = 0.94 \text{ W/m}^2\text{K}$





ROLLER SHUTTERS

# Front-mounted or surface-mounted roller-shutters?

## **Which shutters should you choose?**

Front-mounted and surface-mounted roller shutters differ in terms of where and how they are fitted, the installation method, and the level of thermal and acoustic insulation. When choosing the type of roller shutters, the stage of the investment is also important - the installation of some models should be planned already at the building design stage. When choosing roller shutters for your house, you should also decide whether you want the box with the curtain to be built-in or visible.

### **Front-mounted roller shutters**

Front-mounted roller shutters are installed in the recess as a set with the window. This solution is commonly used in both new buildings and building modernisations. The roller shutter box can be covered completely, only from the inside, only from the outside or remain uncovered. Optionally, some models of front-mounted roller shutters can also be equipped with mosquito nets.

### **Surface-mounted roller shutters**

Surface-mounted roller shutters are mainly intended for use in already existing buildings. Their installation does not require window replacement. The shutter is rolled up to an aluminium box on the wall or in the frame. Surface-mounted roller shutters can be equipped with an additional mosquito net that works independently. They can also be installed evenly, in which case both the box and the guides are hidden in the window recess. They provide excellent thermal insulation and do not interfere with the construction of the window.

# Roller shutter parameters



## front-mounted

## roller shutter box

## height of the box [mm]

ROKA-TOP® 2

Styropor®

250, 300

ROKA-TOP® 2 RG

Styropor®

250, 300

RK Therm

PVC, styrodur

260, 305

Veka Variant 2.0

PVC

175, 210, 235

RMK

PVC

170, 210, 240

## surface-mounted

SP, SP-E

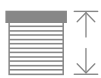
aluminium

137, 165, 180, 205

SK, SKO

aluminium

137, 165, 180, 205



**maximum roller shutter  
height [m]**



**thermal transmittance**



**sound insulation**

3.9 m

U<sub>sb</sub> < 0,59 W/m<sup>2</sup>K

up to 58 dB

3.9 m

U<sub>sb</sub> < 0,48 W/m<sup>2</sup>K

up to 55 dB

3.9

U<sub>sb</sub> < 0.4 W/m<sup>2</sup>K

up to 51 dB

3.5

U<sub>sb</sub> < 0.76 W/m<sup>2</sup>K

up to 43 dB

3.9

U<sub>sb</sub> < 0.8 W/m<sup>2</sup>K

up to 47 dB

3.5

-

-

3.5

-

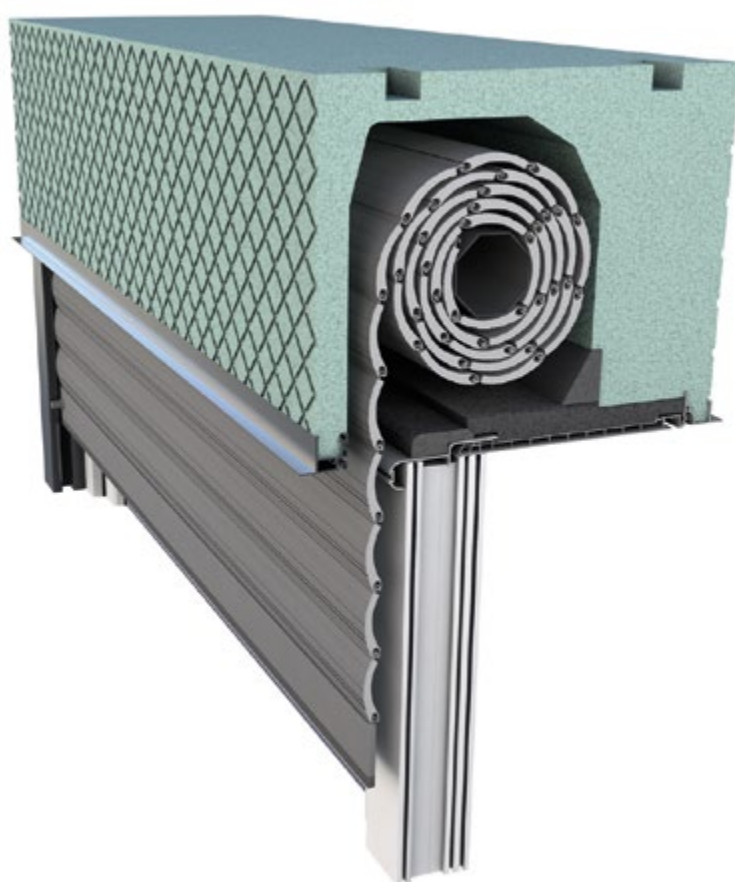
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## FRONT-MOUNTED ROLLER SHUTTERS

## ROKA-TOP® 2

The standard version of the box is characterized by high rigidity and stability. The side panel made of PVC foam, mounted to the frame, provides excellent insulation and an attractive appearance. This technologically advanced solution is perfect for both new and renovated buildings.



**roller shutter box**  
Styropor®



**height of the box**  
250 mm / 300 mm



**colouring**  
12 standard colours



**maximum roller shutter height**  
3.9 m



**mosquito net**  
optional



**drive**  
tape, motor or crank



## FRONT-MOUNTED ROLLER SHUTTERS

# ROKA-TOP® 2 RG

A tight and durable system recommended for both new and renovated energy-efficient and passive buildings. An additional foam profile, a sealed lintel, and a revision flap located on the lower side of the box ensure high thermal and acoustic insulation of the structure.



**roller shutter box**  
Styropor®



**height of the box**  
250 mm / 300 mm



**colouring**  
12 standard colours



**maximum roller shutter height**  
3.9 m



**mosquito net**  
optional



**drive**  
tape, motor or crank

## FRONT-MOUNTED ROLLER SHUTTERS

# RK Therm

This is an innovative roller shutter which will reduce your expenses for heating and cooling, even by 30% in a year! The advantage of this system is that you can encase the shutter box and guides.



**roller shutter box**  
PVC, styrodur



**height of the box**  
260, 305 mm



**colouring**  
6 standard colours



**maximum roller shutter height**  
3.9 m



**mosquito net**  
optional



**drive**  
tape, motor or crank

## FRONT-MOUNTED ROLLER SHUTTERS

# VEKA Variant 2.0

Veka Variant 2.0 is an external roller shutter with very high energy-saving and acoustic insulation parameters. Optionally available with an integrated mosquito net.



**roller shutter box**  
PVC



**height of the box**  
175, 210, 235 mm



**colouring**  
10 standard colours



**maximum roller shutter height**  
3.5 m



**mosquito net**  
optional



**drive**  
tape, motor or crank

## FRONT-MOUNTED ROLLER SHUTTERS

## RMK

The RMK roller shutter creates a smooth image with the window. The front of the shutter can be a base for any finishing material to make this element of the facade imperceptible.



**roller shutter box**  
PVC



**height of the box**  
170, 210, 240 mm



**colouring**  
6 standard colours



**maximum roller shutter height**  
3.9 m



**mosquito net**  
optional



**drive**  
tape, motor or crank

## SURFACE-MOUNTED ROLLER SHUTTERS

## SP, SP-E

A recessed system mounted within the wall cavity above the window opening. The components of the recessed roller shutter do not interfere with the window, door, or lintel construction, preserving the building's integrity. After plastering, the roller shutter box is invisible and the inspection hatch, rails, and guides can be colour-matched to the window frame.



**roller shutter box**  
aluminium



**height of the box**  
137, 165, 180, 205 mm



**colouring**  
4 standard colours



**maximum roller shutter height**  
3.5 m



**mosquito net**  
optional



**drive**  
tape, motor or crank

## SURFACE-MOUNTED ROLLER SHUTTERS

## SK, SKO

This system is mainly used in existing buildings. The roller shutter boxes in this system are made of high-quality aluminium sheets. It is also possible to use a pentagonal (SK) or oval (SKO) box.



**roller shutter box**  
aluminium



**height of the box**  
137, 165, 180, 205 mm



**colouring**  
4 standard colours



**maximum roller shutter height**  
3.5 m



**mosquito net**  
optional



**drive**  
tape, motor or crank

# Drive

## **Manual drive**

Manual drive is a cheaper solution but requires more effort to operate the roller shutters (especially if there are many roller shutters to operate or they are larger in size). We also offer retractors operated by means of a tape.

## **Automated drive**

Automatic control allows the raising and lowering of the roller shutter curtain by means of an electric motor. The control can take place centrally (for a group of roller shutters) or individually (for each individual roller shutter) by means of wall buttons, remote controls, or mobile applications.

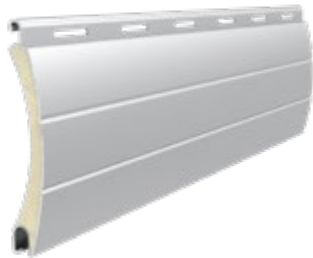
## **Control options**

Modern technological solutions make it possible to automate the raising and lowering of the curtain at a predetermined time or when the first rays of sunlight or rainfall appear. Roller shutters can be programmed to raise to a user-defined degree. Options available include key switch, remote control, remote control with timer, and Home Server (they can be freely combined with one another).

# Roller shutter curtains

Filplast roller shutter curtains are made of high-quality aluminium sheets covered with a two-layer varnish coating. They are resistant to abrasion and weather conditions and are characterised by high thermal and sound insulation.

## Pa 43



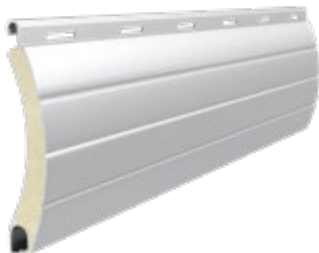
**maximum width**

3000 mm

**maximum surface area**

7 m<sup>2</sup>

## Pa 52



**maximum width**

3500 mm

**maximum surface area**

8 m<sup>2</sup>



# Colours

## Standard colours

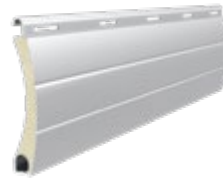
white



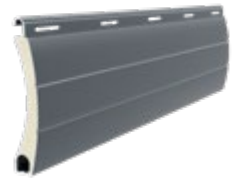
grey



silver



anthracite grey



beige



golden oak



walnut



dark brown



## Special colours

ivory



cream white



wenge



wood dark



brown



mahogany



quartz grey



light grey



grey aluminium



black



basalt grey









VENETIAN BLINDS

# Why should you choose our external venetian blinds?

Facade blinds are elegant and modern aluminum sun protection systems installed on the exterior. Their lightweight and simple construction allows them to be used as covers, even for very large glazing areas.

They effectively protect against the sun and allow users to freely regulate the amount of light entering the room. The advantage of venetian blinds, in comparison to roller shutters, is that they can change the the slat angle (90 and 180 degrees), making it possible to set the degree of light penetration into the interior.

## **Covering of large glazing areas**

External blinds are one of the most popular forms of sun protection systems. With facade blinds, it is possible to cover a much larger area than in the case of external roller shutters.

## **Control options**

The control of the blinds can be fully automated using remote control or switch. The blinds can also be integrated with smart home solutions, e.g. weather sensors, making it possible to track the sun and adjust the degree of tilting of the slats to the angle of incidence of the sun's rays.

## **Weather resistance**

The blinds are resistant to weather conditions and mechanical damage. However, it is worth equipping them with a wind sensor so that they will automatically roll when unfavorable weather conditions occur. Depending on the dimensions and the system used, they can reach wind resistance parameters of up to class 4 (for blinds with an aluminium guide) or class 3 (for blinds with a cable guide).

## VENETIAN BLINDS

# ROKA-TOP® 2 SHADOW

The combination of Neopor® and Styropor® materials with a tight construction ensures excellent properties in protecting against temperature differences, wind, and moisture. Thanks to the stabilizing brackets embedded in the foam, reinforcements from window profiles, and innovative mounting solutions, the structure is durable, stable, and easy to install.

**Blind slats**

C80

C80 flat

Z90

**maximum dimensions**

5000 x 2800 mm

4000 x 4000 mm

5000 x 3300 mm

**colouring**

15 RAL colours

6 RAL colours

14 RAL colours

## VENETIAN BLINDS

# BOX / TENBOX

The façade blind is a modern and functional solution that provides effective sun protection and improves thermal comfort indoors. It can be installed on the façade in a flush-mounted or surface-mounted version, with an option for additional insulation. Thanks to adjustable slats, it allows precise control of the amount of light entering the room.

**Blind slats**

C80

Z90

**maximum dimensions**

5000 x 4000 mm

5000 x 4400 mm

**colouring**

15 RAL colours

14 RAL colours

## SLOPED EXTERIOR BLINDS

# FLEXI

An ideal solution for non-standard window shapes. Aluminium slats align parallel to the upper window frame, creating an original, striking pattern. The blind is equipped with a special mechanism that adjusts the lengths of textile strips when the blind is lowered and raised. The telescopic bottom rail allows for adjusting the width of the blind depending on its position relative to the upper frame.

**Blind slats**

C80 flat

**maximum dimensions**

2500 x 4000 mm

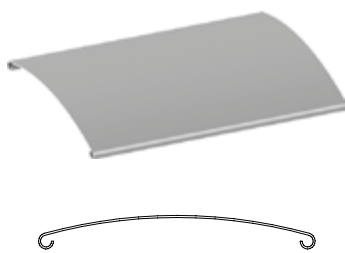
**colouring**

8 RAL colours



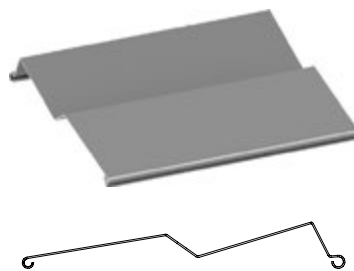
# Blind slats

**C80**



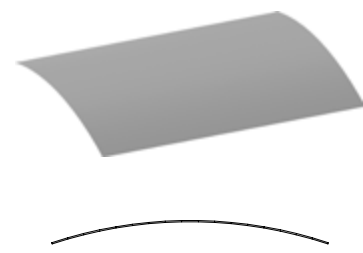
C-shaped slats made of aluminium sheet with a thickness of 0.4 mm

**Z90**



C-shaped slats made of aluminium sheet with a thickness of 0.4 mm

**C80 flat**



Z-shaped slats providing greater shading.

light aluminium  
RAL 9006



dark aluminium  
RAL 9007



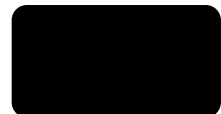
metallic graphite  
DB 703



anthracite  
RAL 7016



deep dark  
RAL 9005



light gray  
RAL 7035



grey black  
RAL 7021



graphite gray  
RAL 7024



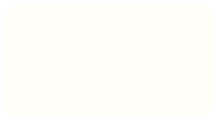
basalt gray  
RAL 7012



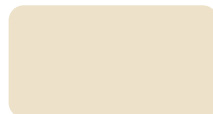
metallic bronze  
VSR 780



pure white  
RAL 9010



light beige  
RAL 1013



beige  
VSR 240



sepia brown  
RAL 8014



*The colour availability for C80 Flexi is determined individually.*





# TERRACE SHADES





# Pergola

Free-standing or wall-mounted canopy with adjustable blades. Comfortable to use, modern, and highly effective solution that protects against both sun and rain . The side walls of the pergola can be permanently enclosed or equipped with movable screens or textile blinds.



## PERGOLA

# SB 400

The SB 400 pergola is available in custom dimensions as a freestanding, wall-mounted, or independent roof module. The movable roof blades of the pergola are made of extruded aluminium. The blades are operated by an electric motor. The system is equipped with two drainage gutters containing drainage holes through which water flows directly into the columns.

**width**

up to 400 cm

**height**

up to 280 cm

**reach**

up to 700 cm (every 20 cm)

**angle of blade rotation**

0°- 90°/ 0°- 120°

**control**

electric

**colour scheme**

3 standard colours

# 3 construction variants

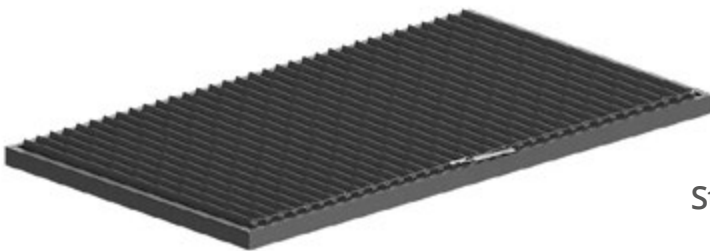


## Detached Pergola

The SB 350 and SB 400 pergolas can serve as fully independent structures tailored to the size of a terrace or pool area, as a garden gazebo.

## Wall-mounted pergola

The SB 400 pergola can also be attached to an external wall using dedicated support brackets. In this set-up, the pergola becomes a natural extension of the living space.



## Stand-alone roof module

The roof of the SB 400 pergola can be installed separately, independently of the system. This solution allows for the creation of both single-module structures and linearly connected configurations.

## PERGOLA

# SB 350

The SB 350 pergola is available only as a free-standing option in fixed dimensions. The pergola roof is made of flat blades that facilitate water drainage and, when closed, create a smooth surface. The rotation of the blades is powered by an electric motor. The system is equipped with two drainage gutters containing drainage holes through which water flows directly into the column.



**width**  
350 cm



**height**  
250 cm



**reach**  
340 / 385 / 430 / 475 cm



**angle of blade rotation**  
0° - 120°



**control**  
electric



**colour scheme**  
2 colours



# Screens

Screens are modern external blinds recommended primarily for shading large glass surfaces and enclosing walls of gazebos and pergolas. They are made of special technical fabrics that effectively reduce the overheating of spaces.

They can also serve as mosquito screens, protect against wind, and eliminate light reflections indoors, improving the comfort of using TV and computer screens.



## SCREENS

# ZIIP

External textile blinds are designed so that the fabric is constantly tensioned, regardless of its position. This feature allows the blinds to be used even in windy conditions.



### Features

- high wind resistance – class 6 (480 Pa)
- electric drive
- the structure can be painted in any colour from the RAL palette
- connection of the fabric to the guide using a zip mechanism
- guide with compensating seal system
- recessed or wall-mounted cassette made of extruded aluminium; front revision of the cassette
- covers of the moving parts are designed and manufactured to ensure safe operation
- can be integrated into a smart home system



**maximum dimensions**

400 x 400 cm



**control**

electric



**fabrics**

20 patterns

## SCREENS

# ZIIP fabrics

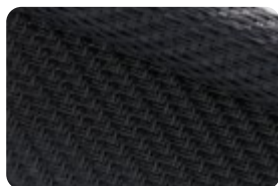
### SERGE 100

1% transparency

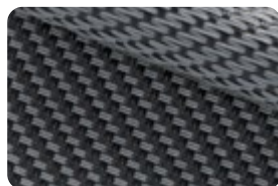
bronze bronze



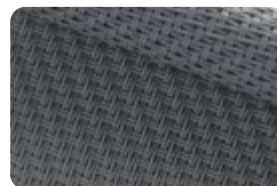
charcoal charcoal 10010



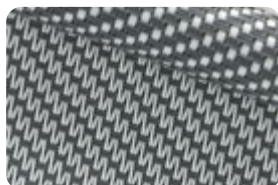
grey charcoal 01010



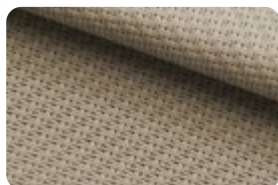
grey grey 01001



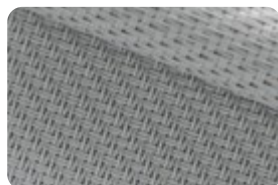
grey white 01002



linen linen



pearl grey 07007



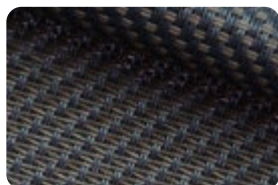
white white 02002



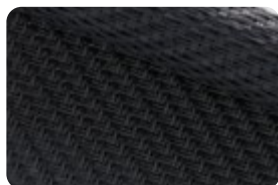
### SERGE 600

5% transparency

charcoal bronze



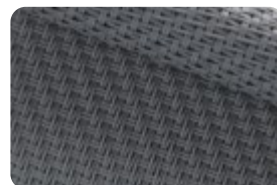
charcoal charcoal 10010



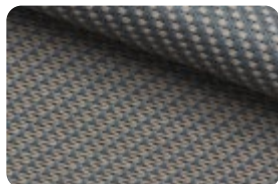
grey charcoal 01010



grey grey 01001



grey sand



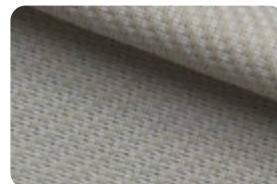
grey white 01002



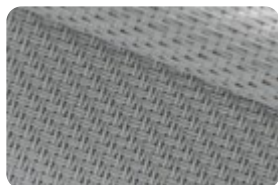
linen linen



linen white



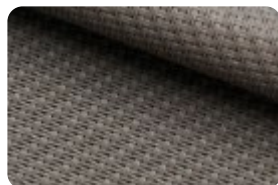
pearl grey 07007



pure black



sandstone



white white 02002



## HORIZONTAL SCREENS

# Veranda

Sun protection for horizontal windows (skylights) or sloped surfaces of roofs and winter gardens. It can be mounted indoors and outdoors.



### Properties

- wide range of fabrics
- the structure can be painted in any colour from the RAL palette
- built-in fabric tensioning system
- the system operates at any angle of inclination (while keeping the cassette horizontally positioned)
- electric drive
- construction made of extruded aluminium
- internal or external installation
- option to create modules
- can be integrated into a smart home system



**maximum dimensions**

450 x 500 cm



**control**

electric



**fabrics**

147 patterns





# Awnings

Awnings allow for shading large areas while maintaining compact construction dimensions. The fabric used in awnings ensures comfortable outdoor living, even on the hottest days. The cassette is mounted directly on the building's wall.

# Palladio

The Palladio terrace awning offers an optimal balance of quality and price. The fabric rolls into a cassette and the front beam closes the cassette, providing a tight protection for the fabric. Installing the cassette does not require specialised equipment or skills. It can be done independently by attaching the structure to wall brackets, rafters, or ceiling mounts.



## Properties

- can be fully automated, including using a weather sensor
- can be integrated into a smart home system
- Flyer chains in the arms ensure durability and reliable operation for many years
- high-quality acrylic fabrics are additionally treated with a Teflon-based impregnation, providing high resistance to weather conditions
- construction made of extruded aluminium
- easy installation



**maximum reach**  
360 cm



**tilt angle**  
5° - 50°



**fabrics**  
147 patterns



**maximum width**  
700 cm



**control**  
manual or automatic



**colour scheme**  
5 standard colours







GARAGE DOORS



# Sectional or rolling garage doors?

## **Which garage door should you choose?**

Garage doors do not only protect from the negative effects of weather conditions but also protect cars against theft and prevent access to the house from the outside. When choosing the door type, you should pay attention to the space available for installation, your preferences regarding the method of opening and operation, the architectural style of the building, and the appearance of neighbouring window and door structures.



### **Sectional garage doors**

Sectional garage doors open vertically upwards, saving space in front of and inside of the garage. The individual elements are placed flat under the ceiling. They stand out from all available types of garage doors with the highest degree of thermal and acoustic insulation. They are durable and resistant to weather conditions.




### **Rolling garage doors**





Rolling garage doors provide maximum availability of parking space, both inside and in front of the garage. The door curtain rolls up into the box located above the entrance so that space under the ceiling remains free. The garage door profiles are made of high-quality aluminium and filled with polyurethane foam. They are equipped with a modern drive system located outside the winding shaft.

### **Industrial gates**

Industrial gates are applicable in both small workshops and large warehouses. We offer a wide selection of industrial gates, including sectional, rolling, and high-speed gates as well as rolling grilles. Our offer also includes gates for collective garages and sports halls as well as fire gates.

# Garage door parameters

			
rolling garage doors <sup>1</sup>	manufacturer	maximum width	maximum height
Mini 55	Polfendo	4 m	3.8 m
Guard 77	Polfendo	4.5 m	3.6 m
Intense 77	Polfendo	7.1 m	6 m
sectional garage doors <sup>2</sup>			
Renomatic	Hörmann	5 m	3 m
LPU 42	Hörmann	6 m	3 m
LPU 67 Thermo	Hörmann	5 m	3 m
industrial gates <sup>3</sup>			
SPU F42	Hörmann	8 m	7.5 m
ALR F42	Hörmann	8 m	7.5 m

			
maximum surface	profile thickness	thermal transmittance	resistance to wind load
12 m <sup>2</sup>	14 mm	-	-
15.75 m <sup>2</sup>	18 mm	-	class 2
36 m <sup>2</sup>	18 mm	-	class 4
15 m <sup>2</sup>	42 mm	$U_w = 1.2 \text{ W/m}^2\text{K}$	class 3
15 m <sup>2</sup>	42 mm	$U = 1.2 \text{ W/m}^2\text{K}$	class 3
15 m <sup>2</sup>	67 mm	$U_w = 0.88 \text{ W/m}^2\text{K}$	class 3
46 m <sup>2</sup>	42 mm	-	class 3
52 m <sup>2</sup>	42 mm	-	class 3

1 Parameters for a reference structure with dimensions of 2500 x 4000 mm.

2 Parameters for a reference structure with dimensions of 5000 x 2250 mm.

3 Parameters for a reference structure with dimensions of 5000 x 5000 mm.



## ROLLING GARAGE DOORS

# Mini 55 EVO

The Mini 55 EVO garage doors are equipped with profiles filled with foam for durability and high insulation performance. They serve as multifunctional doors and are frequently chosen by customers.



**manufacturer**  
Polfendo



**profile thickness**  
14 mm



**maximum width**  
4 m



**maximum height**  
3.8 m



**colouring**  
7 standard colours



**resistance to wind load**  
-



## ROLLING GARAGE DOORS

# Guard 77

The Guard 77 garage doors are very durable and made with the use of cutting-edge technology. Their profiles are resistant to wind. They can be installed both inside and outside.



**manufacturer**  
Polfendo



**profile thickness**  
18 mm



**maximum width**  
4.5 m



**maximum height**  
3.6 m



**colouring**  
10 standard colours



**resistance to wind load**  
class 2



## ROLLING GARAGE DOORS

# Intense 77

The Intense 77 garage doors are made of materials resistant to mechanical damage and adverse weather conditions. They are designed to work in many closing and opening cycles.



**manufacturer**  
Polfendo



**profile thickness**  
18 mm



**maximum width**  
7.1 m



**maximum height**  
6 m



**colouring**  
10 standard colours



**resistance to wind load**  
class 4



## SECTIONAL GARAGE DOORS

# Renomatic

The Renomatic garage doors are made of 42 mm thick segments, which provide excellent heat insulation. Their inner part is galvanised and covered with a protective varnish. This model locks automatically into the frame when closing.



**manufacturer**  
Hörmann



**profile thickness**  
42 mm



**maximum width**  
5 m



**maximum height**  
3 m



**colouring**  
6 standard colours



**resistance to wind load**  
class 3





## SECTIONAL GARAGE DOORS

## LPU 42

The LPU 42 garage doors are made of steel sections filled with polyurethane foam. They are equipped with high-quality gaskets between individual segments as well as between the segments and the door frame for perfect heat insulation.



**manufacturer**  
Hörmann



**profile thickness**  
42 mm



**maximum width**  
6 m



**maximum height**  
3 m



**colouring**  
15 standard colours



**resistance to wind load**  
class 3





## SECTIONAL GARAGE DOORS

# LPU 67 Thermo

The LPU 67 Thermo garage doors have triple metal reinforcements at the fitting attachment places. They are equipped with double seals on the joints of the segments and a humidity sensor that regulates the ventilation of the interior, even when the doors are closed.



**manufacturer**  
Hörmann



**profile thickness**  
67 mm



**maximum width**  
5 m



**maximum height**  
3 m



**colouring**  
15 standard colours



**resistance to wind load**  
class 3



## INDUSTRIAL GATES

## SPU F42

It is an extremely durable gate. Its steel segments are filled with polyurethane foam, ensuring a great heat insulation effect. It is equipped with a finger trap protection mechanism.



**manufacturer**  
Hörmann



**profile thickness**  
42 mm



**maximum width**  
8 m



**maximum height**  
7.5 m



**colouring**  
15 standard colours



**resistance to wind load**  
class 3



## INDUSTRIAL GATES

# ALR F42

This gate is made of aluminium profiles. It can be equipped with large glazing area allowing the natural illumination of the interiors or covered with any material you name.



**manufacturer**  
Hörmann



**profile thickness**  
42 mm



**maximum width**  
8 m



**maximum height**  
7.5 m



**colouring**  
15 standard colours



**resistance to wind load**  
class 3



# Structures

Woodgrain



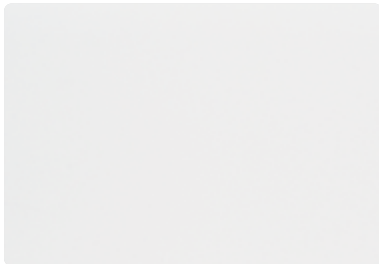
Decocolour



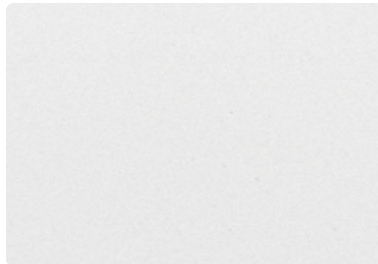
Planar (Matt Delux)



Silkgrain



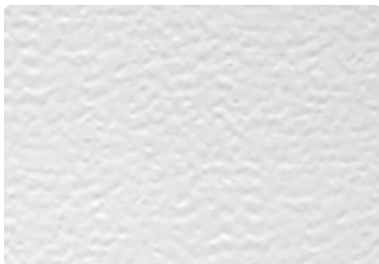
Sandgrain



Slategrain



Stucco



Micrograin



Duragrain

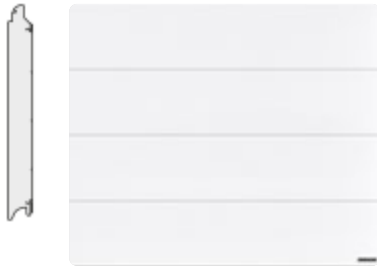


Decograin



# Embossing

Embossing L



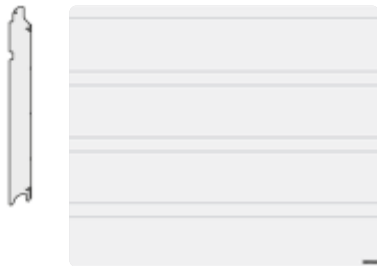
Embossing M



Embossing S



Embossing D



Coffers



	Renomatic	LPU 42	LPU 67	SPU F42
<b>Embossing S</b>		• Woodgrain		• Stucco
<b>Embossing M</b>	• Woodgrain • Decocolour	• Woodgrain • Slategrain • Silkgrain • Sandgrain • Decograin	• Silkgrain • Decograin (3)	
<b>Embossing L</b>	• Planar • Slategrain	• Planar • Woodgrain • Slategrain • Silkgrain • Sandgrain • Decograin • Duragrain	• Silkgrain • Decograin (3)	• Micrograin
<b>Embossing D</b>		• Silkgrain		
<b>Coffers</b>		• Woodgrain		

# Colours

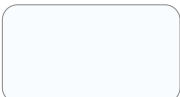





## Rolling garage doors

white RAL 9016	grey RAL 7038	white aluminium RAL 9006	anthracite grey RAL 7016	dark brown RAL 8019	brown RAL 8014
					
beige	cream*	golden oak*	walnut*		
					






## Woodgrain, Slategrain, Silkgrain

deep black RAL 9005	brown RAL 8028	grey RAL 7040	quartz grey RAL 7039	light grey RAL 7035	titan metallic CH 703
					
grey RAL 7030	anthracite grey RAL 7016	slate grey RAL 7015	basalt grey RAL 7012	grey aluminium RAL 9007	white aluminium RAL 9006
					
dark green RAL 6008	green RAL 6005	white RAL 9016	light ivory RAL 1015		
					

## Planar (Matt Deluxe)


white RAL 9016	white aluminium RAL 9006	grey aluminium RAL 9007	anthracite grey RAL 7016	brown CH 8028 mat	titan metallic CH 703
					

## Sandgrain






white RAL 9016	anthracite grey RAL 7016		golden oak	dark oak	night oak
					

\* Cannot be used with Mini 55 EVO gates






















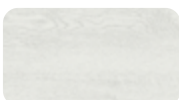



## Stucco, Microgran

white RAL 9016	white RAL 9010	white-grey RAL 9002	white aluminium RAL 9006	grey aluminium RAL 9007	deep black RAL 9005
					
anthracite grey RAL 7016	blue RAL 5010	red RAL 3000	green RAL 6005	brown RAL 8028	
					

## Decograin (veneer)

golden oak	dark oak	rosewood*	winchester*	night oak*	titan metallic CH 703
					

## Duragrain

concrete	beige	moca	grigio	grigio scuro	rusty steel
					
bamboo	cherry	fichte	malt oak	nature oak	noce sorrento balsamico
					
noce sorrento natur	sapeli	rusty oak	sheffield	used look	teak
					
walnut kolonial	walnut terra	white brushed	white oak	whiteoiled oak	whitewashed oak
					
burned oak					
					

\* Cannot be used with LPU 67 Thermo gates.





A high-angle, low-perspective shot of a modern interior space. The floor is made of large, light-colored square tiles. A large glass partition runs diagonally across the frame, reflecting the ceiling and floor. To the right of the glass, a black vertical panel is visible. In the background, a red handbag sits on a white rectangular pedestal. The overall aesthetic is clean, minimalist, and architectural.

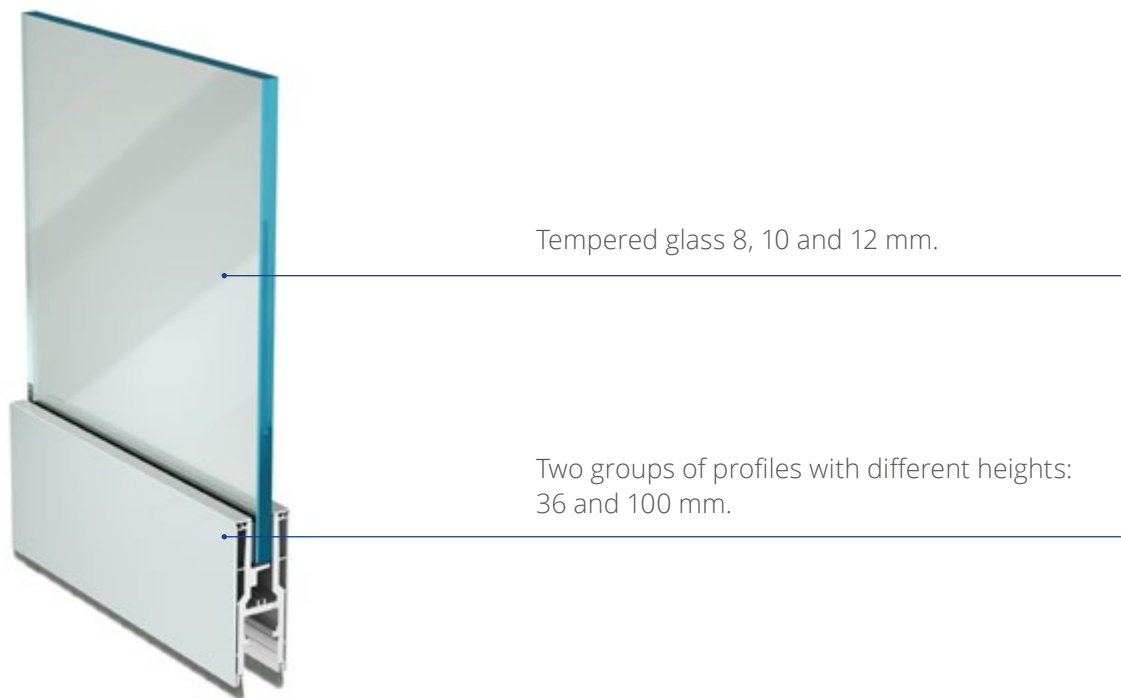
# INTERNAL WALL SYSTEMS





## INTERNAL WALL SYSTEMS

# AluWall Expo



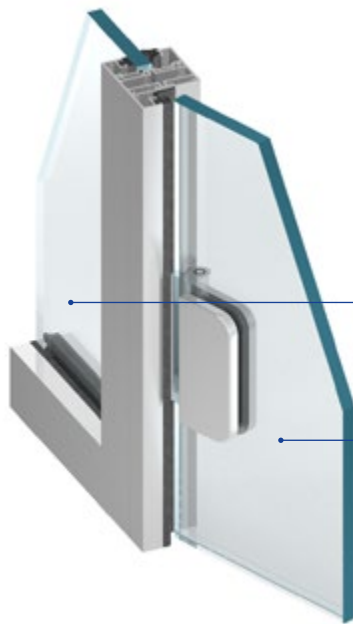
The AluWall Expo system enables the construction of high-quality glass internal walls with embedded glazed doors. The AluWall Expo Mobile system also allows the installation of parked and folding door segments in the glass partition.

The maximum height of glass in these systems is 4 m. The panes are the load-bearing elements of the structure and the glazing gaskets remain invisible from both sides of the structure. Both systems are available in a wide range of colours.

Glass partitions make it possible to divide spaces and soundproof separate rooms without restricting access to natural light while providing a sense of spaciousness. This solution is perfect for shops, shopping centres, trade fair centres, and offices.



# AluWall 45 Office



Various types of fillings and glass can be used: both single and double glazed units with thicknesses ranging from 2 to 25 mm. The system is also compatible with large-sized toughened panes with a thicknesses of 8, 10, and 12 mm.

Glazed leaves of hinged and swing doors.

The AluWall 45 Office system is used to construct various types of partition walls, windows, doors, including manual and automatic sliding doors, swing doors, and vestibules. The toughened glass can be the load bearing element of the structure. The AluWall 45 Office system is also the basis for special solutions: smoke-tight partitions and doors.







# AluWall 80 Office



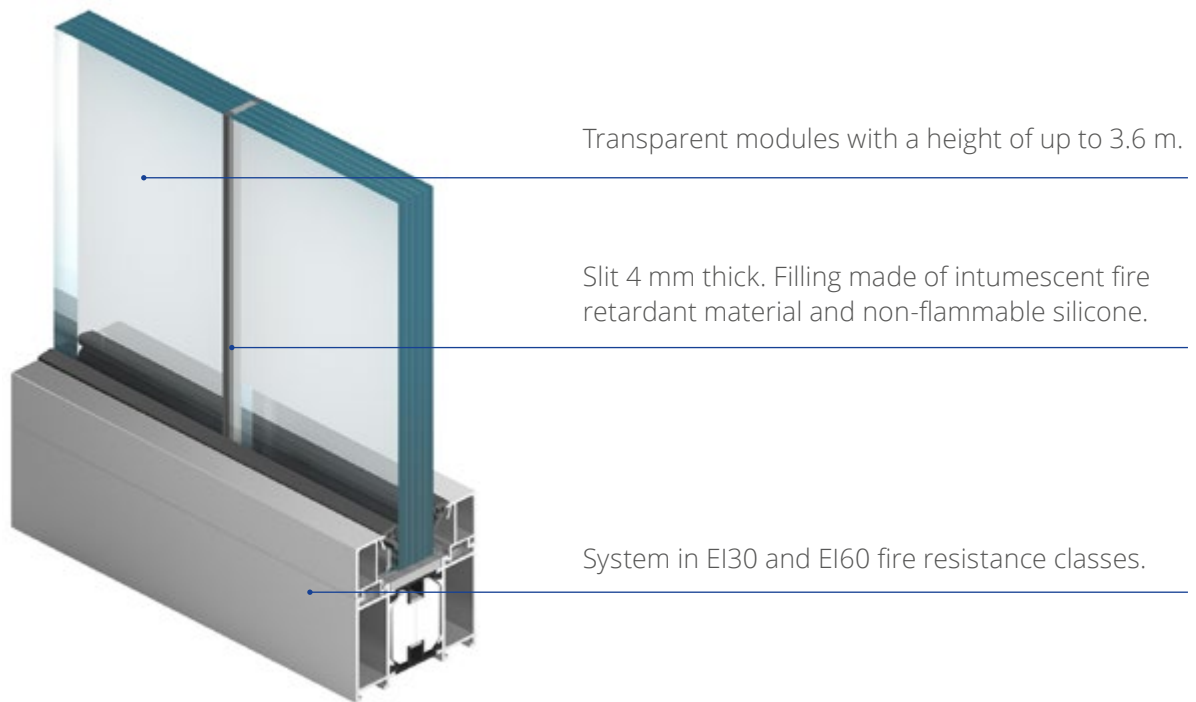
The AluWall 80 Office system allows for various types of fillings in partition constructions, including glazed units with internal blinds, furniture panels, and plasterboards. Depending on the materials used, the partitions can achieve very good acoustic insulation - up to 50 dB.

The system also allows cables to be run inside the partition and electrical sockets to be installed. Thanks to the high rigidity of the profiles, interiors can be freely arranged. For example, the partition can reach a height of up to 5.4 m with 4 mm glass panels spaced at 1.3 m intervals or up to 6.35 m with reinforced posts containing a steel core.



## INTERNAL WALL SYSTEMS

# AluWall 78EI



The system of muntin-free fire walls allows the construction of internal partitions without visible vertical profiles separating individual wall modules, while maintaining full fire resistance of the wall. The gap between the glass panes is only 4 mm and is filled with intumescent fireproof material and non-flammable silicone available in three colours: black, grey, and white.

The AluWall 78EI system enables the construction of very large internal partition walls, up to 3.6 m high.





# SPECIAL SOLUTIONS



# Filplast fire protection solutions

Our offer includes fireproof window and door systems as well as facades, partition walls, and smoke extraction systems. Fire doors are made of materials resistant to mechanical damage and ensuring high acoustic parameters.

All Filplast fire protection solutions are made on individual order based on the investor's guidelines. We offer a wide range of colours and fillings made of fireproof glass or opaque panels. We also make arched structures, often necessary in older buildings when renovated.



## What are fire doors?

Fire doors are doors with increased resistance and durability against high temperatures. Their role is to prevent fire from spreading for a defined period of time. That is possible, among others, thanks to a special threshold and a strip reducing the amount of smoke in the rooms. Their use extends the time for safe evacuation from a burning building.

## Applications of fire protection structures

Already at the design stage, it is necessary to plan solutions that will help to protect the health and life of people inside and limit the spread of fire in the building in emergency situations that cannot be foreseen.

Filplast smoke and fire protection systems allow you to design various fire zone elements to ensure efficient evacuation in case of danger caused by fire.

## Safety classes

Safety classes refer to the tightness and insulating power of particular fire resistant constructions in a specified time. Tightness (E) means resistance to flames or high temperature. Insulation (I) defines the resistance of materials to overheating.

Our solutions cover the following classes:

- EI 15 - fire resistance up to 15 minutes
- EI 30 - fire resistance up to 30 minutes
- EI 60 - fire resistance up to 60 minutes
- EI 90 - fire resistance up to 90 minutes

## FIRE DOORS

# AluStar 78EI

This system is used to create interior and exterior fire partitions with single- and double-leaf doors with different fire resistance classes. It is characterised by high thermal and acoustic insulation properties.



### profile system

Aluprof MB 78EI



### number of chambers

3



### installation depth

78 mm

**filling thickness**

up to 49 mm

**thermal insulation**

from 1.97 W/m<sup>2</sup>K

Windows

Roller shutters

Doors

Terrace systems

Garage doors

Venetian blinds



