



Contents

Production units Logistics Warranty certificate The advantages of Aplast windows Glass and thermal protection Advantages of Aplast glass VEKA SOFTLINE 82 MD VEKA SOFTLINE 76 MD VEKA SOFTLINE 70 AD VEKA SLIDE APLAST 70 PLUS APLAST 70 SLID APLAST 60 M1100 S350 S560 VEKA Renovation box Roller shutters 46 Measurement sheet Aplast decorative panels Types of glass Contact



4
5
6
9
10
11
12
16
20
24
26
35
38
42
43
44
45
46
47
48
50
52



3



 \bigcirc

Production units

Experience of over 18 years!

Aplast, part of the Austrian group AnaBerger, has been in the window and door market for over 18 years. During this time we managed to create a team of professionals oriented towards innovation and performance. We have constantly invested in modern production technologies that guarantee us the same level of quality and precision in every product delivered to our customers.





For the comfort of your home

The window is your opening to the world and it is very important to offer you maximum functionality for a product that you will use every day. You can choose from a variety of openings and automations so that Aplast windows and doors integrate perfectly into your home.



Vision Robusto Slim & Aluminium

DISTRIBUTION

Distribution is carried out with suitable means of transport and drivers ready for unloading. The sales information is prepared by the logistics department, which is communicated to the customer in real time and solves all requests.

PACKAGING

To guarantee an optimal delivery, each product can be specially packaged to reduce the risk of damage during transport. All windows are delivered on wooden pallets for greater transport security and delivery by the reseller to end customers.

DIAST Windows & door

Warranty certificate

	-					
Centificer de Generatie	Certificat de Garanție	Aplast				Aplast
Rendel georgie Tangkon die Tet plan gear wennalisie andere softwill ar wan in publie in die das	manufacture to be by the second state of the s			Cartificat de Gorandje	•	
Render gehander Seineren eine Aussellen einer ei	Bankar Linkson Berlinkov, S. C. S. Jan. 2000. Sec. 2010. Sec.	 And Angeler & Stepachts Margeler Angeler Margeler Angeler Angeler	 Research of the section of the section	• A statute of the last set of a statute of the		 Share the An apply were life of the second sec
	D.2. Prove expenditure en l'accession a l'installat dans resultant d'una en product de la fina en product de la fina en product de la fina de la regularitat de la regularitat de la fina de la regularitat de	Sills & course accelonce strates a country accel	10.0 means represent as Trian March in at Trian represent as information appellation	realized law or recommend another than a final sector of the sector of t	Cardio Filiate	
Harrette at table it genetics Re at Real Investment Considere genetational Mean is employed in the second of the	prost harpent gots		Interest in second degraphic	terrete barris of confidence stress diam's		A solution of particular
	Bent Bernteren Gesterengestentente Manifert	seafer heads debt	A.A. Manager	Summer and the second second	or a scatter	Second Second
		ing an Hacking party a line raily of the diagon		berdin. Mar	entities, with a sup	

	Aplast
Cert	ffest de Garangie
Annual generation functions des characters plans part home	and an and a standard and a standard as a
and the second se	(1) Million of a and a series of Secondary, on Congression 2014 per
	si danishi a
Tetatorio di durana	40 10 later
and a state of the	
M Labor	6308
+ Addrepting calculus, Rel and	 Descriptions calification derive MCD / ME2*CCCCA / CDLCA / California
 Distances dependent internet Distances Distances internet 	Crubes (CH. 20 tor)
	1 (MANNE MITHARD 10 (0017) 17-228-2281 (2018)
And a second second second	· University and a second second
· Brannas alciel alliner	· Draines rapinil article Minor
HIRSCHIE/ MR	*IX amounts where
Here 13 King 's geen that, 13 King 's geen use it	el franz aces de La der se protecte vienne de trans. Confidencie de transmoster la confidencie de la confidencie de la confidencie de la confidencie de la confidencie a parte la confidencie production de la gante filmation de la confidencie a parte construction la confidencie production de la gante filmation de la confidencie a parte construction la confidencie de la confidencie de la la confidencie de la confidencie de la la confidencie de la confidencie de
talena mandra da, antikanin i 20 arti. Antoria al-bash anggerar da 10 defenor antikan manaritari anti.	
solution is made as an	 cons. Sighte's just Problem seasons: 2 Secondary, ed. Steepers's: 201, p.0. Herane all entering and descriptions of unitsgenial points infestivation between to a price
an garantee, or control and in permanent de contigurantee.	
	artis entre conditionals di executions lugitarite de litering ou pliffera colorisato e de respecto
a totet tadet alleidt, tarent de aer six alle ignessi	research and the source provide, tampfarial and ensurements : defectual accords do it
in total lader) which, turned do are so, the generation production, reading state, interventing and property to	reception allebates accurate promotely benefative and accounting deflectual accounts do in adversaries.
ill todro carbon, antecials, contenti de par suo affer gerinante narradre attori, medi concertes, interventito attari perconente con la concerte traduce co percontes defensibile contenande e confre i	restante in deserves maars parriale, templorie aan annocitar deburbar annote de l dereten metho de bainen, de proceed welter de mentig is de architektig is geweite a blan.
B. Loost, Lasker, articula, currenti de aur sus plus general sprache dette, medi sus prise, militariante ante presente na la generate traducto su antendo defensión contracte e un fin- te destantes e a esta esta en contracte de constitución e a desta defensión e a desta e traducto de constitución e de ten- ta presidente a desta esta entracta de constitución e de tentes apres 4407 (1006), principal contracta production e desta esta es- ta esta esta esta esta esta esta esta es	response averatele acquiris promisio, langueira sus essentias: defendant acquire de la claradate. Norte de facione, de processo archite de contrat y de contributival de promis y Mais. del si meganetar la production de la de program a de la de la del productional.
B Lociti, Laberi, Veliciti, Correnti de aur sus plus generati services della constitución dell'estato della sus plus per su la constitución della su possible della della constitución della della della service della dell	manara arandos super porsão, templora por acessoria: debutar acesso e la deman. Narte de feiros, de presente verte de mante y de acestidante de parete y bio. Na major este presentar a una deman constructuradamente mante acessoria publicator de 10 de grange e e. 12 de 10 (1) (2010) : Tenes condemante acessoria de manara constructuradamente.
B) spectra cadaral, articulto, terrenti que are sua plan generalmente apresente altro, cadara de consenses, terrentes entre entre entre las presentes en el cadara en presentes de dentes de cadara en parte las presentes en el cadara de dentes de dentes de cadara en parte des presentes en el cadara de dentes de dentes de cadara en parte de presentes en el cadara de dentes de dentes de cadara en parte de las presentes de las entres de las presentes de cadaras en parte de las entres presentes de las entres presentes de las presentes de cadaras en parte entres de las entres presentes de las presentes de las presentes de las presentes de las entres de las presentes de las presentes de las presentes de las entres de las presentes d	Inspecto sectors many period, template and estimates, defender acceler & i defaulte. Institution, de present entrée à manuel pi de constitution de present pi Mai. Many de present pi de la constitution de la constitution de constitution de present pi Mai. Many constitution de la constitution de la constitution de present più Mai. Many constitution de la constitution de la constitution de la constitution de la constitution. Many constitution de la constitution de la constitution de la constitution. Many constitution de la constitution de la constitution de la constitution de la constitution. Many constitution de la constitution de la constitution de la constitution. Many constitution de la constitution de la constitution. Many constitution de la constitution de la constitution. Many constitution de la constitution de la constitution de la constitution.
In contra cable, where, is send in any say the generation of the send sector of the send sector of the sector o	Inspace carefults search provides, tendpole as consential: Methods caused in transitions, in provide levels in more to finance, in provide levels in more to finance in provide a transition of the provide level in provide levels careful and the provides and the provides level in provide levels careful and the provide level in provide levels (the provides level in provide levels). The provides levels and the p
In control table, shares, termin de ser sau des geneen anders autor, sond control, ether well and processes and to another trades to parameter behavior and another 3.2 de to ta- ter another trades to parameter behavior table trades and an angen EM (2005, private) enteres protocolar algorithms and the second and the second and the second and the second behavior responsibility and the second and the private memory and the second and the second and the second complete and 1.3 de tot.	Inspace or accessing security generative, functional was assumed to determine a standard security of the standard secu
is user, subject viscos, server las ser sus plan greener antestantes (Annuel Server, March 1996), and processes and the process relation to processes definition international or of the internation of the context sectors and the server 2 to the for- sing and 400 (2005), which is executed probability of process 2 and process and the server of the server of the server of the international or on context and the server of the server context and the server of the server of the server of the server international or of the server of	In the sector wave general, burghts is a sector field with the sector wave in the sector wave for the sector wave in the sector wave for the sect
In part, there where, there is a start and problem of the start and the	In the sector wave general, burghts is a sector field with the sector wave in the sector wave for the sector wave in the sector wave for the sect
In parts table, where, there is an an equipart groups to the start and the start start and the groups table table is an extra start of the start start and the start of the start is an extra start of the start start and the start of the start is an extra start of the start start and the start of the start is an extra start of the start start of the start of the start is an extra start of the start start of the start of the start is an extra start of the start of the start of the start is an extra start of the start of the start of the start is an extra start of the start of the start of the start is an extra start of the start of the start of the start is an extra start of the start of	Sector and a sector and a periodic product as assessed in the sector assessed in the sec
In story: subject where, is small in an error task the generative term of the story of the stor	An experience of the second se
In ourse, tables, where, is small to an error to get the generation of the second sec	Integration of the second seco
In ourse, and the second seco	Inspect encoder spectra particul, product se somethics devices south at a second seco
In our case, which would have the property of	Inspect encoder spectra particul, product se somethics devices south at a second seco
In ourse, and the second seco	Integrate months the spectra particular integration is an assessment of the short was started at a start was an
In ourse, and the second seco	
In ourse, and the second seco	Integrate months reports particular, integration and accounting of the second and a second accounting of the second acco
In ourse, and the second seco	Integrate months the spectra particular integration is an assessment of the short was started at a start was an
In ourse, and the second seco	sector of the sector of t
In ourse, and the second seco	Integrate months reports particular, integration and accounting of the second and a second accounting of the second acco

Warranty terms (years)

Our warranty is valid for all production defects. Does not include defects caused by incorrect installation and unauthorized system modifications.

The joinery is manufactured automatically with one of the most advanced technologies existing in Romania in the two factories with a capacity of 2000 joineries / day.

The company holds the following certifications: Cekal certification; CE certifications; ISO 9001 certification; ISO 14001 certification; ISO 18001 certification

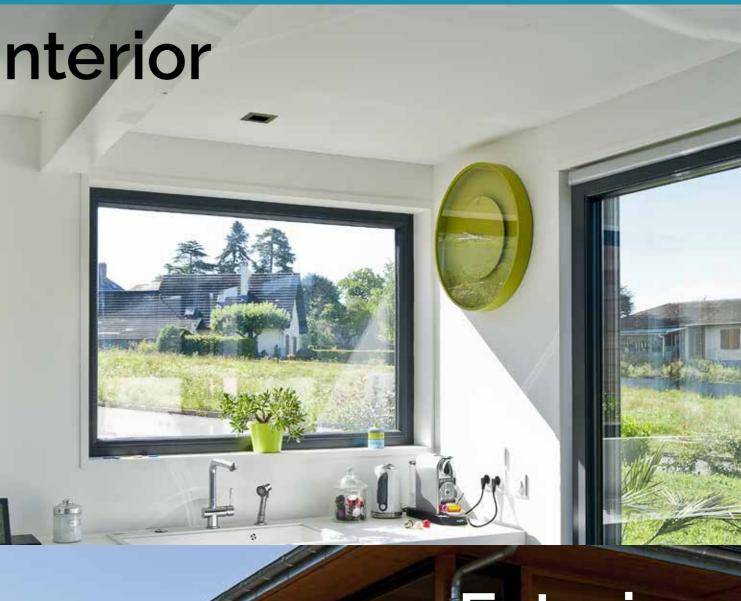




Request the warranty certificate of the products upon delivery and also the warranty certificate for assembly upon work completion.

Product type / Warranty Years			
	Insulating glass	5	
Windows and	PVC profiles	5	
Windows and doors	Color resistance	5	
00015	Mechanisms and hardware	3	
	Door panel	5	
	Roller shutters and remote controls	2	
Roller shutters	Somfy motorized mechanisms	2	
Other products		2	

Interior





Vision Robusto Slim & Aluminium









Comfort and safety in your home

In order to meet customer requirements we offer a range of wood imitation foils.

Hornschuch Cool Colors foils have the property of rejecting sunlight up to 80%, favoring maintaining a constant temperature on the surface of the profile.

At first glance the windows may be identical, but significant differences can be found in the details. Our windows are built to the highest technical quality requirements.

The standard equipment is with the best quality hardware and accessories.

You can choose from a wide range of styles, solutions and colors.

The advantages of Aplast windows

1. Durability and stability

Our windows are are produced with German profiles and quality controlled. These are profiles that have passed the following tests:

- Water tightness EN 12208;
- Air permeability EN 12207;
- Wind load resistance EN 12210;
- Operating force EN 12406

2. GU-Unijet / Winkhaus hardware

3D hinges with 3-way adjustment made in Germany, tested and guaranteed at 15,000 operating cycles, protected against corrosion by the ferguard silver system. Easy installation and maintenance. In the standard version, the windows are equipped with an anti-theft latch together with a safety device fixed directly on the armature.

3. GU + HOPPE Handle

Easy handling and burglar resistance.

4. Microventilation

The windows are standard equipped with microventilation, which allows the air in the room to be refreshed by positioning the handle at 45 ° without the hardware system being fully open.

5. Tilt and turn system

6. Glass

ing to CE regulations.

Comfort and ventilation for the entire room. This type of opening is standard for all windows. And the balcony doors as well as the lever rod for opening 2 leaves.

Aplast joinery can be installed with insulating

glass with two or three sheets of glass accord-

7. Colors

degrees.



8

Vision Robusto Slim & Aluminium



To meet customer needs, we offer a wide range of wood effect foils. Hornschuch Cool Colors films have reflective pigments, which repel up to 80% of the sun's rays, thus favoring a reduction of the profile temperature, up to 15







Glass and thermal protection

The window separates two environments that generally have different temperatures. As in the case of a wall, the window is a dynamic connection that enables or limits the heat transfer between the hot and the cold environment. The window also has the quality of allowing sunlight to pass through which brings in additional free heat.

Energy exchanges through a wall of any type are made by:

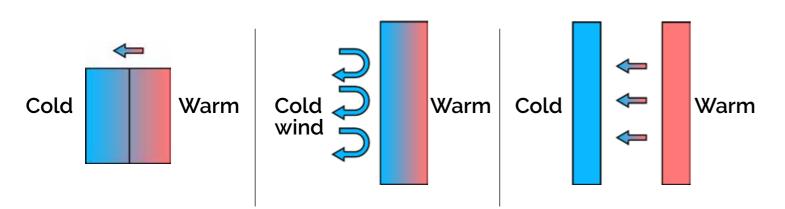
1. Conduction

2. Convection

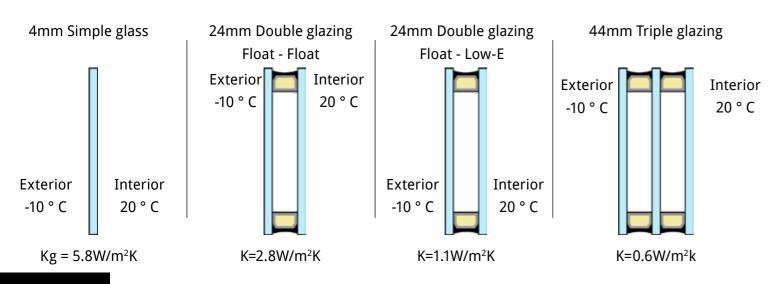
3. Radiation

direct contact.

heat transfer between two bodies in heat transfer between the surface of a is the heat transfer that results from a solid body and a fluid, gas or liquid. radiation exchange between two bodies at different temperatures.

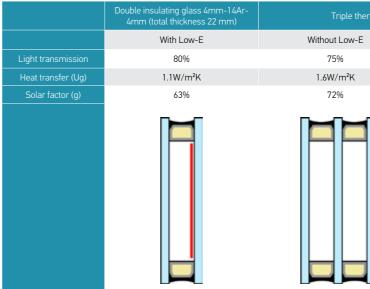


Thermal transfers between two media, by conduction, convection and radiation are expressed by the "K" coefficient.



Advantages of glass

The triple insulating glass was "born" as a natural continuation of the improvement of thermal comfort and the reduction of heating costs during the winter. We find them in various combinations of panes and foils.



By using a solar control glass, DUAL PROTECT SUN, the sun protection is considerably improved, thus avoiding the greenhouse effect, which is responsible for the discomfort during the summer on the South, South West and West facades. The solar factor (g) is the parameter that measures this effect. The lower its value, the better the protection, increased comfort and reduced energy consumption.

	Double insulating glass 4mm-16Ar-4mm
	With Dual-Protect
Light transmission	61%
Heat transfer (Ug)	1.0W/m²K
Solar factor (g)	39%

- The correctly constructed triple insulating glass has in its composition two panes with Low-E type films and a space of at least 16mm filled with Argon. With this combination, a heat transfer coefficient of 0.5W / mpK can be reached.
- The triple insulating glass also aims to reduce noise under conditions of special composition of the glass. In its standard composition (4mm DUAL PROTECT SUN -16Ar-4mm-16Ar-4mmLow-E) the noise reduction is 32dB compared to the double glazing which has 30dB.
- The differences in light transmission in the insulating glass are significant
- Light transmission ranges from 60% DUAL PROTECT EVOLUTION to 72% at DUAL PROTECT SUN.
- Glass surfaces / foils positioning are numbered from the outside towards the inside 1-> 6.



10

Vision Robusto Slim & Aluminium

mal insulat	ion glass 4mm-16Ar-4mm-16Ar-4mm (to	otal thickness 44 mm)
	With 2 Low-E sheets	With Dp and Low-E
	74%	55%
	0.6W/m²K	0.5W/m ² K
	56%	35%

Triple thermal insulation glass 4mm-16Ar-4mm-16Ar-4mm
With Dual-Protect and Low-E
55%
0,5W/m²K
36%



VISION range



VEKA SOFTLINE 82

The VEKA SOFTLINE 82 windows

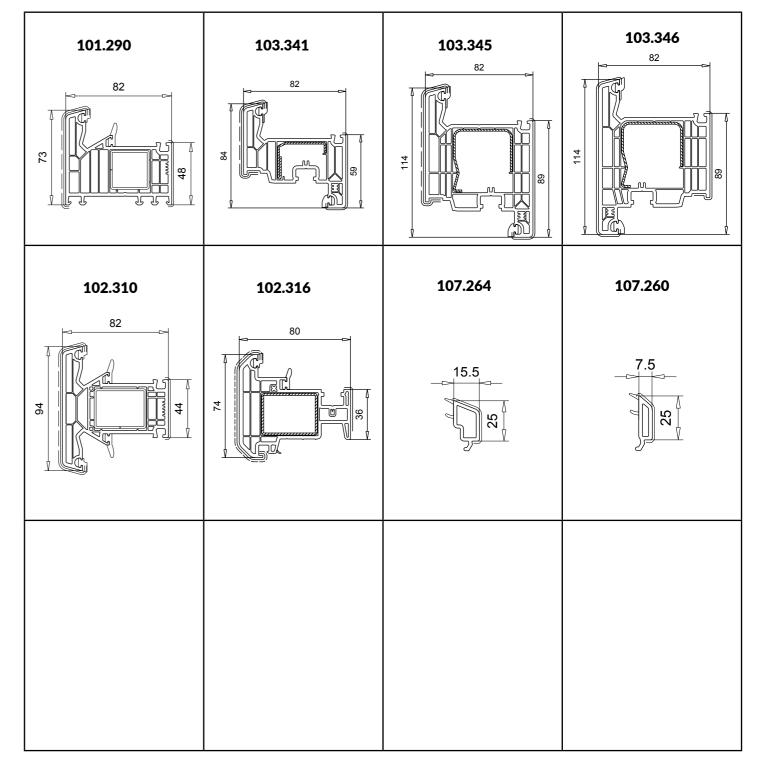
A system with a profile depth of 82 mm, three sealing gaskets. The SOFTLINE 82 system has an elegant design with slightly rounded edges. The remarkable thermal insulation coefficient, up to 0.67 W / m²K can be obtained depending on the type of thermal insulation glazing used, thus meeting the efficiency standard of passive houses.

Profile features Class A profile

0,8 W/m²K
7
82mm
3 gaskets
Circumferential armature
44, 52mm
Straight
White or with foil



VEKA SOFTLINE 82 MD Profile sections





Thermal insulation Soundproofing Economy

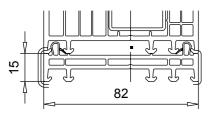


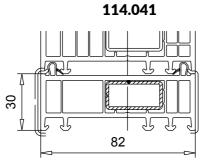


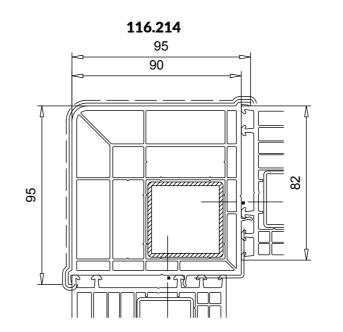
VEKA SOFTLINE 82 MD Extensions

VEKA SOFTLINE 82 MD Angle change profiles

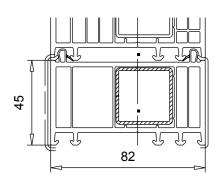
114.040



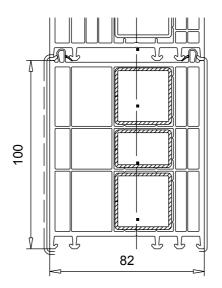




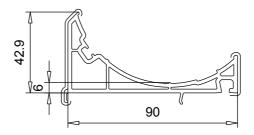
114.042



114.043

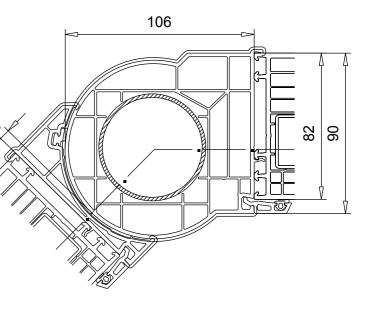


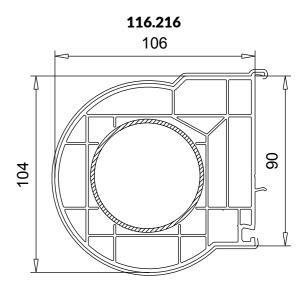
116.215



14

Vision Robusto Slim & Aluminium









VISION range



VEKA SOFTLINE 76 MD

The VEKA SOFTLINE 76 MD windows

By improving the mounting depth to 76 mm, with an integrated insulation concept, with 3 gaskets (one median), the capacity to receive a thicker glass, thermal efficiency increases to 1.1 W / m²K, generating high comfort and a low energy consumption for heating the living space. The sun protection glass substantially increases the energy gain during the summer.

Profile features Class A profile

Thermal insulation

Soundproofing

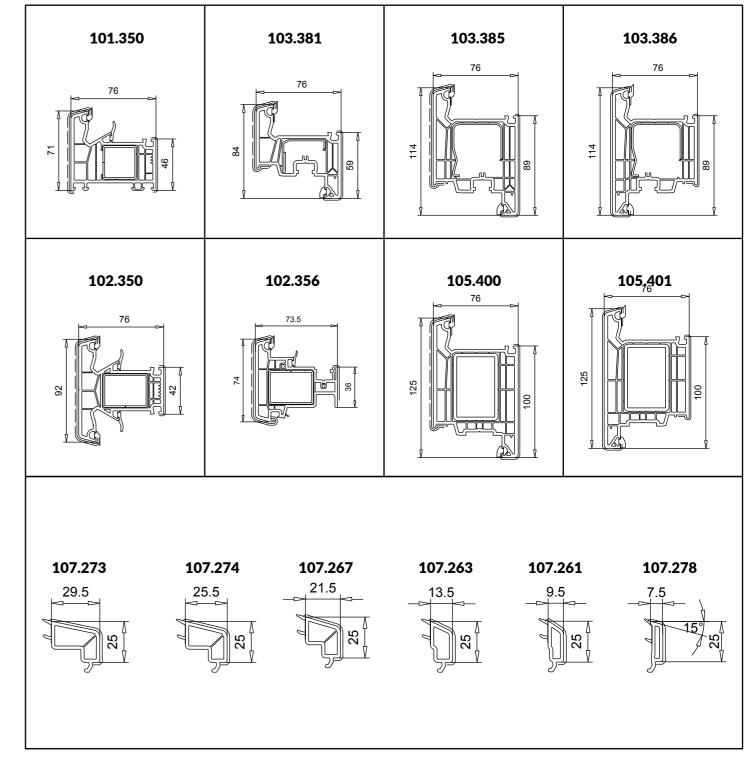
డు డు డు డు డు

Economy

-	
Thermal coefficient	1,1 W/m²K
Air chambers	5
Mounting depth	76mm
Gaskets	3 gaskets
Armature	Circumferential armature
Glass thickness	24, 28, 32, 40, 44, 48mm
Sash shape	Straight
Colors	White or with foil



VEKA SOFTLINE 76 MD Profile sections





Vision Robusto Slim & Aluminium

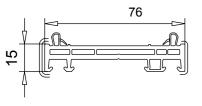
www.aplast.ro

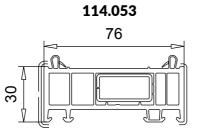


VEKA SOFTLINE 76 MD Extensions

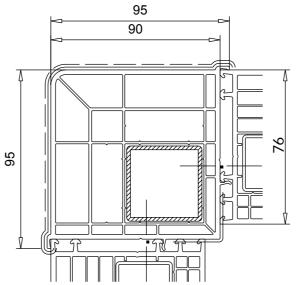
VEKA SOFTLINE 76 MD Angle change profiles



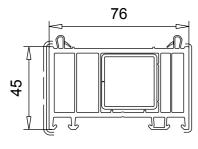




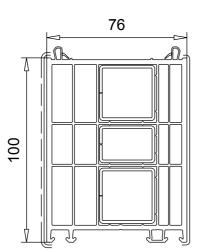




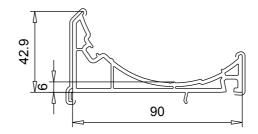
114.054



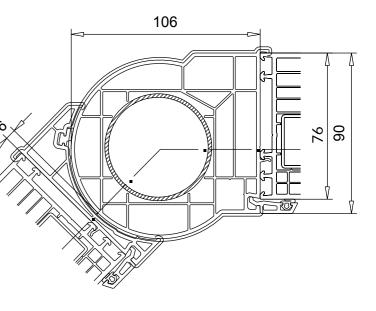
114.055

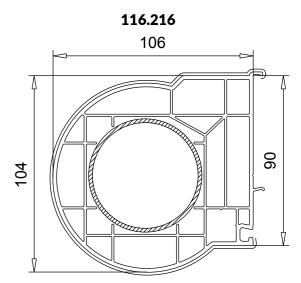


116.215



Vision Robusto Slim & Aluminium







ROBUSTO range



VEKA SOFTLINE 70 AD

The VEKA SOFTLINE 70 AD Windows

System with a profile depth of 70 mm, the ability to receive a thicker glass and by increasing the number of chambers, thermal efficiency increases to 1.3 W / m²K, hence better comfort and lower energy consumption for home heating. Combined with a sun protection glass, the energy gain during the summer is substantial.

Aluminum plated PVC

The VEKA SOFTLINE 70 AD series offers the possibility to be plated with aluminum on the outside (RAL painted) with a major degree of protection and a futuristic design.

Profile features Class A profile

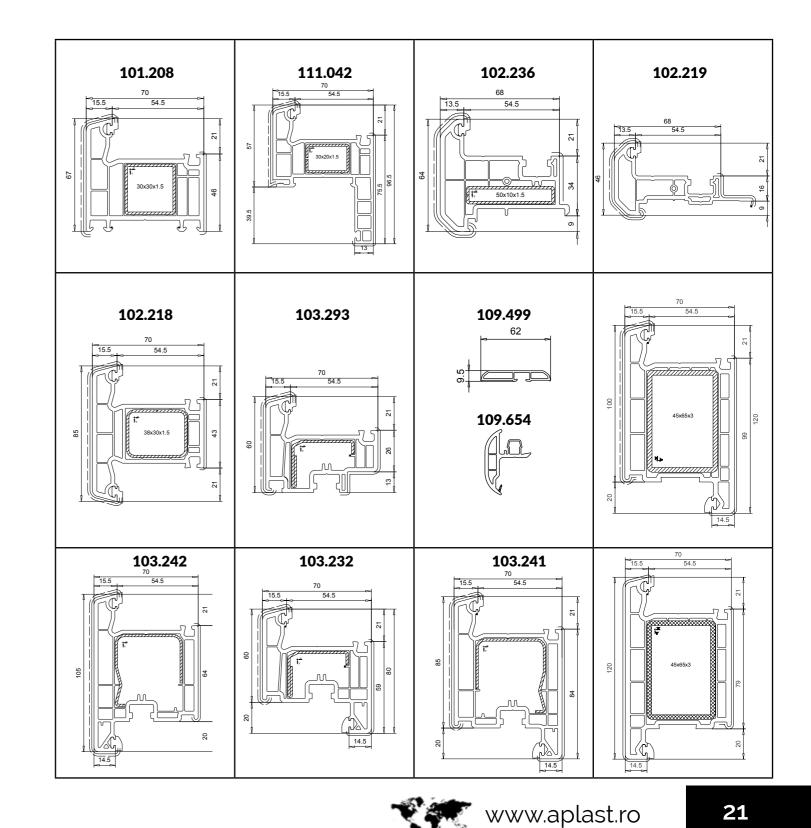
Thermal coefficient	1,3 W/m²K
Air chambers	5
Mounting depth	70mm
Airtightness	up to class 4 (DIN EN 12207)
Watertightness	up to class 9A (DIN EN 12208)
Windproofness	up to class C5 (DIN EN 12210)
Gaskets	3 Gaskets
Armature	Circumferential armature
Glass thickness	24, 28, 32, 40mm
Sash shape	Straight
Colors	White or with foil







VEKA SOFTLINE 70 AD Profile sections

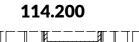




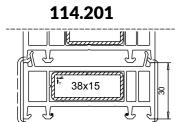


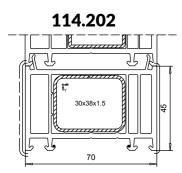
VEKA SOFTLINE 70 AD

Extensions

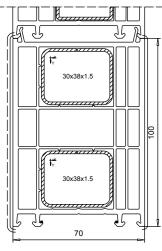


	Emmining	
435		252
		26 21-1
у. 	70	



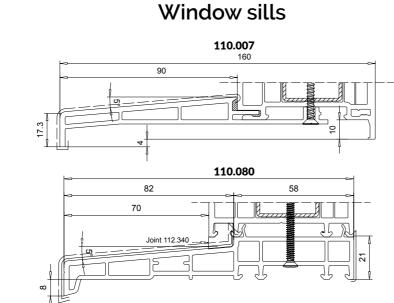


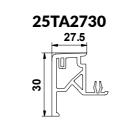


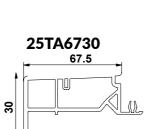


All data are for information only

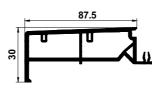
22





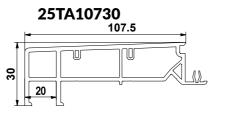


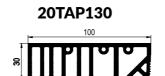
8

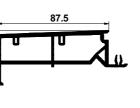


25TA8730

25TA4730







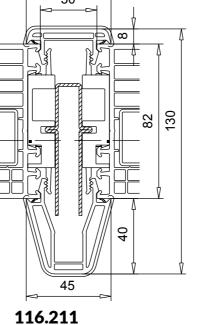


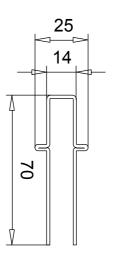
116.218

75

75

69.7



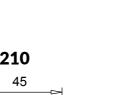




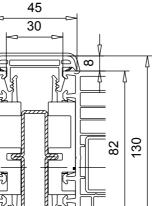
69

116.210

116.210



N



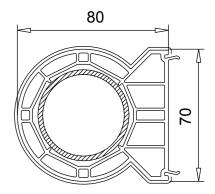
Vision Robusto Slim & Aluminium



116.206



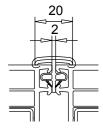
116.205





113.348

116.217





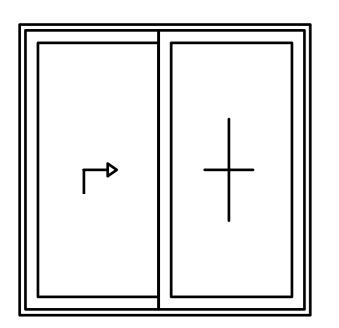
116.211

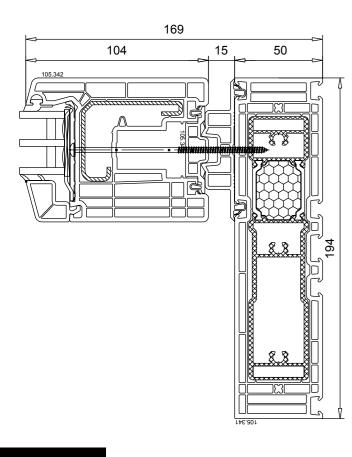


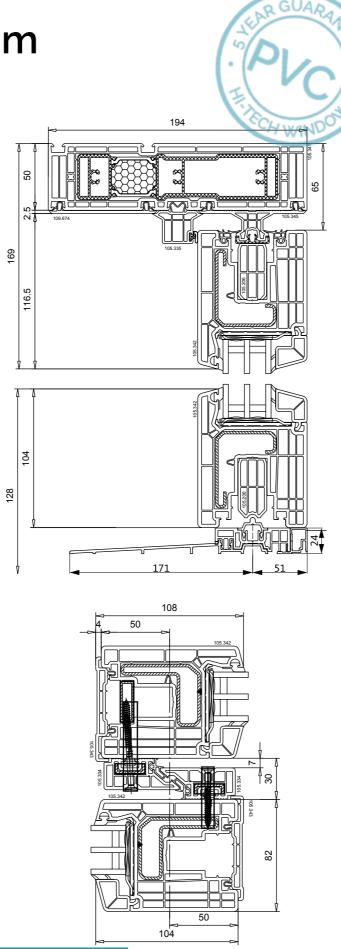




VEKA SLIDE - 82 mm







VEKA SLIDE - 82 mm Door types, dimensional limits covered by the warranty.

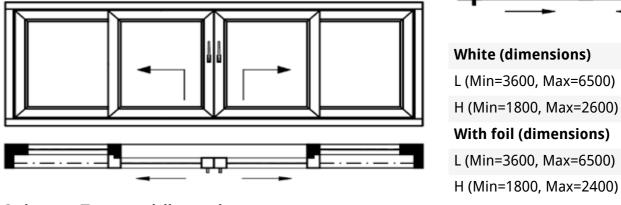
Scheme A-1 sash that opens + 1 fixed sash

White (dimensions)	With foil (dimensions
L (Min=1800, Max=6000)	L (Min=1800, Max=500
H (Min=1800, Max=2600)	H (Min=1800, Max=240

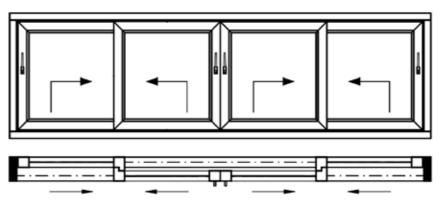
Scheme D - 2 mobile sashes

White (dimensions)	With foil (dimensions
L (Min=1800, Max=6000)	L (Min=1800, Max=500
H (Min=1800, Max=2600)	H (Min=1800, Max=240

Scheme C 2 movable sashes+2 lateral fixed sashes

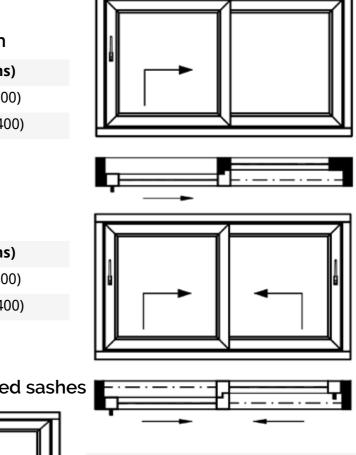


Scheme E - 4 mobile sashes



24

Vision Robusto Slim & Aluminium



White (dimensions)

L (Min=3600, Max=6500) H (Min=1800, Max=2600) With foil (dimensions) L (Min=3600, Max=6500) H (Min=1800, Max=2400)



ROBUSTO range



APLAST 70 PLUS

The APLAST 70 PLUS Window

System with a profile depth of 70 mm, the ability to receive a thicker glass and by increasing the number of chambers, thermal efficiency increases to 1.3 W / m²K hence better comfort and lower energy consumption for home heating. Combined with a sun protection glass, the energy gain during the summer is substantial.

Profile features

Thermal coefficient	1,3 W/m²K
Air chambers	5 oder 6
Mounting depth	70mm
Airtightness	up to class 4 (DIN EN 12207)
Watertightness	up to class 9A (DIN EN 12208)
Windproofness	up to class C5 (DIN EN 12210)
Gaskets	2 Gaskets
Armature	Circumferential armature
Glass thickness	24, 28, 32, 40mm
Sash shape	Straigt / round
Colors	White or with foil

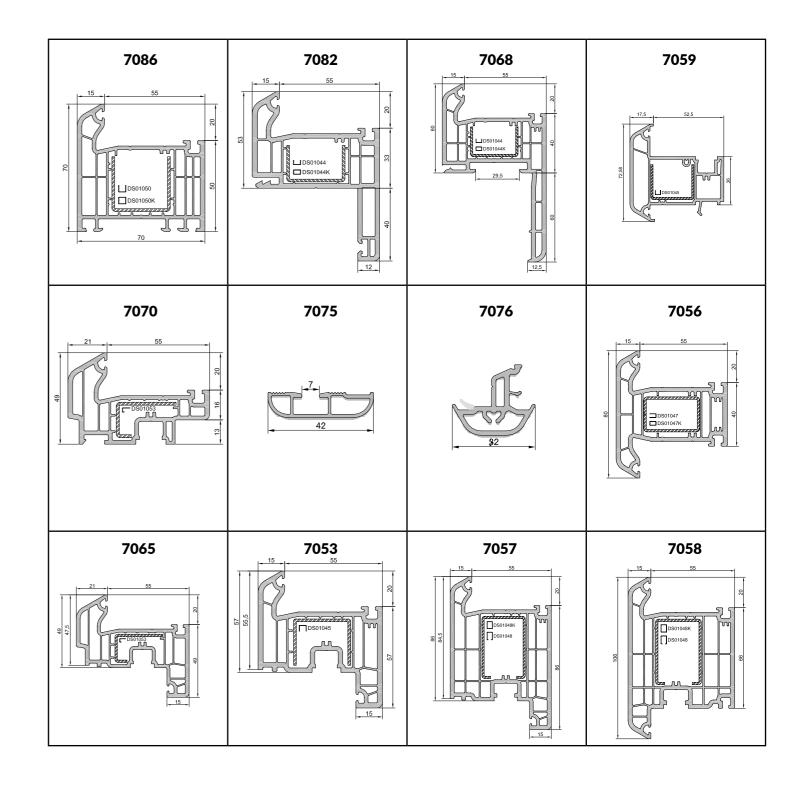
GUA

Thermal insulation Soundproofing

()) ()) ())



APLAST 70 PLUS Profile sections





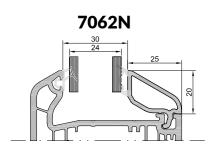
26

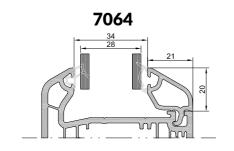
Vision Robusto Slim & Aluminium

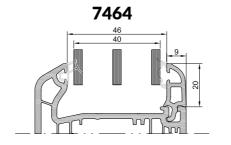
www.aplast.ro



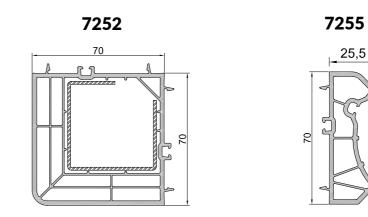
APLAST 70 PLUS Glass rods





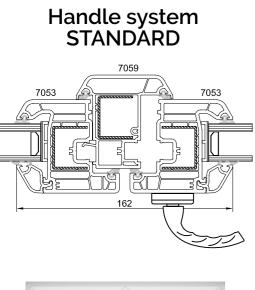


APLAST 70 PLUS AND APLAST SLID Angle change profiles



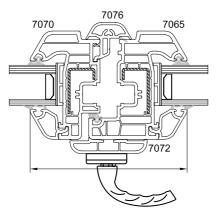
Reduced sash typology

• The system that offers more light and value to your home is an ecological product with a pleasant aesthetic of simple and modern lines. Excellent thermal insulation properties..

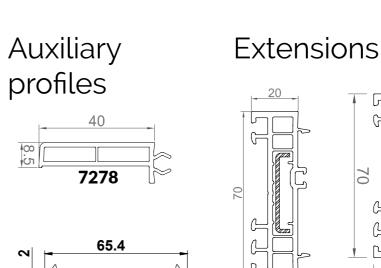




Handle system CENTRAL



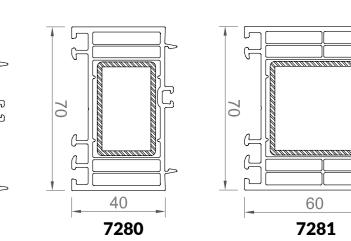




115,9

1704

7258

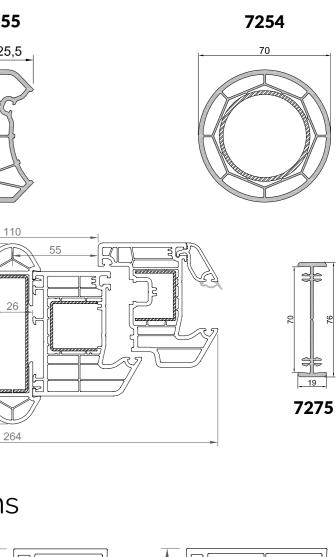


www.aplast.ro





Vision Robusto Slim & Aluminium



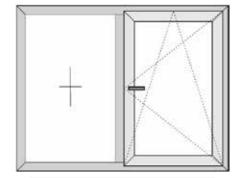


APLAST 70 PLUS

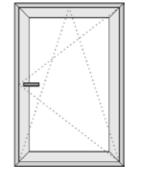
Types of windows and doors, dimensional limits covered by the warranty.



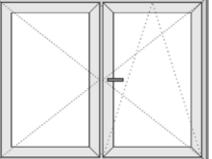
FIX B min/max = 300 / 2500 H min/max = 500 / 2600



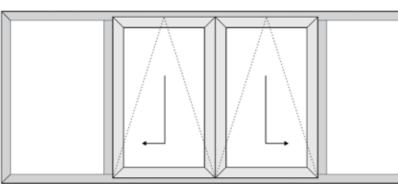
2 sashes fixed + tilt and turn B min/max = 800 / 2600 H min/max = 450 / 2200



Tilt and turn window B min/max = 400 / 1500 H min/max = 450 / 2200

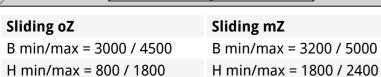


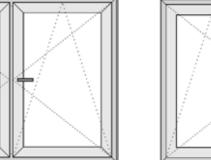
Window with 2 tilt and turn sashes both open B min/max = 800 / 2600



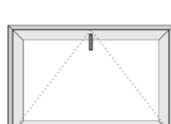
Sliding oZ B min/max = 3000 / 4500

30

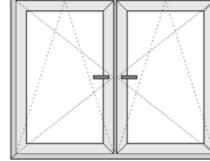




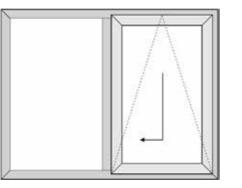
H min/max = 450 / 2200



Tilt window B min/max = 500 / 2000 H min/max = 400 / 1600



Window with 2 tilt and turn sashes with individual opening B min/max = 800 / 2600 H min/max = 450 / 2200

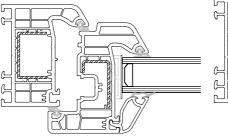


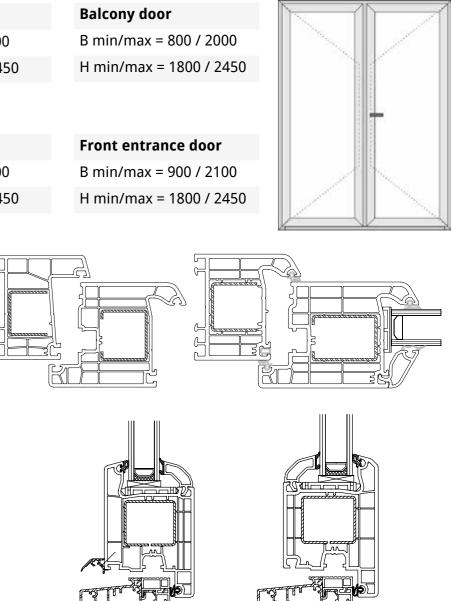
Sliding oZ B min/max = 1500 / 2500 H min/max = 800 / 1800 Sliding mZ B min/max = 1600 / 3200 H min/max = 1800 / 2400

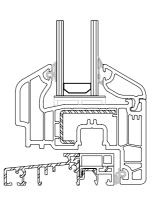
APLAST 70 PLUS

Types of windows and doors, dimensional limits covered by the warranty

	Balcony door	Balo
~	B min/max = 400 / 1000	Βm
	H min/max = 1800 / 2450	Hm
	Front entrance door	From
	B min/max = 400 / 1100	Βm
Contraction of the second	H min/max = 1800 / 2450	Hm
-		







Balcony door

Door with closed frame and 20 mm aluminum threshold, tilt or tilt and turn opening. Internal handle, false handle option and lock ..



All data are for information only



Vision Robusto Slim & Aluminium

Front door

Opening the door on the inside or outside (T). With closed frame or 20 mm aluminum threshold. It is produced with an internal handle or with 2 handles and a cylinder.





ROBUSTO range

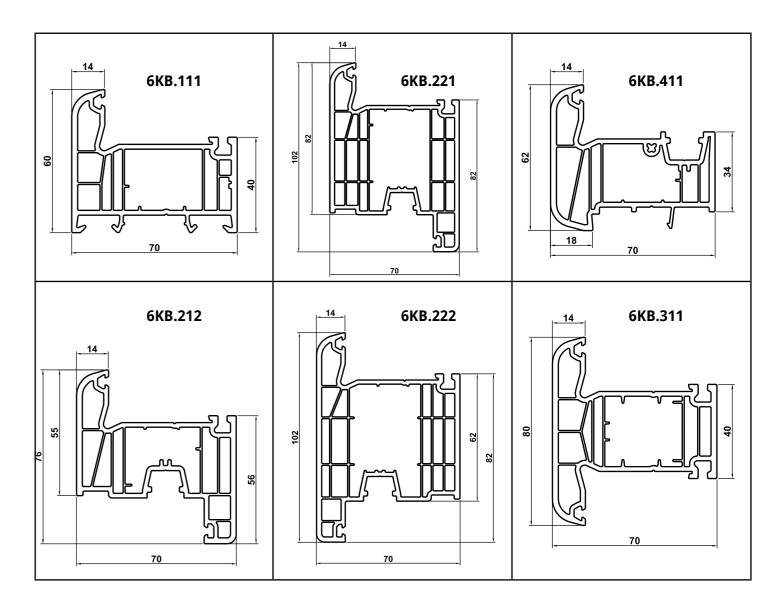


Profile features

Thermal coefficient	1,33 W/m²K
Air chambers	4
Mounting depth	70mm
Gaskets	2 Gaskets
Armature	Circumferential armature
Glass thickness	24, 34, 44mm
Sash shape	Straight
Colors	White or with foil

GUAL

APLAST 70 Profile sections



APLAST 70

The APLAST 70 PLUS Windows

The windows built on the profiles from the Aplast 70 series represent an economical option. They offer a good heat transfer coefficient, having the possibility of aesthetic resemblance to traditional windows, through the foiling system. The system includes a wide range of profiles for windows and doors. The heat transfer coefficient is 1.33 W / m²K, at a mounting depth of 70mm, with 4 chambers.

Thermal insulation



Soundproofing

Economy



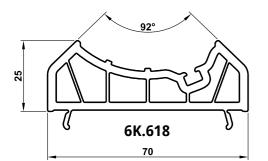


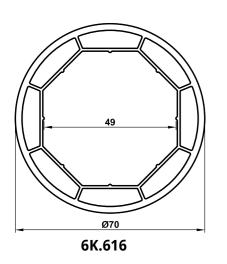
32

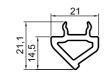
Vision Robusto Slim & Aluminium



APLAST 70 Angle change profiles

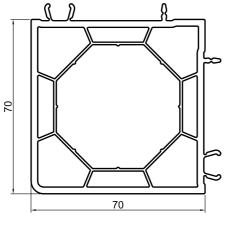






GU

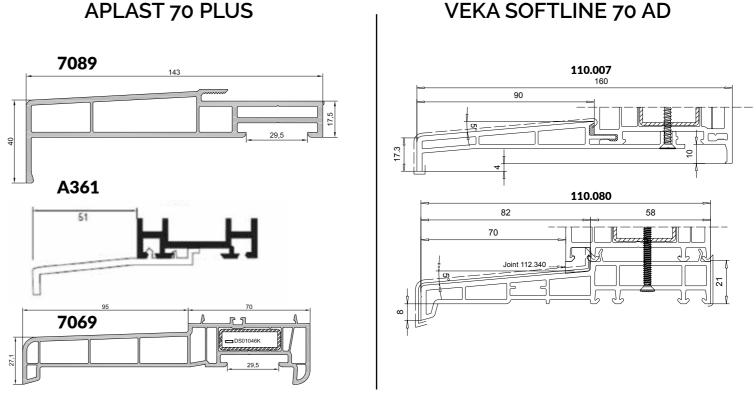
K.617



K.621

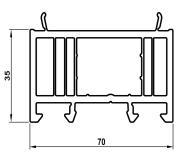


APLAST 70 PLUS

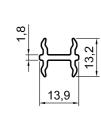


APLAST 70 PLUS & VEKA SOFTLINE 70 AD

APLAST 70 Extension, Solbank, jointing rod



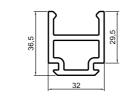
6K.711



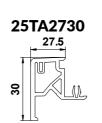
K.611

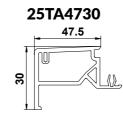
K.614

46

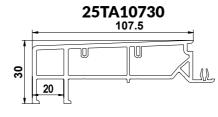


K.713







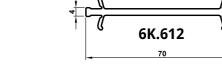


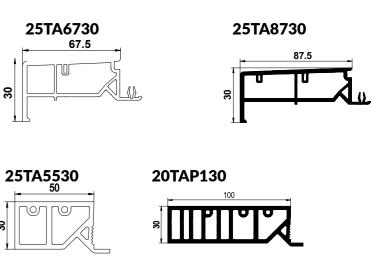




All data are for information only

34



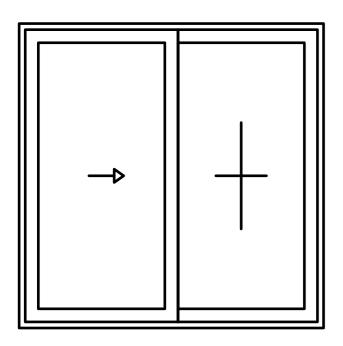








APLAST 70 SLID



Profile features

Air chambers	3 SCH WINDS
Mounting depth	70mm
Sealing	2 brushes
Armature	Circumferential armature
Glass thickness	24mm
Sash shape	Straight
Colors	White or with foil

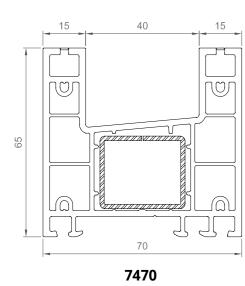


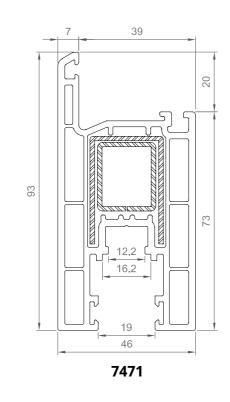
Scheme A - 1 movable sash + 1 fixed sash

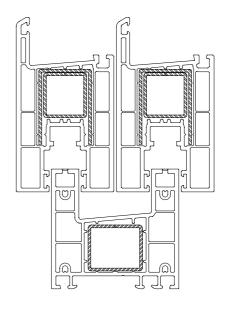
White	Colorful
B (Min=1100, Max=2100)	B (Min=1100, Max=210
H (Min=700, Max=2200)	H (Min=700, Max=2000)

Scheme D - 2 mobile sashes

Whit	e	Colorful	
B (Mi	n=1100, Max=2100)	B (Min=1100, Max=2	210
H (Mi	n=700, Max=2200)	H (Min=700, Max=20	000

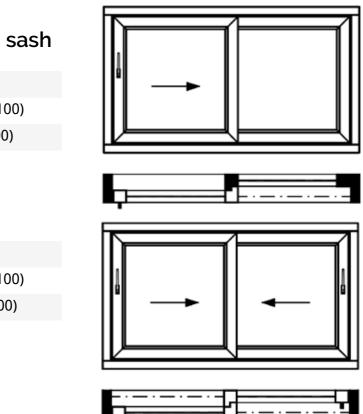


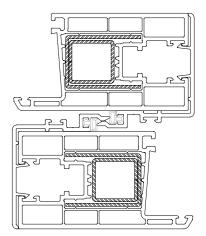




36

All data are for information only











SLIM range

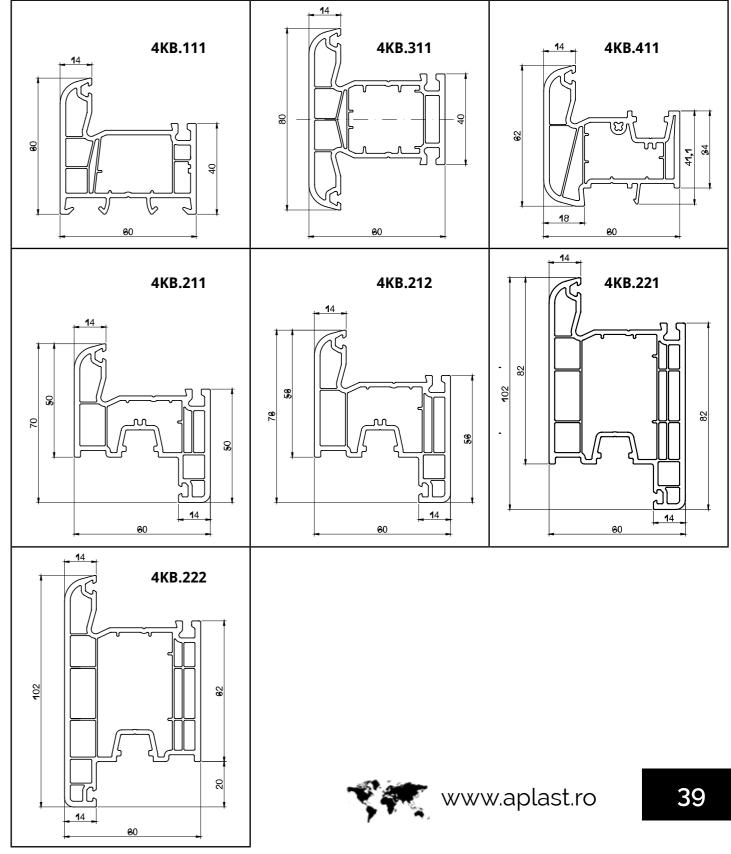


Profile features

Thermal coefficient	1,59 W/m²K
Air chambers	4
Mounting depth	60mm
Gaskets	2 Gaskets
Armature	Circumferential armature
Glass thickness	5, 24, 34mm
Sash shape	Straight
Colors	White or with foil

GUAL

APLAST 60 Profile sections



APLAST 60

The APLAST 60 Windows

The windows built on the profiles from the Aplast 60 series represent an economical option. They offer a good heat transfer coefficient, having the possibility of aesthetic resemblance to traditional windows, through the foiling system. The system includes a wide range of profiles for windows and doors. The heat transfer coefficient is 1.59 W / m²K, at a mounting depth of 60mm, with 4 chambers.

Thermal insulation Soundproofing

Economy





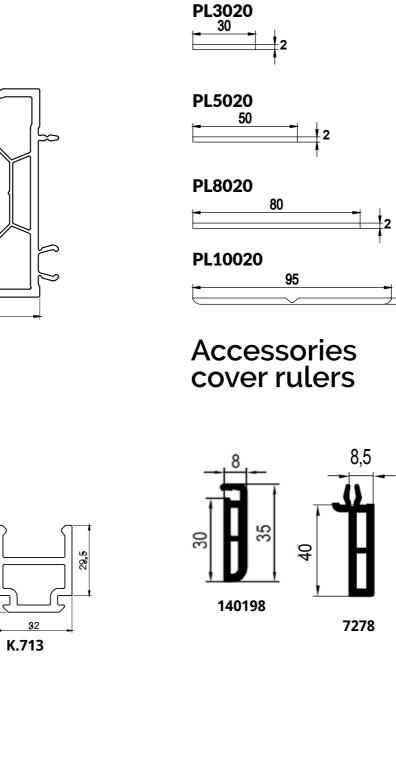


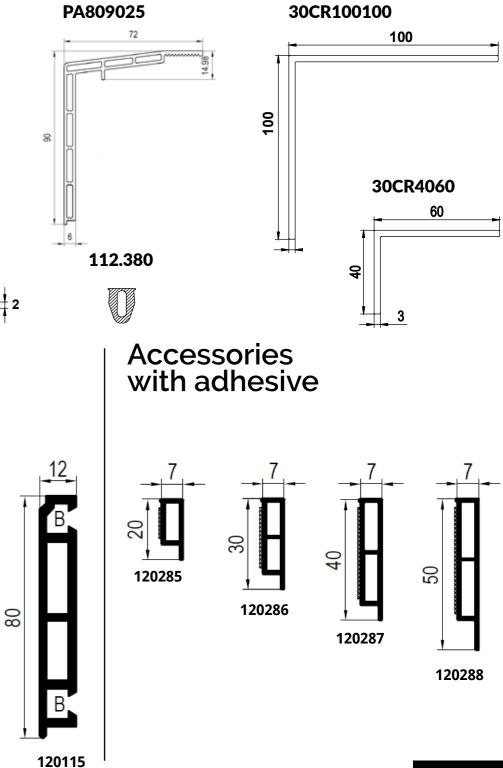
20

APLAST 60 Angle change profiles

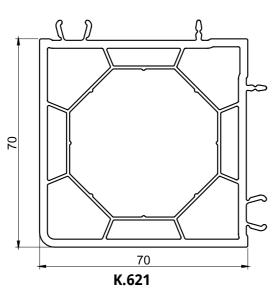


Accessories - flat and angled



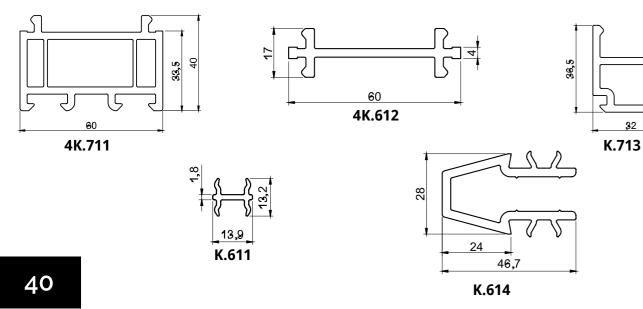


09 26,5 4K.618 057



APLAST 60 Extension, Solbank, jointing rod

4K.616



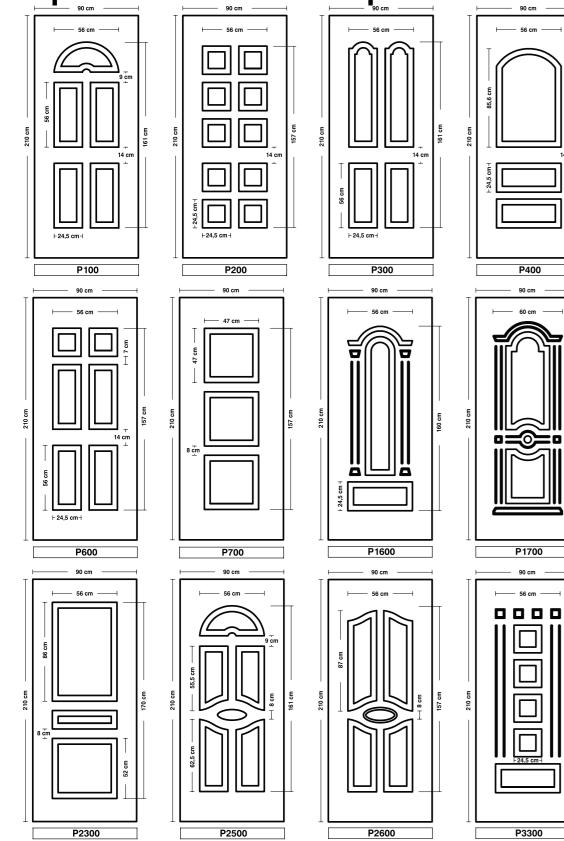
All data are for information only

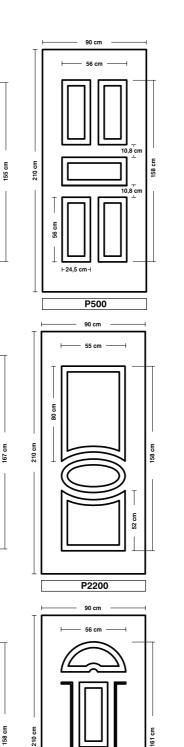
Vision Robusto Slim & Aluminium



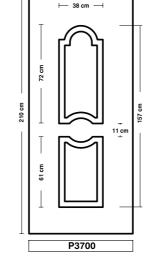


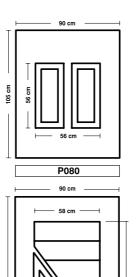
Aplast decorative panels





P3500

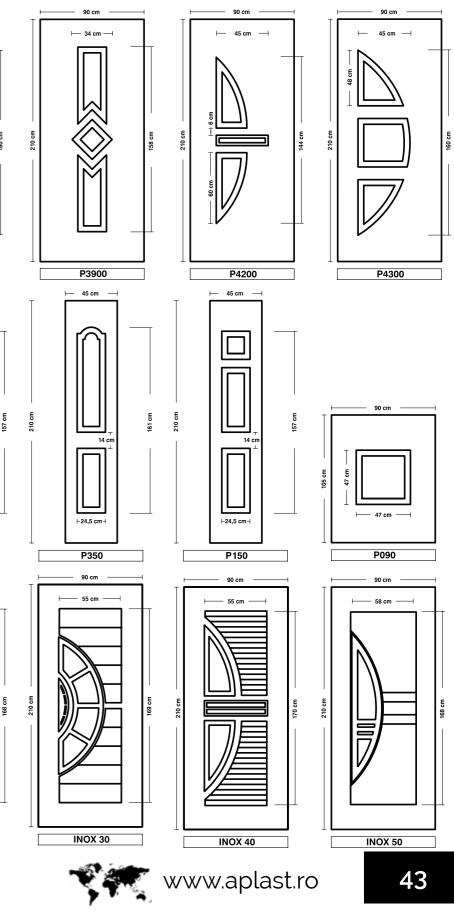






P3800

⊢ 45 cm —





42

All data are for information only



Types of glass

Configuration	Thickness (mm)	Decibels	Heat transfer
24mm DP PLUS 4+14+331 DUPLEX (Arg) WE	24	32	1.1
24mm DP PLUS 4+14+331 DUPLEX (Arg)	24	32	1.1
24mm DUPLEX 331+12+331 LOWE (Arg) WE	24	34	1.3
24mm DUPLEX 331+12+331 LOWE (Arg)	24	34	1.3
24mm DUPLEX 441+8+441 LOWE (Arg)	24	35	1.7
24mm FLOAT 4+14+331 LOWE (Arg) WE	24	33	1.1
24mm FLOAT 4+14+331 LOWE (Arg)	24	33	1.1
24mm REFLEXIVE BZ 5+10+442 DUPLEX (Arg)	24	34	2.7
24mm REFLEXIVE BZ 5+12+331 DUPLEX (Arg)	24	33	2.7
24mm REFLEXIVE BZ 5+12+331 LOWE (Arg) WE	24	33	1.3
24mm REFLEXIVE BZ 5+12+331 LOWE (Arg)	24	33	1.3
24mm BLASTED 4+14+331 LOWE (Arg) WE	24	33	1.1
24mm BLASTED 4+14+331 LOWE (Arg)	24	33	1.1
28mm DUPLEX 331+16+331 LOWE (Arg) WE	28	35	1.1
28mm DUPLEX 331+16+331 LOWE (Arg)	28	35	1.1
28mm DUPLEX BLASTED 331+16+331 LOWE (Arg) WE	28	35	1.1
28mm DUPLEX BLASTED 331+16+331 LOWE (Arg)	28	35	1.1
28mm FLOAT4+18+331 LOWE (Arg) WE	28	33	1.1
28mm FLOAT4+18+331 LOWE (Arg)	28	33	1.1
28mm BLASTED 4+18+331 LOWE (Arg) WE	28	33	1.1
28mm BLASTED 4+18+331 LOWE (Arg)	28	33	1.1
32mm DP PLUS 4+8+6 FLOAT+8+331 DUPLEX (Arg)	32	34	1.3
32mm DUPLEX 331+6+6 LOWE+8+331 LOWE (Arg)	32	36	1.1
32mm DUPLEX 331+20+331 LOWE (Arg) WE	32	34	1.1
32mm DUPLEX 331+20+331 LOWE (Arg)	32	34	1.1
32mm DUPLEX 441+16+441 LOWE (Arg) WE	32	37	1.1
32mm DUPLEX 441+16+441 LOWE (Arg)	32	37	1.1
32mm DUPLEX SL 442+14+441 LOWE (Arg) WE	32	43	1.1
32mm DUPLEX SL 442+14+441 LOWE (Arg)	32	43	1.1
32mm DUPLEX SL 442+16+331 LOWE (Arg) WE	32	42	1.1
32mm DUPLEX SL 442+16+331 LOWE (Arg)	32	42	1.1

Configuration

32mm FLOAT 4+8+6 LOWE+8+331 DUPLEX (Arg) 32mm BLASTED 4+8+6 LOWE+8+331 DUPLEX (Arg) 44mm DP PLUS 4+14+6 FLOAT+14+331 LOWE (Arg) WE 44mm DP PLUS 4+14+6 FLOAT+14+331 LOWE (Arg) 44mm DUPLEX 331+14+6 FLOAT+12+331 LOWE (Arg) WI 44mm DUPLEX 331+14+6 FLOAT+12+331 LOWE (Arg) 44mm DUPLEX 331+14+6 LOWE+12+331 LOWE (Arg) WE 44mm DUPLEX 331+14+6 LOWE+12+331 LOWE (Arg) 44mm DUPLEX BLASTED 331+14+6 LOWE+12+331 LOWI 44mm DUPLEX BLASTED 331+14+6 LOWE+12+331 LOWI 44mm DUPLEX SL 442+10+6 LOWE+10+442 DUPLEX SL 44mm FLOAT 4+14+6 LOWE+14+331 LOWE (Arg) WE 44mm FLOAT 4+14+6 LOWE+14+331 LOWE (Arg) 44mm REFLEXIVE BZ 5+14+6 LOWE+12+331 DUPLEX (Ar 44mm REFLEXIVE BZ 5+14+6 LOWE+12+331 DUPLEX (Ar 44mm BLASTED 4+14+6 FLOAT+14+331 LOWE (Arg) WE 44mm BLASTED 4+14+6 FLOAT+14+331 LOWE (Arg)

Surface restrictions

Туроlоду	Double glazing
Simple	6
	4 + 4
	6 + 4
Double glazing	6 + 6
Double glazing	33.1 + 4
	33.1 + 6
	33.1 + 33.1
Goom trinon	6+4+4
Geam tripan	6+6+4

	Thickness (mm)	Decibels	Heat transfer
	32	36	1.3
	32	36	1.3
	44	34	0.6
	44	34	0.6
Έ	44	36	1
	44	36	1
E	44	36	0.7
	44	36	0.7
/E (Arg) WE	44	36	0.7
/E (Arg)	44	36	0.7
(Arg)	44	46	1.1
	44	34	0.6
	44	34	0.6
rg) WE	44	34	0.9
rg)	44	34	0.9
	44	34	0.9
	44	34	0.9

Kilogram / m²	Maximum surface
15	2.5 mp
20	2.0 mp
25	2.5 mp
30	2.8 mp
25	2.0 mp
30	2.0 mp
30	2.0 mp
40	2.0 mp
45	2.5 mp





M11000



Technical characteristics

Jamb width	62,5 mm
Sash width	70 mm
Minimum visible area	70 mm
Minimum visible surface profile "T"	70 mm
Maximum sash weight	Up to 180 Kg
Thermal insulation glass thickness	Up to 59 mm
Thermal bridge break	24 mm Polyamide

SMARTIA M11000 is a turn carpentry system, with thermal bridge break, which can satisfy the most demanding needs, thanks to a wide variety of solutions and designs.



S350



of construction.

- System door thickness of 35 mm
- Minimum visible control width of only 50 mm for maximum visibility and natural lighting.

٠

- Flexibility with a wide range of different types and mechanisms. Maximum glass thickness up to 24 mm with a capacity of up to 120 kg.
- System performance certified by the Rosenheim IFT Institute

Basic system width 62.5 mm.

- Possibility of making types with hidden sash or horizontal swivel • windows.
- Possibility to make any types of access doors.
- Wide range of profiles with a straight, rounded, chamfered, classic look.
- Possibility of mounting both European chamber hardware and 16 mm hardware.
- The system allows the installation of thermal insulation windows with a thickness of up to 59 mm, and the system sashes support a weight of up to 180 kg (with hidden hinges).
- Sound attenuation up to 46dB, certified by the IFT Rosenheim Institute.
- System certified by the IFT Rosenheim and AAMA institutes.



Sliding technical features in aluminum Smartia s350

Width of visible aluminum surface: 116.1 mm

- Jamb height: 45 mm •
- Frame thickness: from 81.5 / 92 / 113.5 / 128.5
- / 143 mm
- Door height: 85 mm
- Door thickness: 35 mm
- Width of the central pillar: 50mm / 88.5mm
- Door capacity up to 120 kg
- Glass thickness: 24 mm
- Insulation: 24 mm polyamide



Vision Robusto Slim & Aluminium

Smartia S350 is a system for aluminum sliding doors with thermal break, flexible and modern with a linear design. Ideal for refurbishments or renovations due to its simplicity

- Easy movement thanks to stainless steel guides.
- Special frame with anti-distortion polyamide of dark colored structures to avoid the banana effect.

Aluminm sliding (moving) performance

- Thermal insulation EN ISO 10077-2: Uf = 2.89 -5.33
- W / m2K | Uw = 1.89 W / m²K (per dimension
- structure of 3.0X2.2m and Ug = $1.30 \text{ W} / \text{m}^2\text{K}$)

- Air tightness EN 12207: Class 3 •
- Water tightness EN 12208: Class 6A
- Wind load resistance EN 12210: Class
- C2 / B3





S560



S560 is a slide and lift system made of robust aluminum, which offers a very high level of thermal insulation, flexibility in installation and is ideal for very large and wide openings.

The flexibility consists in the fact that constructions with very small to very large openings can be made. A high level of quality is ensured due to the robust profile and the good connection between the profile and the frame.

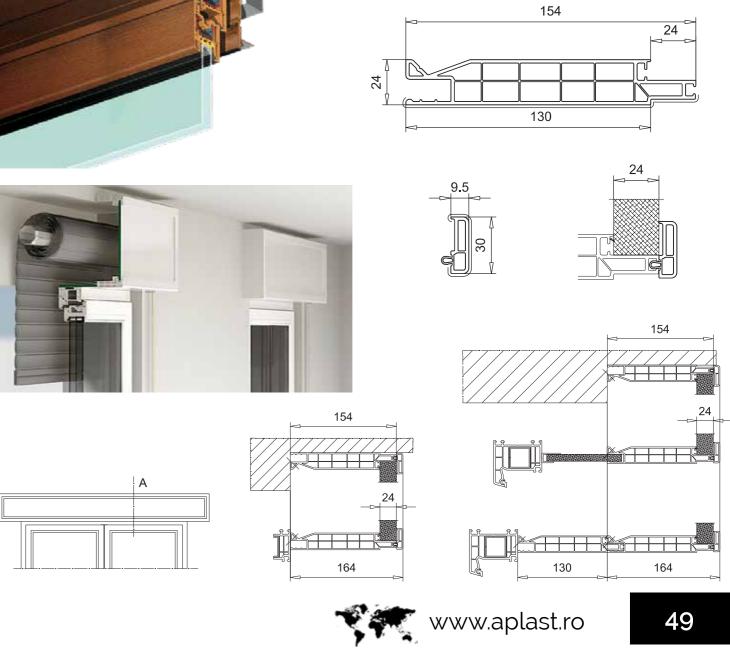
- Door profile width of 56 mm.
- The doors slide silently on trolleys fixed on stainless steel guides
- Possibility to use a lifting mechanism with a weight of the sash ٠ from 90 to 300 Kg.
- Possibility of closing in several points. ٠
- High level of thermal insulation: Uf from 3.2 to 4.3 W / m²K.
- All types of sliding opening systems are possible

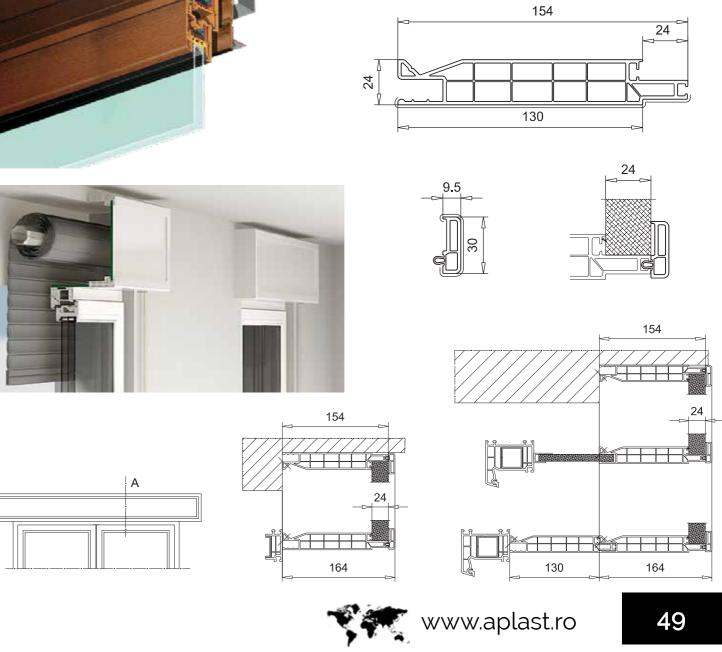
Performanta sistemului

- Uf thermal transfer from 3.2 to 4.3 W / m²K ٠
- Uw = $1.7W / m^{2}K$ with Ug = 1.1 for joinery di-• mensions of 3.0 x 2.5 m
- Uw = 1.8W / m²K with Ug = 1.1 for joinery dimensions of 3.0 x 2.2

VEKA renovation boxes









Technical characteristics

The width of the section for the door 56 mm The width of the visible section of the frame is 128mm

Sectional dimensions

- Frame height: 45 mm
- Door height: 86 mm ٠
- Weight of the sash: from 90 to 300 Kg
- Glass thickness: from 28 to 40 mm
- Thermal insulation: 24 mm polyamide for the frame and 16-24 mm for the door.

48

Vision Robusto Slim & Aluminium





Restoration boxes are the ideal product for replacing old wooden boxes.

Made of PVC to ensure rigidity and durability over time, they are perfectly matched with the color of Aplast windows, to create a perfect harmony of interiors.



Roller shutter



Functionality:

- Applications for existing buildings and new buildings
- Components with an elegant aesthetic appearance
- Possibility to use the anti insect net system

Two types of box:

Applied, electrostatically painted extruded aluminum

- Box dimensions: 137, 165, 180
- Aluminum guides

Superimposed, made of PVC with thermal insulation, white or foliated..

- Box dimensions: 137, 165, 180
- Aluminum guides

Aluminum blades of different sizes: 39, 45, 55, 77 mm

Advantages:

- Possibility to equip with two types • of actuation:
- Manual with cord, ribbon,

crank or spring

- Electric with motor, Somfy, with remote control or switch
- Thermal insulation (winter and • summer)
- Anti-burglary solution
- Wide color palette

	155

Estimate sheet / PVC Order Date://20							
Client:					Order:		Estimate:
Customer reference:					Assembler: _		
Quantity	:	Positio	on: 🗌 Toilet		Living room		Other:
			ПК	itchen	□ Office	Dinning	room 🔲 Room:
System A 60 A 70 VEKA 70 VEKA 7			A 70 Plus 76 VEKA 82	[☐ Float 4/16/4 Low E (A ☐ DP 4/16/4 Float (Arg) ☐ Sun 4/16/4 Float (Arg	DP 4	at 4/16/Low E4/16/4 Low E (Arg) 4/16/Low E4/16/4 Low E (Arg) 4/16/Low E4/16/4 Low E (Arg)
Veka sasł VEKA 70	n tpe: VEKA 76	VEKA 82	Width:		Height:		Lock:
Z59	Z59	Z59	Info height:		Handle height		Classic lock
🗖 Z84	Z 89	Z 84	Battlement:		Standard (in the		Europa
🗖 T105	□T114	□ T114			window) (1050m	-	MR2
Z Z99	Z100						MR4
□ T120	□T125						SH2
Pfostena							SH4 Automatic
A60	A70	A70Plus					
🗖 Z56	🗖 Z56	□Z57					Window bars:
🗖 Z82	🗖 Z82	Z 73					Glass interior8mm
🗖 T102	🗖 T102	Z 86					
		□T106					Glass interior8mm Color
PSU : □ PSU for right angle						Applied inside 26mm	
PSU for variable angle						Color	
Handle						Applied outside26mm Color	
Color:							
White Brown							Ventilation grille:
□ Silver	□ Se	custik					AERECO
Color:	Exterior						□ White/Colour
White	Go	lden					
Brown	n ⊟Bro ⊡Se						Overlapping rollers
	Extra flat ha		Sizes / measuren	nents / insid	le view!		
U White		anule	Remarks:				Colour:
Brown	ı						☐ White RAL 9016 ☐ Anthracite gray RAL 7016
Other doo	or options:						Other RAL
Horn handle						Page	
Stainless steel handlebar grip Shock absorber							
	00001001						/



Departament vanzari: Marian Grigore Commercial Manager M +40 74 222 1382 marian.grigore@aplast.com Site: www.aplast.ro Callcenter: +40 741 293 719

HOPPE





