



WINDOW CATALOGUE

Edition 3/2023

EN



Price list for windows 2023

Growing with passion

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ABOUT US

WINDOWS AND DOORS FOR YOUR HOME

Through a well-thought-out company policy, full of enthusiasm and commitment, we consistently strive for the efficient development of both ourselves and our customers, because the customer and we are one. We firmly believe that this philosophy is the guarantee of our joint success in the future.

INNOVATION

Innovative and smart growth is at the heart of our strategy. We make every effort to ensure that our products are associated with high quality and the latest technology. We focus our attention primarily on the customer and their needs, which often inspire us to improve our products. We know which way to go, we know our goals. This enables us to continue growing intensively and expanding our range of products.

RELIABILITY

By choosing our company, you are choosing an excellent product and professional service. We carefully select the best materials and technological solutions to achieve the best quality that will ensure 100% satisfaction with purchasing and using our windows.

PARTNERSHIP

For us, the cornerstone of success is continuous and intensive contact with the customer, as this is the only way to achieve the synergy effect of joint activities.

FLEXIBILITY

Flexibility is our strength. Thanks to quick decisions, we are able to respond almost immediately to customer expectations and market trends.

GENERAL PRINCIPLES FOR PRICING AND CONSTRUCTION OF PVC WINDOWS AND DOORS:

1. All prices in the price list apply to PVC window joinery and are net prices in EUR.
2. In the case of pricing of windows with dimensions that are not included in the price list, please consult the MONOLIT sales department for the possibility of their implementation.
3. For proper pricing, please select the table with the appropriate window design.
4. Specifying the relevant window dimensions at the intersection of the row (window height) and column (window width) reads the net price before discount of a white window with glazing unit 4/16A/4TPS, Ug=1.1 (EN 673).
5. If additional equipment is required, surcharges (e.g. for colour, special glass or other window accessories) must be added to the received value.
6. When pricing windows on the REHAU SYNEGO MD window system, apply the above-mentioned pricing rules and then add an extra charge for double-chamber unit. We receive the price of a REHAU SYNEGO MD window according to MONOLIT standard.

Note: We produce REHAU SYNEGO MD windows using only double-chamber systems. The IDEAL 7000, IDEAL 8000 and INTERTEC 85 profiles are also only produced in double-chamber systems.

WINDOW FUNCTIONS:

U – tilt sash
R – turn sash
RU – tilt-turn sash

NOTES:

Prices for double-sash and triple-sash windows apply to symmetrical and asymmetrical division windows.

Monolit reserves the right to change technical parameters of products included in the price list and to change prices.

PE50

Aluminium profile system without thermal insulation, intended for internal structures: light walls and glazing, windows and internal doors.

The depth of the profiles, for frames and sashes, is 52 mm.



PE52

The system is designed for exterior elements that require thermal insulation. The system allows for a variety of solutions in the design of various types of windows, doors and spatial structures.

The straight and omega-shaped thermal breaks used ensure proper drainage of the structure.

The depth of the profiles, for frames and sashes, is 52–60 mm.



PF152

A mullion and transom curtain wall system with high thermal insulation, most often used in energy-efficient constructions. A special thermal insert, filling the space between the panes, improves the parameters of the entire structure both in terms of its shape and properties.

Its thermal properties allow achieving heat transfer coefficient U_w starting from 0.6 W/m²K (for 48 mm-thick fillings).



PE68

A three-chamber thermally insulated system for making door structures.

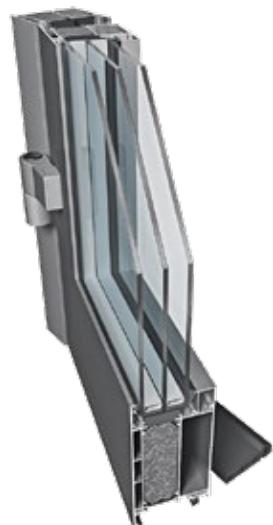
- use of profiled 24 mm-wide thermal breaks
- easy connection between door and glass thanks to specially designed, compatible profiles
- door sashes flush with the frame
- double or triple glazing up to a thickness of 51 mm
- allows making large-size structures
- different thermal insulation options, depending on the insulation inserts used: PE68+, PE68H+



PE78N

A three-chamber thermally insulated system for making door structures.

- 34 mm-wide profiled thermal breaks
- easy connection between door and glass using specially designed, compatible profiles
- door sashes flush with the frame
- allows making large-size structures
- different thermal insulation options, depending on the insulation inserts used: PE78N+, PE78NHI, PE78NHI+



SL1600

Lift-and-slide thermally insulated system intended for exterior building elements. The construction of profiles allows for the creation of stable large structures, even 8-sash structures with very high sash weights.

The structural depth of the sections is 67 mm for sashes and 160 mm for double-track frames, 247 mm for three-track frames and 334 mm for four-track frames.

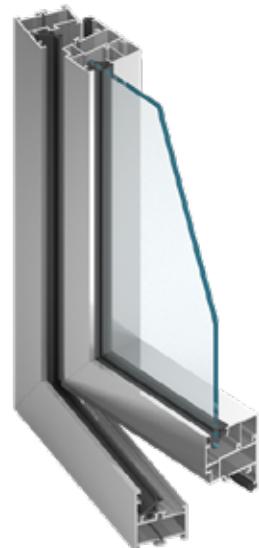




MODERN ALUMINUM SYSTEMS

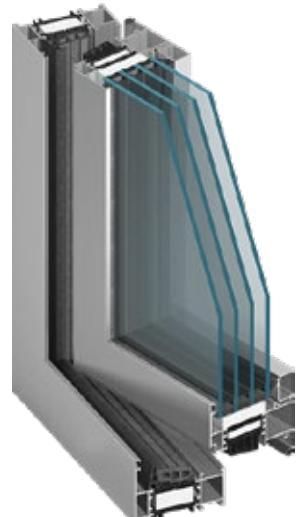
MB45

The system is primarily used to make internal fittings of various types of partition walls, windows, doors – including sliding and automatic doors, entrance halls, display windows, cashier boxes, showcases, etc.



MB-86

The MB-86 window and door system is a high-performance product, which can satisfy the various needs of users. The design of its sections has 3 versions, depending on the requirements for saving heating energy: ST, SI and AERO.



MB70

An aluminium system used to make exterior architectural elements requiring very good thermal insulation and soundproofing, e.g.: various types of windows, doors, antechambers, shop windows, spatial structures.

It has a version with increased thermal insulation, due to the use of special insulating inserts inside the sections and in the space under the glass.



MB-77 HS

Lift-and-slide doors are an ideal solution for connecting rooms with the outside environment, providing convenient access to a balcony, terrace or open garden space. They allow very good contact with the surroundings and, when open, do not take up any space inside the room, which further increases their comfort.

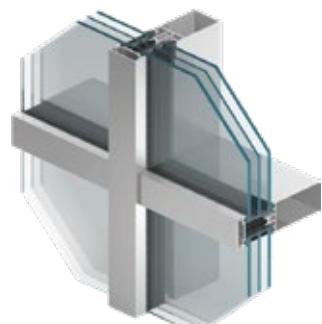
The MB-77HS system is one of the best performing products and meets all the requirements for this product group.
It has two design versions, differing in thermal insulation: ST and HI.



MB-SR 50N

MB-SR50N mullion-transom system is intended for constructing and making lightweight suspended and infill curtain walls.

In line with current trends in architecture, it enables the profiles of mullions and transoms to be flush with the inside of the façade and achieve different external appearances. This system also serves as the basis for the MB-SR50N HI+ version with enhanced thermal insulation.





MODERN ALUMINUM SYSTEMS

I AS 75 WINDOW

The triple-chamber AS 75 system has been designed for thermally insulated window and door structures by means of state-of-the-art ANTI-BI-METAL technology, which protects the door leaves from heat deformation as well as very low temperatures. This system meets all current and future insulation standards.



I AS 75 DOOR

The triple-chamber AS 75 system has been designed for thermally insulated window and door structures by means of state-of-the-art ANTI-BI-METAL technology, which protects the door leaves from heat deformation as well as very low temperatures. This system meets all current and future insulation standards.



ACS 50

The ACS 50 System is a modern structure designed for the production of fixed and openable windows as well as single and double leaf doors, and also comes in a smoke-tight version. The ACS 50 system possesses frames that enable the mounting of an all-glass sash. It is characterised by highly acoustic properties and durable construction.



AS 178HS

AS 178HS system combines innovative solutions with modern design, creating next-gen, fully glazed HS doors. The system gives the opportunity to create large, moving patio doors with low and warm threshold. Its structural mechanisms allows for safe and comfortable movement of sash, both manually and automatically. Hardware from renowned suppliers allows even very heavy sash to be operated with ease.



AF 50

The AF 50 facade system, based on mullion-mullion technology, allows for a broad spectrum of structure shaping and is used in modern buildings. This system utilises designs of highly insulating proper ties, tightness and material optimisation.





Monolit

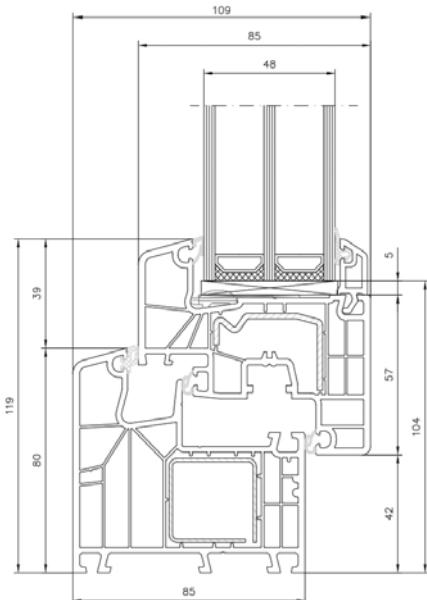
MONOLITH INTRODUCES NEW V-PERFECT WELDING TECHNOLOGY

Since its inception, the Monolit brand has been characterised by professionalism, consisting of high quality and innovation. Another step towards customers is the introduction of state-of-the-art profile welding technology.

The SL4-FF-EVO robot form-fits PVC profiles of any shape and with very different surfaces, achieving a rounded outer rear edge at the welded corner.

The V-Perfect welding technology allows for a perfect connection of the profiles and the achievement of so-called thin welds. V-Perfect completely eliminates flashing during the profile joining process and improves welding pressure control. All of this opens up new opportunities for MONOLIT to create even more aesthetic and design-oriented products.

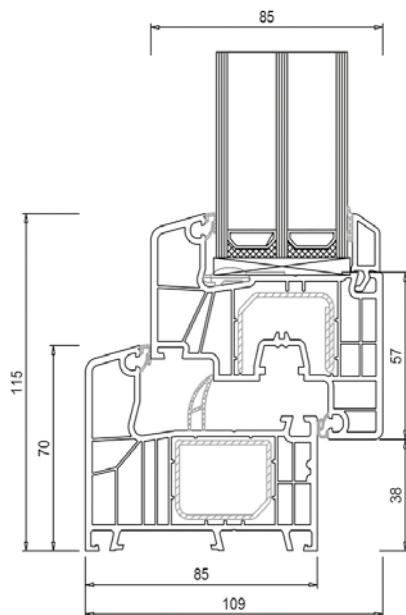
IDEAL 8000 System



Why IDEAL 8000

By choosing the IDEAL 8000 window system, you choose a top-of-the-range product in which the quality of profiles and materials used are not compromised. Well-thought-out design and profile geometry, combined with available technologies, ensure excellent statics, long-term functionality of the window and trouble-free operation.

- 6-chamber system,
- 85 mm installation depth,
- system with centre seal (3 seals),
- classic design of the sash (classic-line unbonded),
- tested burglary resistance class RC2,
- available in many colour options,
- the U_w heat transfer coefficient is 0.76 W/m²K (for a reference window size of 1,230*1,480 mm, $U_g = 0.5$ W/m²K).
- Weld V-Perfect, Maco Multi Matic Fitting



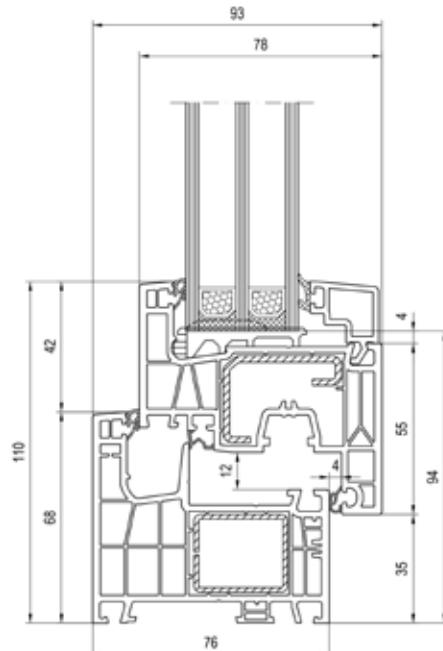
Why INTERTEC 85

The system profiles are characterised by their timeless, classic design with balanced proportions, perfectly matching the current trends in façade design. The special structure of the sash allows the use of pane bonding technology, which makes it possible to create stable window structures of even greater dimensions. Low profile folding maximises the glazing area, providing better thermal properties and more light into the room.

- 7-chamber system,
- 85 mm installation depth,
- system with centre seal (3 seals),
- classic design of the sash (classic-line unbonded),
- available in many colour options,
- the U_w heat transfer coefficient is 0.76 W/m²K (for a reference window size of 1,230*1,480 mm, $U_g = 0.5$ W/m²K).
- Weld V-Perfect, Maco Multi Matic Fitting

*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.

IDEAL NEO MD System



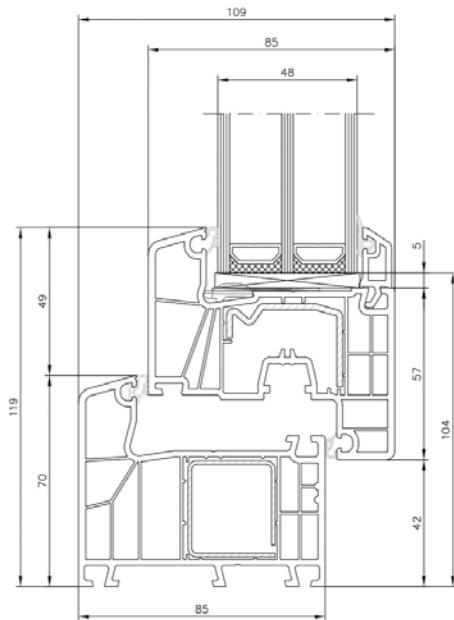
Why IDEAL NEO MD

IDEAL NEO MD is an extremely attractive design proposition for customers who value timeless style. A simple, symmetrical, cubist shape is a distinguishing feature of the windows made in this system.

IDEAL NEO MD system was inspired by Bauhaus style. This style once revolutionized architecture. Simple and beautiful design for everyone. A lot of light and a combination of the interior with the elements from the outside.

- 6-chamber system,
- 76 mm installation depth,
- system with external sealing (3 seals),
- simple, symmetrical, cubist shape, visual lightness of the structure,
- narrow, expressive rebates,
- classic central seal - better protection against burglary,
- the U_w heat transfer coefficient is 0.76 W/m²K (for a reference window size of 1,230*1,480 mm, $U_g = 0.5$ W/m²K).

*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.



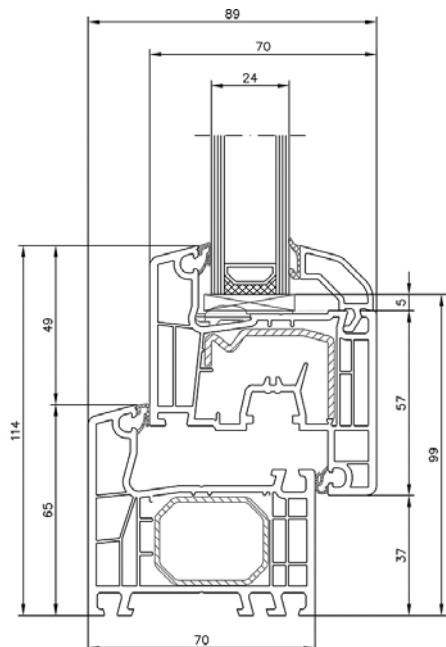
Why IDEAL 7000

The IDEAL 7000 is an example of the synergistic use of the properties of profiles and insulating glass to create windows featuring a very low heat transfer. The heat transfer coefficient for profiles, $U_f=1.1\text{--}1.0 \text{ W/m}^2\text{K}$, obtained in tests, combined with the possibility of using wider and warmer glazing units, guarantees the best thermal parameters of the window.

- 6-chamber system,
- 85 mm installation depth,
- system with external sealing (2 seals),
- classic design of the sash (classic-line unbonded),
- tested burglary resistance class RC2,
- available in numerous colour variations,
- the U_w heat transfer coefficient is 0.79 W/m²K (for a reference window size of 1,230*1,480 mm, $U_g = 0.5 \text{ W/m}^2\text{K}$).
- Weld V-Perfect

*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.

IDEAL 4000 System



Why IDEAL 4000

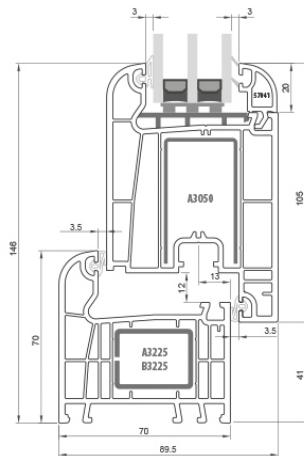
The IDEAL 4000 is a guarantee of the highest standard based on a proven product appreciated by the market. At the same time, the perfect choice of shapes makes the windows in this line a perfect element of interior design, which obtains an original and unusual appearance.

- standard combination 5-chamber system,
- 70 mm installation depth,
- system with external sealing (2 seals),
- tested burglary resistance class RC2,
- available in numerous colour variations,
- the U_w heat transfer coefficient is 0.86 W/m²K (for a reference window size of 1,230*1,480 mm, $U_g = 0.5$ W/m²K).

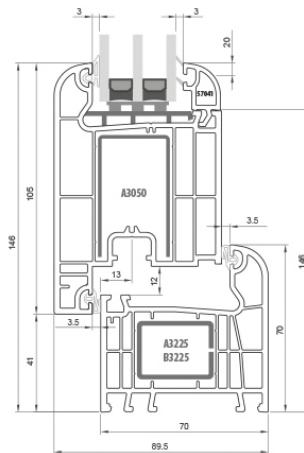
*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.



T intermediate sash



Z intermediate sash



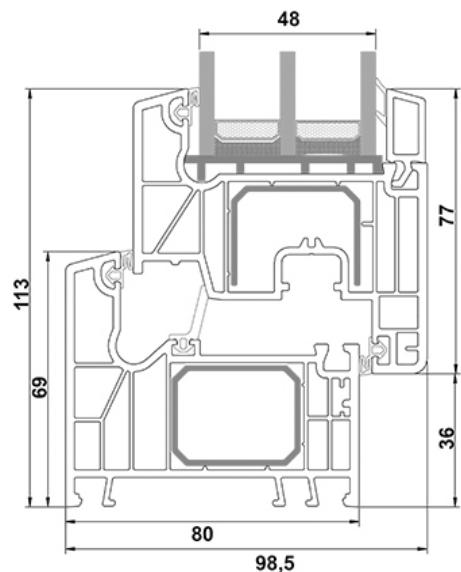
Why INTERMEDIATE SASH

- The 6-chamber profile system and the use of triple-glazing allows the achievement of excellent thermal and acoustic parameters,
- Rounded shapes and arrangement with straight or half sashes give the windows a characteristic and modern styling, while the wide reinforcement chamber ensures high stability,
- The heat transfer coefficient for the reference window*, U_w is $0.95 \text{ W/m}^2\text{K}$ (for glazing – $U_g = 0.7 \text{ W/m}^2\text{K}$),
- A wide range of veneered profiles enables the creation of windows suitable for various stylistics,
- system compatible with the ACTIVE window system.

(*reference window dimensions 1,230 mm x 1,480 mm)

*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.

ACTIVE PLUS THERM



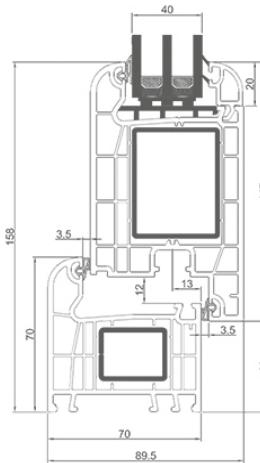
Why ACTIVE PLUS THERM

- six-chamber profile structure with an 80 mm installation depth,
- a large amount of sunlight penetrating into the interior through the low folding of the frame/sash profiles,
- the possibility of glazing with up to 48 mm-thick glazing units,
- large chambers allowing proper ventilation of the profiles and easy drainage of rainwater,
- the U_w heat transfer coefficient is 0.75 W/m²K (for a reference window size of 1,230*1,480 mm, $U_g = 0.5$ W/m²K).

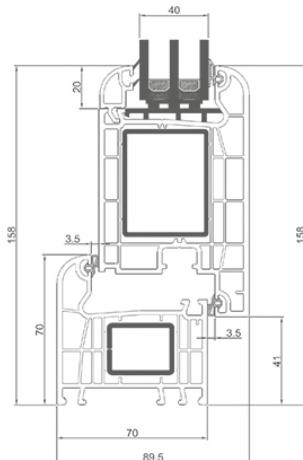
*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.



Doors opening
from the inside



Doors opening
from the outside



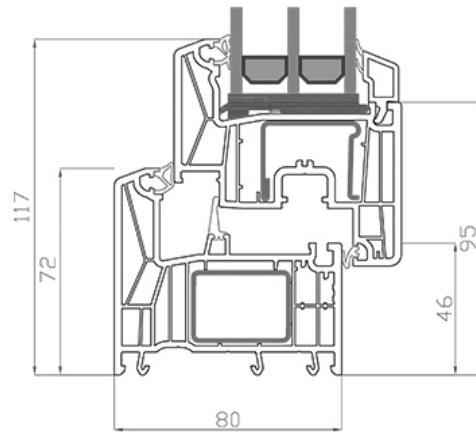
Why the DOOR System

- 4-chamber door sash profile and 6-chamber frame profile with a 70 mm-wide casing,
- the rounded contours of the frames and leaves give the doors an attractive appearance,
- the heat transfer coefficient for reference door*
 $U_w = 1.2 \text{ W/m}^2\text{K}$ (for glazing with $U_g = 0.7 \text{ W/m}^2\text{K}$),
- a wide range of veneered profiles enables the creation of doors suitable for various stylistics,
- system compatible with the ACTIVE window system.

(*reference door dimension 1,230 mm x 2,180 mm)

*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.

REHAU SYNEGO MD

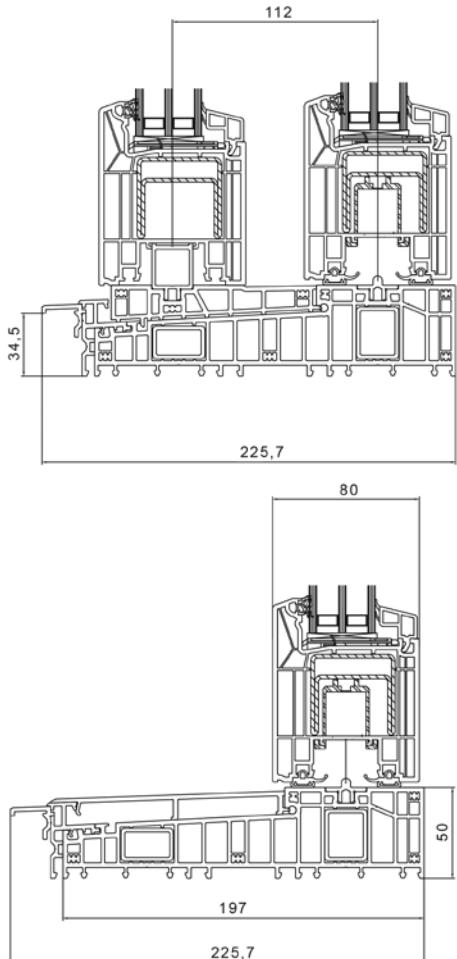


Why Rehau Synego MD

- 80 mm profile depth – for narrow proportions and yet high heat protection parameters,
- low folding 117 mm – for more light in the room,
- 7 panes in the frame, 6 chambers in the sash – for high thermal insulation,
- gaskets – for reliable protection against draughts and moisture,
- a third sealing surface (centre seal) for even better heat protection,
- the U_w heat transfer coefficient is 0.77 W/m²K (for a reference window size of 1,230*1,480 mm, $U_g = 0.5$ W/m²K).



*demonstrative picture

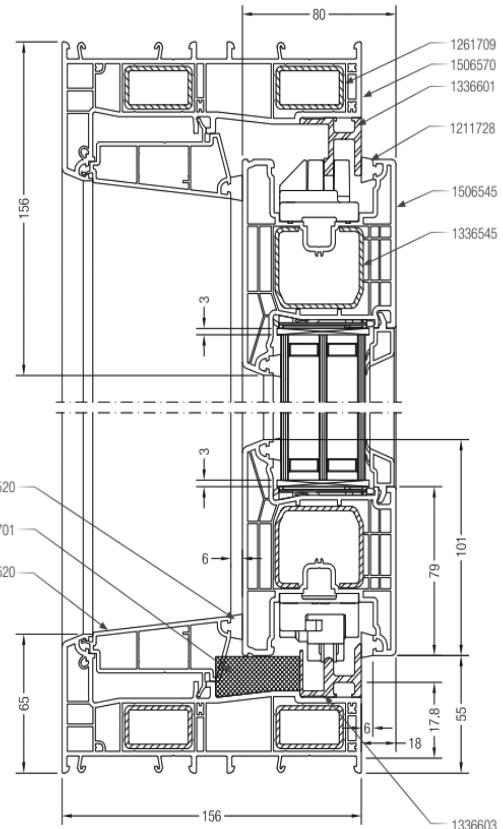


Why HST-SYNEGO

- HDF profile surface for high gloss and easy cleaning,
- 5-chamber 80 mm-deep sash for optimal thermal insulation,
- 48 mm-thick double-chamber glazing,
- high-quality seals for improved operating comfort,
- track frame for increased stability and reliability – for years to come.

*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.

REHAU SYNEGO SLIDE

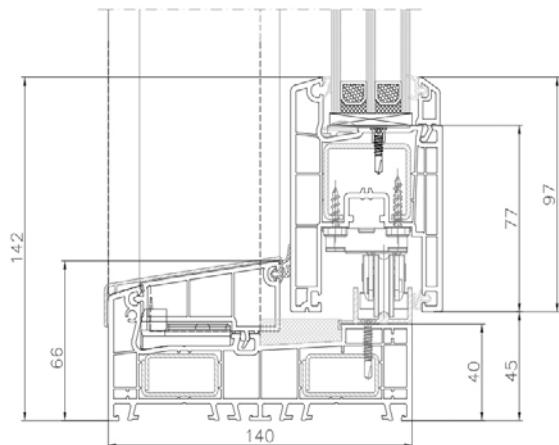


Why REHAU SYNEGO SLIDE

Elegant connection between inside and outside. Discover modern architectural possibilities and new room design concepts. Sliding windows and doors from the SYNEGO SLIDE profile system will surprise you with their possibilities.

- profile height – frame/sash 65 mm/101 mm,
- profile depth – frame/sash 156 mm/80 mm,
- Fold width – frame/sash 65 mm/101 mm,
- Uf heat transfer coefficient (EN 12412-2) up to 1.3 W/(m²K).

SYNEGO SLIDE: A clever sliding door and window system to attractively link the interior to the garden or terrace. Windows reinvented. For today's needs.



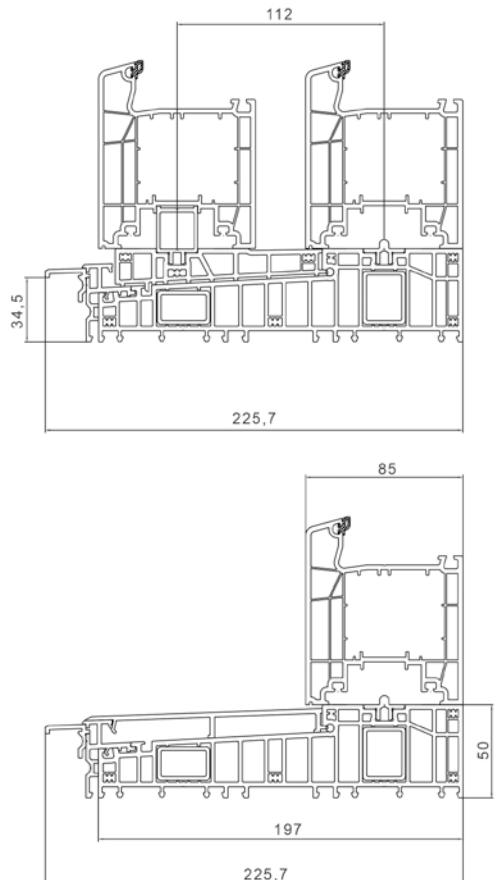
Why ALUPLAST SMART-SLIDE

The smart-slide door is a new solution in the sliding door/window segment, which could ultimately be an attractive alternative to PSK/PATIO doors. This is an excellent solution for single-family houses, but also for public buildings where ease of use and reliability are expected of patio doors.

- 140 mm-deep frame installation
- 70 mm-deep sash installation
- glazing with units up to 40 mm
- modern classic-line design,
- A+C schemes available,
- concealed hardware,
- available in three core colours: white, brown, anthracite and a wide range of decorative films.

ALUPLAST HST 85

lift-and-slide door



*demonstrative picture

Why ALUPLAST HST 85

The new HST 85 mm door system is, on the one hand, a response to the expectations in the field of creating larger and larger window structures, and on the other hand, through structural changes, and above all the use of wider glazing units with a width of up to 51 mm, it allows obtaining above-average thermal insulation properties. A novelty in this segment is the modular nature of the construction, which allows three free configurations of the product, depending on the expected thermal parameters.

The ideal solution for those who want a comfortable connection between the interior and the terrace and a panoramic view achieved by a large glazed area is the use of HST 85 mm lift-and-slide doors. An unquestionable advantage of this type of terrace door is the feasible dimensions of the construction.

*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.

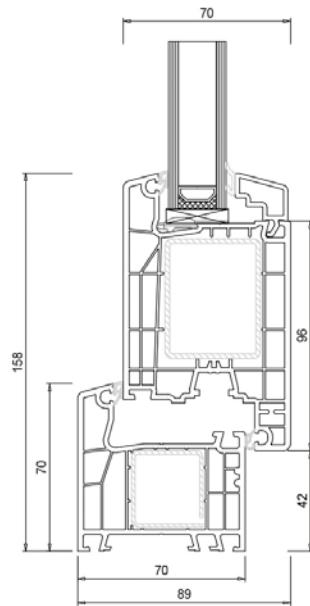


IDEAL 4000 I 7000

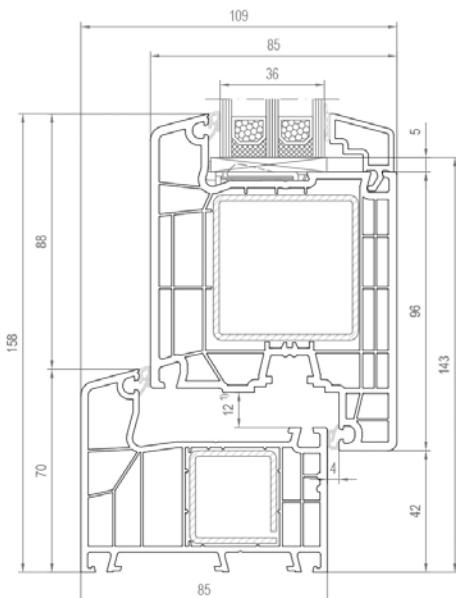
Entrance doors



IDEAL 4000



IDEAL 7000

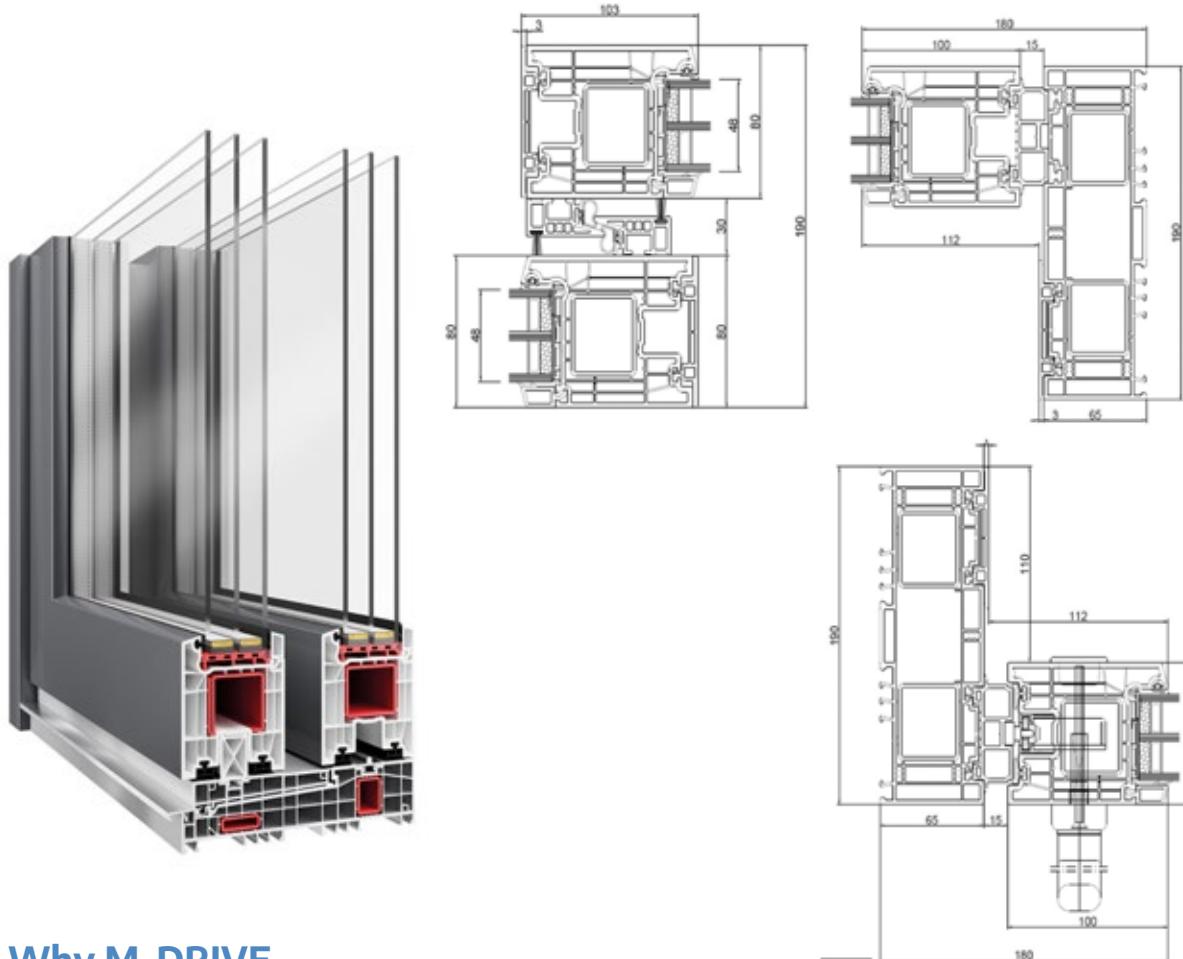


The characteristic features of doors in aluplast systems are their solidity and elegance. Thanks to multi-chamber construction, a casing depth of 70 to 85 mm, they have very good thermal insulation parameters.

*Frame-sealed steel is not standard, surcharge to be added according to surcharge price list.

M-DRIVE

sliding doors



Why M-DRIVE

The main design assumptions that guided the engineers when creating this product, there was a desire to achieve the maximum efficiency with maximum simplification of production, and thus, while minimizing the number of system components. This is how the HS M-Drive lift and slide door were created. The basic elements are - a frame with a depth of installation 190 mm with steel reinforcement, which is in the Therm version additionally supplemented with thermal filling, and the sash profile with an installation depth of 80 mm. The system is complemented by an extremely "warm" multi-chamber threshold.

- sash installation depth 80 mm
- frame installation depth 190 mm
- height: frame + sash - 180 mm, sash + threshold - 152 mm
- possibility of glazing with packets up to 51 mm
- warm and stable multi-chamber threshold
- possible to make scheme A and K
- anti-burglary protection up to RC2 class
- number of chambers - 5

Monolit thermal installation products for

WINDOWS AND DOORS AVAILABLE TODAY

Monolit presents innovative solutions that ideally replace standard foam and door point supports.

The extraordinary properties of MonoTHERM make the window perfectly sealed, insulated from the surface and able to withstand much greater loads without sagging or damage.

I **MonoTHERM LIGHT thermal skirting board**

- standard dimension: 1,200/50/35 mm,
- adaptable to any PVC, ALU or timber profile,
- optimised coefficient thanks to highly insulating properties,
- certified component for passive houses,
- Easy and quick installation, stable support of the window in the wall.



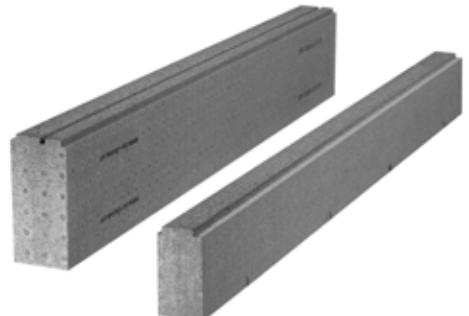
I **HS / HST MonoTHERM sill plate 150 | 170**

- the specially hardened material in combination with XPS creates an exceptionally warm sill plate $\lambda = 0.04 \text{ W/m}^2\text{K}$,
- height from 30 to 300 mm (in 10 mm steps),
- length: 1,200 mm,
- available widths: 130 mm, 150 mm, 170 mm,
- can be manufactured to any threshold profile,
- maximum load confirmed by tests 17 kg/cm².



I Sill plates MonoTHERM 60 | 70

- specially hardened expanded polystyrene,
- thermal extension for doors and windows made of PVC, ALU and wood,
- height from 30 to 300 mm (in 10 mm steps),
- length: 1,200 mm,
- available widths: 60 mm, 70 mm,
- can be manufactured to any window profile,



I Warm window sill

- removal of thermal bridges,
- available in three versions: double-sided, external, internal,
- appropriate support of the window in the wall,
- adaptable to any profile,
- standard dimensions: 1,250/350/65 available in heights from 55 mm to 75 mm.



I Warm window sill MonoCORE

- standard dimension: 1,200/350/65,
- MonoTHERM hard core material,
- a combination of two materials: XPS and MonoTHERM,
- creates an extremely sturdy support for the window,
- available in three versions: double-sided, external, internal,
- adaptable to any profile system.



*Any design is available. XPS 500 kPa available on request.

PRICE LIST FOR CONVENTIONAL PVC WINDOWS



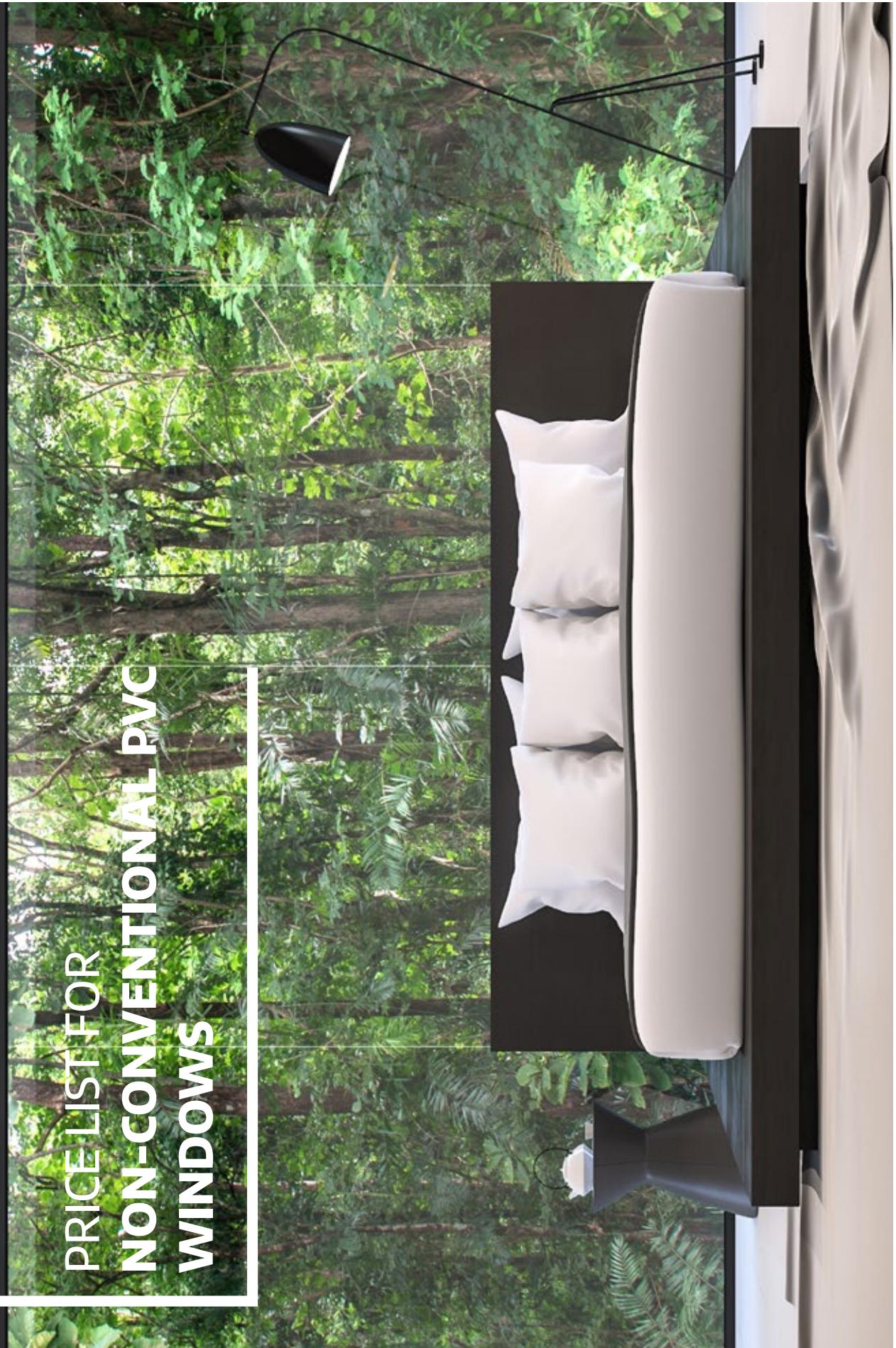
Net prices in EUR for white joinery.

The values in the tables apply to windows with 4/16A/4TPS glazing units.
Dimensional tolerance ±35 mm in height and width.



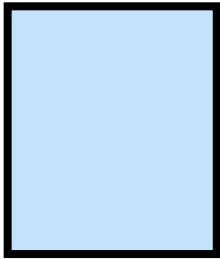
WINDOW TYPE	WIDTH X HEIGHT	FUNCTION OF THE FITTING	GLAZING 4/16A/4 TPS (net price)
1	565 x 535	U	97
2	865 X 535	U	115
3	1165x535	U	137
03a	1465x535	U	151
4	565 x 835	U	115
5	865 x 835	U	140
6	1165x835	U	164
7	1465 x 835	U	188
010-011	565x1135	RU	158
014-015	865x1135	RU	176
016-017	1165x1135	RU	211
026-027	565x1435	RU	178
030-031	865x1435	RU	199
032-033	1165x1435	RU	238
042-043	565x1635	RU	191
046-047	865x1635	RU	214
016a-017a	1165x1135	R+RU	260
018-019	1465x1135	R+RU	287
020-021	1765x1135	R+RU	334
022-023	2065x1135	R+RU	360
032a-033a	1165x1435	R+RU	296
034-035	1465x1435	R+RU	327
036-037	1765x1435	R+RU	376
038-039	2065X1435	R+RU	410
048a-049a	1165x1635	R+RU	319
050-051	1465x1635	R+RU	354
052-053	1765x1635	R+RU	410
054-055	2065x1635	R+RU	442
038TS-039TS	2065x1435	R+R+RU	477
065TS-066TS	2365x1435	R+R+RU	497
0B3-0B4	865 x 2095	R	255
0B5-0B6	865x2195	R	265
0B7-0B8	865 x 2295	R	272

**PRICE LIST FOR
NON-CONVENTIONAL PVC
WINDOWS**





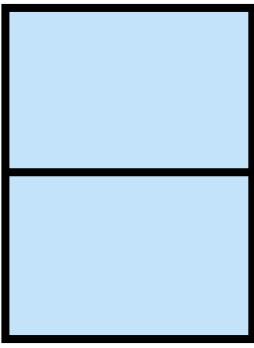
**Fixed window – FIX in the frame
Glazing: 4/16A/4TPS**



Height \ Width	500-600	601-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900
500-600	71	75	80	84	89	93	98	103	108	112	117	122	127	136
601-700	75	80	85	90	96	101	106	111	117	122	127	132	138	148
701-800	80	85	91	97	103	108	114	120	126	131	137	143	149	161
801-900	84	90	97	103	110	115	122	128	134	140	147	154	160	172
901-1000	89	96	103	110	116	123	130	137	143	150	157	164	170	183
1001-1100	93	101	108	115	123	131	138	145	153	160	167	175	182	197
1101-1200	98	106	114	122	130	138	146	154	162	169	177	185	193	209
1201-1300	103	111	120	128	137	145	154	162	170	179	187	196	204	222
1301-1400	108	117	126	134	143	153	162	170	179	189	197	206	215	233
1401-1500	112	122	131	140	150	160	169	179	189	198	207	217	226	246
1501-1600	117	127	137	147	157	167	177	187	197	207	217	228	237	273
1601-1700	122	132	143	154	164	175	185	196	206	217	228	238	259	
1701-1800	127	138	149	160	170	182	193	204	215	226	237	258		
1801-1900	131	142	155	166	178	189	201	213	224	236	257			
1901-2000	136	148	160	172	184	197	209	221	233	254				
2001-2100	140	154	166	179	191	204	217	229	242					
2101-2200	145	159	172	185	198	211	224	238	260					
2201-2300	150	164	177	191	205	219	233	254						
2301-2400	160	174	189	204	219	234	250							

Net prices in EUR

The values quoted apply to windows with 4/16A/4 TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.
In the case of exceeding the size of a square glass unit by more than 1,650 mm x 1,650 mm, an extra 6 mm (± 50 mm) should be added to the glass unit - square tolerance.



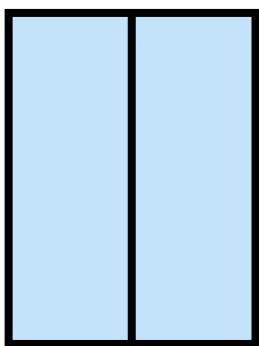
Fixed window - FIX in the frame **Glazing: 4/16A/4TPS**



Width Height	1200- 1300	1301- 1400	1401- 1500	1501- 1600	1601- 1700	1701- 1800	1801- 1900	1901- 2000	2001- 2100	2101- 2200	2201- 2300	2301- 2400	2401- 2500	2501- 2600	2601- 2700	2701- 2800	2801- 2900	2901- 3000	3001- 3100
600-700	125	131	136	141	147	150	157	162	167	171	178	183	189	192	199	204	208	214	225
701-800	134	140	147	153	157	164	169	176	181	187	192	199	204	210	215	221	227	233	246
801-900	145	151	157	164	170	176	183	189	195	201	208	214	220	227	233	239	245	252	264
901-1000	155	161	168	175	182	189	196	202	209	216	223	229	236	243	250	257	264	270	283
1001-1100	164	171	179	187	193	201	209	216	223	230	238	245	252	261	267	275	283	289	302
1101-1200	174	182	190	198	206	214	221	229	237	245	253	261	268	277	285	293	300	309	326
1201-1300	184	192	201	209	218	226	235	243	251	260	268	276	285	293	302	310	319	327	344
1301-1400	194	202	212	220	230	238	248	256	266	274	283	292	301	310	319	327	337	346	363
1401-1500	204	214	222	231	241	252	261	270	280	288	297	309	318	327	337	346	355	365	387
1501-1600	213	223	233	244	253	264	273	283	293	303	313	324	333	344	353	364	373	384	404
1601-1700	223	234	244	255	265	276	287	297	308	318	329	339	349	361	371	381	392	403	425
1701-1800	234	244	256	266	278	288	300	310	322	332	344	354	366	376	389	399	411	421	442
1801-1900	243	255	266	278	290	301	313	324	337	347	359	371	382	394	406	418	429	441	476
1901-2000	252	265	276	289	301	314	325	338	349	362	374	386	398	411	422	435	447	481	
2001-2100	262	275	288	300	313	325	338	351	364	376	389	401	415	427	440	452	483		
2101-2200	272	285	299	312	325	338	352	364	378	391	405	417	431	443	457	487			
2201-2300	282	296	310	322	338	351	365	378	392	406	420	433	448	460	492				
2301-2400	300	317	332	344	363	378	393	407	421	436	451	463	482	494					

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.
In the case of exceeding the size of a square glass unit by more than 1,650 mm x 1,650 mm, an extra 6 mm (± 50 mm) should be added to the glass unit – square tolerance.



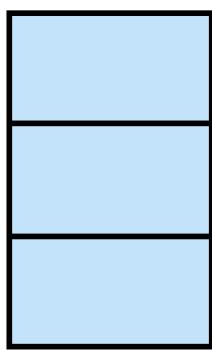
**Fixed window - FIX in the frame
Glazing: 4/16A/4TPS**



Height	Width	600-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600
1000-1100	115	123	132	141	151	159	168	177	185	185	201
1101-1200	121	130	139	148	157	167	177	186	194	194	212
1201-1300	126	135	145	156	165	175	185	195	204	204	224
1301-1400	131	141	152	162	172	183	193	204	214	214	234
1401-1500	137	147	158	169	180	191	202	213	223	223	244
1501-1600	141	154	165	176	187	198	211	222	233	233	256
1601-1700	147	159	171	183	194	207	219	231	243	243	267
1701-1800	152	165	177	190	202	214	228	240	252	252	277
1801-1900	157	170	184	196	209	223	236	249	262	262	289
1901-2000	162	176	191	204	217	230	244	258	272	272	299
2001-2100	168	182	197	210	224	239	252	267	281	281	309
2101-2200	174	187	203	218	232	246	261	276	291	291	320
2201-2300	179	194	209	224	239	255	269	285	300	300	330
2301-2400	184	200	215	231	246	263	278	293	310	310	343
2401-2500	194	211	226	247	261	278	295	309	329	329	369

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.
In the case of exceeding the size of a square glass unit by more than 1,650 mm x 1,650 mm, an extra 6 mm (± 50 mm) should be added to the glass unit - square tolerance.



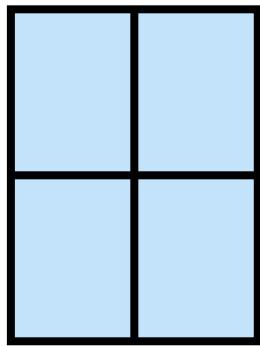
Fixed window - FIX in the frame **Glazing: 4/16A/4TPS**



Width \ Height	1500-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600
600-700	164	170	175	180	186	191	196	201	206	211	217	222	228	233	238	243	249	255	260	265	276
701-800	177	184	189	194	201	207	212	217	224	229	235	242	247	252	258	265	270	275	282	288	299
801-900	190	196	202	209	215	221	229	235	241	247	253	260	266	272	279	285	292	298	304	311	323
901-1000	202	209	216	223	230	237	244	251	258	265	272	279	286	293	300	306	314	320	327	334	349
1001-1100	216	223	230	238	245	252	261	268	274	283	290	297	304	313	319	326	335	342	349	357	374
1101-1200	228	236	245	252	260	269	275	285	292	300	309	316	324	332	340	347	356	363	372	379	394
1201-1300	241	250	258	267	275	284	293	301	310	318	326	335	344	352	360	369	376	385	394	402	420
1301-1400	254	264	272	281	291	299	308	317	326	335	344	354	362	371	381	390	398	407	417	425	442
1401-1500	267	277	286	295	305	314	324	334	343	353	362	372	382	391	401	411	420	430	440	448	466
1501-1600	280	290	300	310	320	330	340	350	361	371	381	391	401	411	421	431	442	451	461	471	491
1601-1700	293	303	314	325	335	346	357	367	377	389	399	408	420	431	441	452	463	473	484	495	517
1701-1800	307	316	328	339	350	362	372	384	395	405	417	429	439	451	461	472	484	494	506	518	541
1801-1900	318	331	341	353	365	376	389	400	412	423	435	447	458	470	482	494	505	517	529	540	563
1901-2000	332	344	356	368	381	392	405	417	429	442	453	466	477	490	502	514	526	538	551	563	586
2001-2100	359	370	384	399	411	425	437	452	461	478	488	502	516	528	543	555	569	581	595	607	632

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list. In the case of exceeding the size of a square glass unit by more than 1,650 mm x 1,650 mm, an extra 6 mm (± 50 mm) should be added to the glass unit – square tolerance.



**Fixed window - FIX in the frame
Glazing: 4/16A/4TPS**



Width \ Height	1200-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500
1200-1300	247	258	268	278	288	298	309	317	327	337	347	357	378
1301-1400	258	268	280	290	300	311	321	331	341	351	362	372	391
1401-1500	268	280	290	300	313	323	333	346	356	366	378	389	410
1501-1600	278	290	300	313	323	335	347	358	370	380	393	405	429
1601-1700	288	300	313	323	335	347	360	372	384	397	407	419	445
1701-1800	298	311	323	335	347	360	372	384	399	411	423	436	461
1801-1900	309	321	333	347	360	372	387	399	411	426	438	450	475
1901-2000	317	331	346	358	372	384	399	413	426	440	452	467	496
2001-2100	327	341	356	370	384	399	411	426	440	455	469	484	512
2101-2200	337	351	366	380	397	411	426	440	455	469	484	498	528
2201-2300	347	362	378	393	407	423	438	452	469	484	498	515	547
2301-2400	357	372	389	405	419	436	450	467	484	498	515	529	557
2401-2500	378	391	410	429	445	461	475	496	512	528	547	557	576

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list. In the case of exceeding the size of a square glass unit by more than 1,650 mm x 1,650 mm, an extra 6 mm (± 50 mm) should be added to the glass unit - square tolerance.



Fixed window - FIX in the sash **Glazing: 4/16A/4TPS**



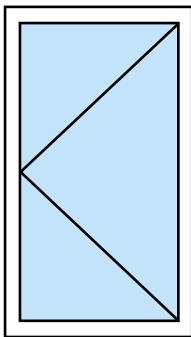
Width Height	500-600	601-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900
500-600	81	88	93	99	105	111	117	123	128	134	140	146	152	165
601-700	88	94	100	106	113	119	126	132	138	145	152	157	164	177
701-800	93	100	107	114	121	128	135	141	149	155	162	169	176	191
801-900	99	106	114	122	129	137	144	152	159	166	174	181	189	203
901-1000	105	113	121	129	137	145	153	161	169	177	185	192	201	218
1001-1100	111	119	128	137	145	154	162	170	179	187	196	205	214	232
1101-1200	117	126	135	144	153	162	171	180	189	198	207	217	226	245
1201-1300	123	132	141	152	161	170	180	190	199	209	219	228	238	257
1301-1400	128	138	149	159	169	179	189	199	209	220	230	240	250	270
1401-1500	134	145	155	166	177	187	198	209	220	231	241	252	263	284
1501-1600	140	152	162	174	185	196	207	219	230	241	252	263	275	297
1601-1700	146	157	169	181	192	205	217	228	240	252	263	275	287	312
1701-1800	152	164	176	189	201	214	226	238	250	263	275	287	299	340
1801-1900	157	170	183	196	209	222	235	248	260	273	286	298	324	
1901-2000	164	177	190	204	217	231	244	257	270	283	297	320		
2001-2100	169	183	197	211	226	239	253	266	280	294	308			
2101-2200	175	190	205	219	233	248	262	276	290	305	330			
2201-2300	182	197	211	226	241	256	271	286	301	326				
2301-2400	195	210	225	242	257	273	288	306	321					

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.
In the case of exceeding the size of a square glass unit by more than 1,650 mm x 1,650 mm, an extra 6 mm (± 50 mm) should be added to the glass unit – square tolerance.



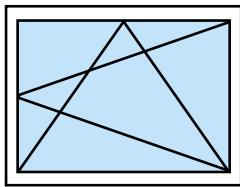
Tilt window Glazing: 4/16A/4TPS



Height \ Width	400-450	451-500	501-600	601-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600
400-500	89	89	94	101	112	118	123	128	140	148	153	155	160
501-600	94	94	100	108	119	125	131	137	150	158	164	166	170
601-700	99	99	106	114	126	133	140	147	159	168	175	177	182
701-800	105	105	111	121	133	141	148	156	169	178	185	188	193
801-900	110	110	118	127	142	150	158	164	179	188	196	199	205
901-1000	113	113	145	153	162	170	178	186	201	209	217	225	243
1001-1100	115	115	147	155	166	174	182	191	206	215	223	232	249
1101-1200	125	125	153	162	172	181	191	199	215	225	234	243	261
1201-1300	135	135	158	169	179	189	198	208	225	234	244	254	274
1301-1400	145	145	165	175	186	197	206	217	234	244	254	265	286
1401-1500	154	154	170	181	193	204	214	225	243	254	265	276	298
1501-1600	174	174	181	194	207	218	230	242	261	273	286	298	321

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.
In the case of exceeding the size of a square glass unit by more than 1,650 mm x 1,650 mm, an extra 6 mm (± 50 mm) should be added to the glass unit - square tolerance.



Tilt-and-turn window

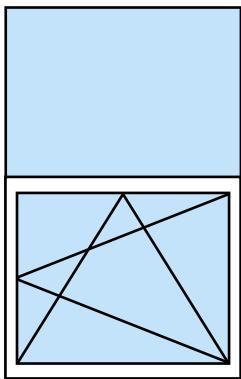
Glazing: 4/16A/4TPS



Height \ Width	600-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700
600-700	126	132	138	157	163	170	176	182	189	199	221
701-800	132	139	147	165	172	179	186	193	200	211	233
801-900	138	147	153	173	180	188	196	203	211	223	247
901-1000	155	163	173	184	192	200	208	216	224	243	279
1001-1100	162	170	181	192	201	209	217	226	235	254	292
1101-1200	169	178	189	201	209	218	228	237	246	266	307
1201-1300	175	185	197	208	217	228	237	247	256	278	321
1301-1400	182	194	206	217	227	237	248	258	268	290	
1401-1500	189	201	213	225	236	246	257	268	279		
1501-1600	196	208	222	233	244	256	267	279			
1601-1700	201	214	226	241	253	265	277				
1701-1800	203	215	227	252	264	276					
1801-1900	222	236	248	266							
1901-2000	260	277	291	296							

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



Tilt-and-turn window + Fix in frame **Glazing: 4/16A/4TPS**



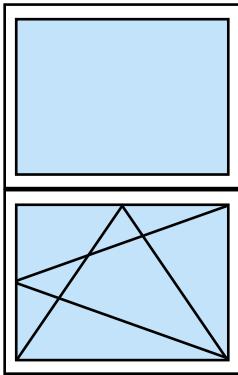
Width \ Height	800-900	901-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100
600-700	144	150	156	162	167	174	179	185	191	208	215	221	226	232	238	244	250	255	261	268	273	279	291
701-800	154	160	166	173	179	185	192	199	204	223	229	236	242	249	255	261	267	274	280	287	293	300	313
801-900	162	169	176	183	190	197	204	211	218	236	244	250	258	264	272	278	285	292	299	305	313	319	333
901-1000	174	182	189	196	204	211	219	226	234	253	260	267	275	282	290	297	305	312	320	327	335	342	356
1001-1100	183	191	199	207	214	223	231	239	246	266	275	283	290	298	307	315	322	331	338	347	355	362	377
1101-1200	192	201	209	218	226	235	243	252	260	281	288	298	305	315	322	332	339	348	357	366	374	383	401
1201-1300	201	209	219	228	237	246	255	264	273	294	303	312	321	330	339	348	357	366	376	384	393	403	421
1301-1400	210	220	229	238	249	258	267	277	287	308	318	327	337	346	356	365	375	384	394	404	413	423	442
1401-1500	230	239	250	260	270	279	289	300	322	332	342	353	362	372	383	393	403	413	423	433	443		
1501-1600	239	250	261	271	282	292	303	313	337	347	357	368	379	389	400	410	421	432	442				
1601-1700	249	260	271	282	293	304	315	327	350	361	372	383	394	406	416	428	438	450					
1701-1800	260	272	283	295	307	318	330	342	365	378	389	400	413	425	436	448							
1801-1900	285	295	308	321	334	347	359	371	389	401	414	426	439	452									
1901-2000	334	342	358	374	388	404	417	429	435	447	463	476	493										

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.

Tilt-and-turn window + FIX in the sash

Glazing: 4/16A/4TPS



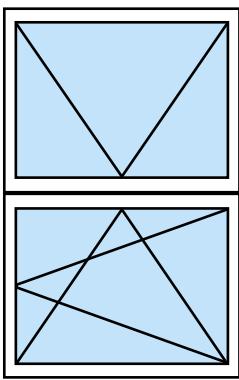
Width Height	800- 900	901- 1000	1001- 1100	1101- 1200	1201- 1300	1301- 1400	1401- 1500	1501- 1600	1601- 1700	1701- 1800	1801- 1900	1901- 2000	2001- 2100	2101- 2200	2201- 2300	2301- 2400	2401- 2500	2501- 2600	2601- 2700	2701- 2800	2801- 2900	2901- 3000	3001- 3100
600-700	162	169	174	180	186	194	200	206	213	224	230	236	244	251	256	263	270	278	283	290	303	328	380
701-800	172	179	185	192	200	207	214	221	228	239	246	253	260	268	275	282	289	297	304	312	326	354	410
801-900	183	190	197	204	212	220	227	235	242	255	262	269	278	285	293	300	307	316	324	332	348	380	444
901-1000	201	209	216	224	232	241	249	257	265	278	286	293	302	310	318	327	334	344	352	360	377	410	477
1001-1100	211	221	227	235	245	253	263	271	279	293	301	310	318	327	337	344	354	363	371	381	400	438	515
1101-1200	222	231	239	248	257	266	276	285	294	308	317	326	336	346	354	363	372	382	391	400	419	456	531
1201-1300	231	242	250	260	269	279	289	299	309	322	332	342	352	362	371	381	391	401	411	421	439	476	551
1301-1400	243	253	262	273	283	293	303	313	324	338	348	359	369	380	390	400	411	421	432	442	462	502	581
1401-1500	253	264	273	284	294	306	316	327	338	353	364	374	386	397	407	418	429	441	451	462	483	526	610
1501-1600	264	276	286	297	309	320	331	342	353	369	381	391	403	415	426	438	449	462	473	484	505	549	636
1601-1700	275	286	297	309	320	333	344	356	368	385	396	407	420	432	444	456	467	480	492	504	528	577	675
1701-1800	291	303	315	327	339	352	364	377	390	407	419	430	442	456	468	481	493	506	519	531	556	606	706
1801-1900	302	314	326	339	352	364	379	391	404	421	434	447	459	473	486	499	512	525	538	551	578	630	735
1901-2000	324	336	349	363	378	389	407	418	431	450	465	481	494	505	524	534	549	563	577	592	621	678	794

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



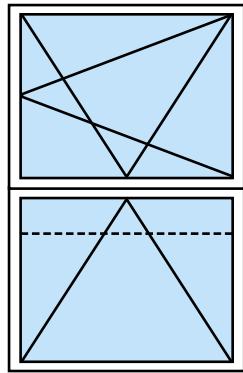
Tilt-and-turn window + turn window **Glazing: 4/16A/4 TPS**



Width \ Height	800-900	901-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100
600-700	180	186	194	199	206	212	219	224	231	262	269	276	281	288	295	302	307	314	320	327	333	340	353
701-800	192	199	205	212	220	226	233	240	247	278	285	292	299	306	313	320	327	334	341	348	355	362	375
801-900	201	209	216	224	230	238	246	253	261	293	301.	308	315	323	331	338	346	352	361	367	376	383	396
901-1000	217	236	244	253	261	269	278	289	297	313	322	329	337	345	353	361	369	377	385	393	401	409	425
1001-1100	227	246	256	266	274	283	292	305	313	329	337	346	354	362	371	379	388	397	405	414	422	431	448
1101-1200	238	259	268	278	288	297	307	319	329	344	353	362	371	379	389	398	407	416	426	435	443	453	471
1201-1300	248	270	280	290	301	310	320	333	344	358	368	377	387	397	406	415	426	435	445	455	464	473	490
1301-1400	258	282	293	303	314	324	335	349	360	374	384	394	404	414	425	435	444	455	465	476	486	496	518
1401-1500		294	305	316	327	339	349	364	375	389	400	411	421	432	442	453	463	475	485	496	507	517	
1501-1600	306	317	329	341	352	364	379	392	405	416	427	438	450	461	472	483	494	506	517				
1601-1700		312	325	336	349	361	374	384	398	419	431.	443	455	466	479	489	502	513	526				
1701-1800		317	329	341	353	365	377	390	402	438	451.	463	475	488	501	513	525						
1801-1900		344	356	369	382	396	409	422	435	453	472	492	505	518	532								
1901-2000		399	410	426	440	457	472	482	486	501	513	550	563	577									

Net prices in EUR

The values quoted apply to windows with 4/16A/4 TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



Tilt-and-turn window + Tilt (moving mullion) **Glazing: 4/16A/4TPS**



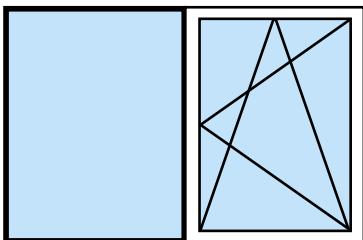
Width Height	800- 900	901- 1000	1001- 1100	1101- 1200	1201- 1300	1301- 1400	1401- 1500	1501- 1600	1601- 1700	1701- 1800	1801- 1900	1901- 2000	2001- 2100	2101- 2200	2201- 2300	2301- 2400	2401- 2500	2501- 2600	2601- 2700
600-700	192	199	204	212	217	224	230	237	255	278	283	290	296	303	309	315	322	329	343
701-800	202	209	216	223	230	237	244	251	270	292	299	306	313	320	327	334	340	348	363
801-900	216	224	231	239	246	254	261	269	288	311	318	326	333	341	348	356	363	371	389
901-1000	230	248	256	264	273	281	289	298	319	330	338	346	354	362	370	377	386	394	410
1001-1100	240	260	270	278	288	296	305	314	337	344	353	361	370	377	386	394	404	412	428
1101-1200	251	273	282	291	301	310	320	330	352	359	369	377	386	396	405	414	423	432	451
1201-1300	261	286	295	306	316	325	337	346	369	376	386	396	406	414	425	434	444	453	471
1301-1400	272	297	307	318	329	339	349	361	384	391	401	411	421	431	441	452	462	472	493
1401-1500	310	320	332	342	355	365	377	401	408	418	429	439	451	460	472	482	493	515	
1501-1600	321	332	344	356	368	379	392	416	423	434	445	456	467	479	489	501	512	534	
1601-1700	332	345	356	369	380	392	404	430	443	456	467	479	491	503	515	526	539		
1701-1800	334	346	358	371	383	395	407	431	459	471	484	496	508	520	532	545			
1801-1900	355	367	382	394	408	421	434	448	471	485	497	510	524	537	551				
1901-2000	397	410	428	440	459	472	488	480	494	512	523	539	556	572					

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



**FIX window in frame + Tilt-and-turn
Glazing: 4/16A/4TPS**



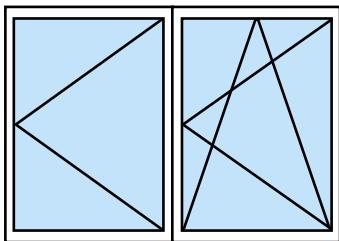
Width Height	600-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600
1000-1100	152	162	173	187	198	208	218	229	238	257
1101-1200	158	169	179	194	204	216	227	238	249	270
1201-1300	164	175	186	202	213	224	236	248	258	278
1301-1400	171	183	194	209	221	234	245	258	269	292
1401-1500	176	189	201	218	229	242	255	267	280	305
1501-1600	182	196	208	225	237	251	263	277	289	314
1601-1700	187	201	215	233	245	260	273	287	300	328
1701-1800	202	216	230	249	262	276	290	304	318	345
1801-1900	208	223	237	256	270	285	299	314	329	358
1901-2000	214	229	244	263	278	293	308	324	339	368
2001-2100	220	235	251	270	286	302	317	333	349	381
2101-2200	226	242	258	278	294	311	327	344	359	390
2201-2300	232	249	265	286	303	319	336	354	369	401
2301-2400	238	255	272	293	310	328	344	362	380	416
2401-2500	250	268	286	309	326	344	361	380	402	447

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



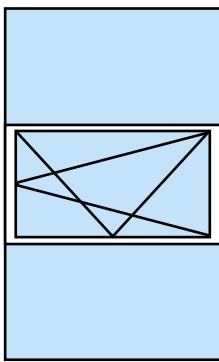
**Tilt-and-turn + turn-only window
Glazing: 4/16A/4TPS**



Height	Width	600-700	701-800	801-900	901-1000	1001-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600
1000-1100	191	203	215	231	243	260	276	289	299	321	
1101-1200	198	209	221	239	251	268	286	298	310	333	
1201-1300	204	217	229	247	259	278	295	309	320	343	
1301-1400	212	224	237	256	269	287	305	320	332	358	
1401-1500	217	231	244	264	278	296	315	329	343	370	
1501-1600	224	239	253	272	286	306	325	339	353	382	
1601-1700	231	246	259	280	295	315	335	349	364	394	
1701-1800	263	277	293	313	328	349	364	382	397	427	
1801-1900	271	284	300	322	337	358	374	392	408	440	
1901-2000	276	291	307	329	346	367	384	402	418	451	
2001-2100	283	298	315	337	354	377	392	413	429	462	
2101-2200	290	306	323	346	362	386	403	423	440	473	
2201-2300	296	313	331	354	372	394	413	434	450	484	
2301-2400	303	320	338	362	380	404	422	444	462	498	
2401-2500	317	335	351	378	396	424	440	463	485	528	

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



FIX window in frame + Tilt-and-Turn + FIX window in frame

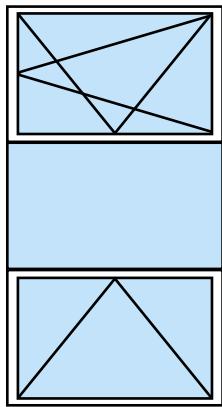
Glazing: 4/16A/4TPS



Width \ Height	1700-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600
600-700	198	204	210	216	221	238	244	249	254	272	278	283	290	295	300	305	311	317	330
701-800	214	220	227	234	239	255	262	268	273	293	298	304	311	317	323	330	335	341	351
801-900	229	237	244	251	258	273	280	287	293	312	319	325	332	339	346	352	359	366	379
901-1000	246	254	261	269	276	294	301	308	315	334	341	349	356	363	371	377	385	392	407
1001-1100	260	269	276	285	293	311	320	327	334	354	362	370	378	386	393	401	409	416	431
1101-1200	280	288	296	305	313	330	338	346	354	375	383	391	400	408	416	425	433	441	457
1201-1300	296	304	313	323	332	347	356	364	374	394	404	412	421	430	438	448	457	465	481
1301-1400	311	320	331	340	349	365	375	384	393	414	425	434	443	453	462	470	480	489	507
1401-1500	327	337	347	357	367	384	392	403	413	436	444	455	465	474	485	494	504	514	535
1501-1600	341	353	363	374	384	401	411	422	433	455	465	477	487	496	507	517	528	539	559
1601-1700	359	370	381	392	404	419	430	440	452	475	486	497	508	518	530	540	551	563	586
1701-1800	376	387	400	411	423	438	450	462	473	496	509	520	531	543	554	566	577	589	
1801-1900	392	404	416	429	441	475	487	500	517	529	541	554	566	578	591	603			
1901-2000	422	439	450	463	478	548	563	576	595	605	606	623	636	647	664				

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



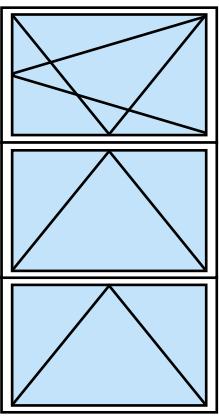
Turn-only window + FIX in frame + Tilt-and-turn window
Glazing: 4/16A/4TPS



Width Height	1700- 1800	1801- 1900	1901- 2000	2001- 2100	2101- 2200	2201- 2300	2301- 2400	2401- 2500	2501- 2600	2601- 2700	2701- 2800	2801- 2900	2901- 3000	3001- 3100	3101- 3200	3201- 3300	3301- 3400	3401- 3500	3501- 3600
600-700	243	249	255	263	268	275	280	286	293	323	329	335	341	347	354	360	365	371	385
701-800	261	268	275	282	289	295	301	308	314	346	352	358	365	371	378	384	391	398	411
801-900	278	286	294	301	308	313	320	327	334	366	373	381	387	394	401	408	415	423	438
901-1000	305	313	321	330	338	339	345	353	361	392	400	408	415	423	431	438	445	454	473
1001-1100	320	329	337	346	355	357	365	374	382	414	422	430	438	446	455	463	470	479	497
1101-1200	340	350	358	367	376	377	384	393	402	436	443	453	461	470	478	487	495	504	523
1201-1300	358	367	377	386	396	401	404	413	422	456	465	474	483	493	502	511	520	530	549
1301-1400	376	386	396	407	414	416	425	434	444	478	487	497	507	517	526	537	547	556	574
1401-1500	392	403	413	425	433	437	444	455	464	499	510	519	530	540	549	561	571	581	601
1501-1600	411	422	433	444	453	455	465	475	486	521	532	543	553	564	575	586	597	608	629
1601-1700	428	440	452	463	472	476	484	495	507	542	553	565	576	587	599	610	621	633	657
1701-1800	453	466	478	490	496	502	507	519	531	567	580	591	603	615	627	640	651	662	
1801-1900	470	484	496	509	522	534	547	560	573	591	609	628	642	654	667	679			
1901-2000	505	520	532	547	575	599	627	643	656	662	668	702	719	731	746				

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



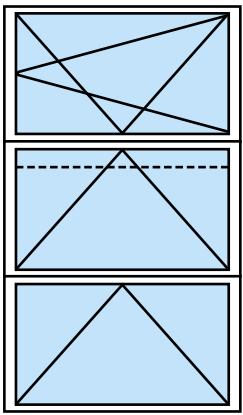
Turn-only + turn only + tilt-and-turn window **Glazing: 4/16A/4TPS**



Height \ Width	1700-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600
600-700	287	293	301	308	313	322	328	334	341	384	390	397	404	409	416	423	428	435	449
701-800	308	315	323	330	337	344	350	357	364	408	414	421	428	435	442	449	456	463	476
801-900	326	333	342	350	357	363	371	377	385	430	436	444	452	459	467	474	481	489	505
901-1000	356	364	372	381	390	392	399	408	416	460	468	477	484	492	501	508	516	524	541
1001-1100	371	379	388	398	406	411	420	429	438	483	491	500	509	517	525	534	542	551	569
1101-1200	394	405	414	423	433	433	441	450	459	505	514	523	532	541	550	559	568	577	595
1201-1300	414	424	434	444	452	453	462	471	480	527	537	546	556	566	575	585	595	604	621
1301-1400	435	444	455	466	474	477	484	494	504	551	561	571	581	591	601	612	622	632	652
1401-1500	453	463	474	486	494	496	505	516	526	574	584	595	606	616	627	638	648	659	680
1501-1600	472	483	494	507	516	517	527	539	549	597	608	619	630	642	652	664	676	686	708
1601-1700	492	504	516	528	536	540	547	559	571	619	630	643	654	666	677	689	701	713	737
1701-1800	520	532	546	558	563	570	574	588	599	647	661	672	684	697	709	723	734	746	
1801-1900	539	552	565	578	592	604	618	631	644	669	694	714	728	739	753	766			
1901-2000	576	591	605	617	651	672	707	717	735	712	758	797	814	823	841				

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



Turn-only + turn only + tilt-and-turn window + movable mullion

Glazing: 4/16A/4TPS



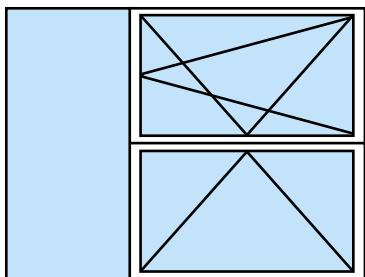
Height \ Width	1700-1800	1800-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000	3001-3100	3101-3200	3201-3300	3301-3400	3401-3500	3501-3600
600-700	299	305	312	319	325	334	340	346	352	395	401	409	415	421	428	435	440	447	460
701-800	321	328	336	343	350	357	363	370	377	421	427	435	442	448	455	462	470	476	489
801-900	341	348	358	365	372	378	386	392	401	445	451	460	467	474	482	489	496	505	521
901-1000	373	381	389	397	406	409	416	424	433	476	485	494	500	509	517	524	533	541	558
1001-1100	389	398	407	416	425	430	439	448	456	501	509	518	527	535	544	552	561	569	587
1101-1200	414	425	434	444	453	453	461	470	479	525	534	543	552	561	570	579	588	597	615
1201-1300	436	445	456	465	473	475	484	493	502	549	559	567	578	588	597	606	617	625	643
1301-1400	458	468	478	492	497	500	521	517	528	574	584	594	605	615	625	635	645	655	674
1401-1500	478	488	499	511	519	522	530	540	551	599	609	620	631	641	652	663	673	684	705
1501-1600	498	510	521	534	542	544	554	565	576	624	635	646	657	669	679	691	702	713	735
1601-1700	520	532	544	556	564	568	575	587	599	647	659	671	682	694	706	718	729	741	766
1701-1800	550	563	575	588	592	600	604	617	629	677	691	703	714	727	739	753	764	776	
1801-1900	570	584	597	610	624	636	650	663	676	700	725	746	759	771	785	798			
1901-2000	611	626	640	653	687	706	742	753	770	746	794	832	849	858	876				

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



Turn-only + tilt-and-turn + FIX in frame window
Glazing: 4/16A/4TPS

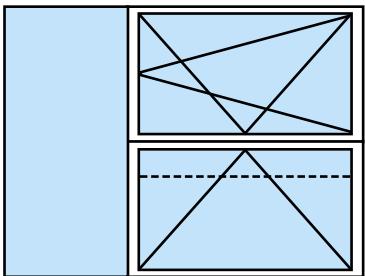


Width Height	1200-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200
1200-1300	277	289	300	311	323	339	355	374	384	404
1301-1400	290	302	313	325	337	353	371	389	400	423
1401-1500	300	312	325	337	349	367	384	404	414	436
1501-1600	311	324	337	349	363	381	399	418	430	456
1601-1700	323	335	349	363	376	393	411	432	445	470
1701-1800	342	356	371	385	398	418	437	458	471	497
1801-1900	353	367	382	398	411	430	451	472	487	517
1901-2000	362	378	393	408	423	442	465	487	502	532
2001-2100	372	388	404	420	435	455	479	501	516	546
2101-2200	386	404	419	436	451	472	493	516	532	565
2201-2300	397	414	431	448	465	485	507	530	547	581
2301-2400	408	426	443	460	478	499	521	544	562	596
2401-2500	418	436	455	472	490	513	534	559	577	613
2501-2600	439	457	480	496	514	542	561	588	607	645

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.

Turn-only + turn-and-tilt + movable mullion + FIX in frame
Glazing: 4/16A/4TPS



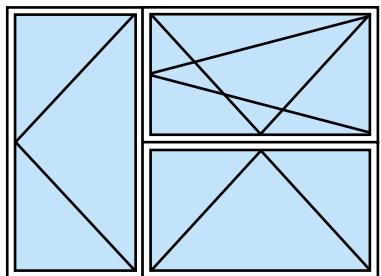
Height \ Width	1200-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200
1200-1300	297	309	320	331	343	38	375	394	404	424
1301-1400	312	323	335	347	359	375	392	410	422	444
1401-1500	323	336	349	360	373	390	408	427	438	459
1501-1600	336	349	361	375	388	406	424	442	455	482
1601-1700	349	362	375	390	402	419	438	459	471	496
1701-1800	371	384	399	413	427	446	465	486	499	526
1801-1900	383	398	412	427	441	460	481	502	517	547
1901-2000	394	410	425	440	455	474	497	518	533	564
2001-2100	406	421	437	453	469	489	513	534	549	580
2101-2200	421	439	454	470	486	507	528	551	568	601
2201-2300	433	451	468	484	501	522	544	567	584	618
2301-2400	447	464	482	499	516	537	559	583	600	635
2401-2500	459	476	496	512	530	553	575	599	617	653
2501-2600	482	501	523	539	558	585	606	631	650	689

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



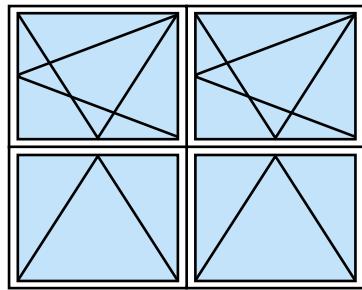
Turn-only + tilt-and-turn + tilt-only window
Glazing: 4/16A/4TPS



Width	1200-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	
Height	1200-1300	345	359	371	386	399	421	439	461	474	500
1301-1400	358	371	384	400	413	436	455	478	490	513	530
1401-1500	369	383	397	413	427	451	470	493	505	522	549
1501-1600	381	395	409	426	441	465	484	508	522	537	566
1601-1700	392	407	421	440	454	479	497	522	537	558	573
1701-1800	426	442	458	473	488	515	536	558	573	601	620
1801-1900	436	454	470	486	501	529	550	573	589	604	635
1901-2000	446	465	481	497	514	541	565	588	603	619	652
2001-2100	457	477	493	510	527	555	580	609	633	651	687
2101-2200	472	492	509	526	543	573	594	618	648	666	703
2201-2300	482	503	521	539	558	586	609	633	663	682	721
2301-2400	495	516	534	552	571	600	623	648	672	703	757
2401-2500	506	527	546	565	583	615	638	668	693	714	757
2501-2600	529	549	571	592	609	644	668	693	714	757	

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



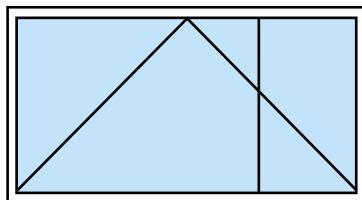
Four-sash window Glazing: 4/16A/4TPS



Width Height	1100-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600
1700-1800	470	487	502	517	534	548	585	606	628	642	660	673	689	706	738
1801-1900	482	499	515	531	547	562	599	622	644	660	676	692	708	724	756
1901-2000	491	510	526	542	559	575	614	638	660	677	694	710	726	743	776
2001-2100	505	522	538	554	573	589	628	654	677	693	713	729	745	763	799
2101-2200	524	540	559	575	593	610	649	670	694	713	730	748	765	783	819
2201-2300	536	552	571	590	608	626	662	686	711	729	748	767	782	801	839
2301-2400	548	567	586	604	622	641	679	702	726	745	765	782	801	819	855
2401-2500	561	579	598	618	637	655	695	718	743	763	783	801	819	840	880
2501-2600	575	593	615	633	654	674	712	737	761	782	802	822	842	861	897
2601-2700	587	608	626	647	667	688	728	753	777	798	820	840	861	879	915
2701-2800	599	620	641	662	682	702	743	767	794	814	838	858	879	900	941
2801-2900	611	632	655	675	696	719	758	783	810	832	854	874	898	918	957
2901-3000	626	649	670	692	713	736	777	805	833	854	878	899	921	942	983
3001-3100	655	682	700	727	748	770	813	848	881	898	926	947	968	990	1033

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



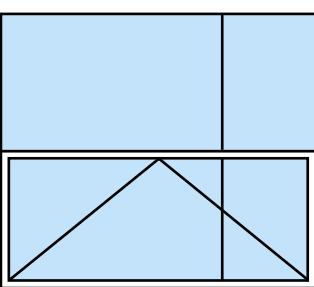
Turn-only balcony window **Glazing: 4/16A/4TPS**



Width. Height	600-650	651-700	701-750	751-800	801-850	851-900	901-950	951-1000	1001-1050	1051-1100	1101-1150	1151-1200	1201-1300
1800-1850	214	218	221	228	236	243	251	258	265	272	278	285	299
1851-1900	218	222	225	232	239	247	255	262	268	277	283	290	310
1901-1950	223	227	230	237	245	253	261	267	276	282	289	301	
1951-2000	226	230	233	241	249	256	265	272	280	287	293		
2001-2050	230	234	237	245	253	260	268	276	283	290	300		
2051-2100	233	237	240	249	256	265	273	280	288	295	303		
2101-2150	245	248	252	260	269	277	285	292	300	308	316		
2151-2200	249	253	256	265	273	281	288	296	304	312	321		
2201-2250	252	256	259	268	276	285	292	300	308	316			
2251-2300	254	258	261	270	278	286	296	304	312	325			
2301-2350		264	273	281	290	297	311	320					
2351-2400		267	276	285	293	302	316	334					
2401-2450		271	280	288	297	305	320						
2451-2500		274	283	292	300	309	327						
2501-2550		281	290	299	306								
2551-2600		288	297	306	313								

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.
Change of sash function from R to RU - 19 EUR



**Turn-only balcony window + FIX in frame
Glazing: 4/16A/4TPS**



Height	1000-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600
1800-1900	293	306	319	334	347	360	375	400	414	427	440	455	468	481	507	559
1901-2000	305	318	332	347	361	375	389	415	430	443	458	472	486	500	527	578
2001-2100	314	329	344	359	372	388	403	428	443	458	472	488	502	517		
2101-2200	333	348	364	378	393	408	423	451	467	482	497	511	533	550		
2201-2300	343	358	374	390	406	421	436	466	480	496	512	527				
2301-2400	369	385	401	418	436	452	469	486	501	525	542	558				
2401-2500	379	396	414	431	447	464	482	499	542	584						
2501-2600	397	418	439	455	471	489	508	525								

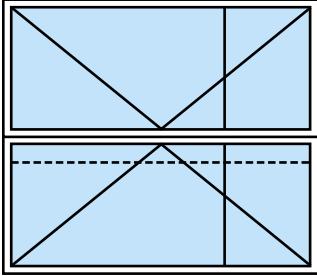
Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.

Change of sash function from R to RU - 19 EUR

Turn-only + turn balcony window (movable mullion)

Glazing: 4/16A/4TPS



Width Height	1000-1100	1101-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600
1800-1900	393	408	423	436	451	466	495	501	516	529	543	558	571	587	596	612
1901-2000	405	420	436	451	466	483	510	515	531	545	561	575	589	605		
2001-2100	420	435	451	469	483	500	527	534	550	564	580	596	610	625		
2101-2200	440	457	471	488	505	522	552	557	574	589	603	619	651			
2201-2300	448	465	490	507	524	541	571	575	594	610	650					
2301-2400	457	473	506	523	541	558	576	595	634							
2401-2500	461	478	539	556												
2501-2600	468															

Net prices in EUR

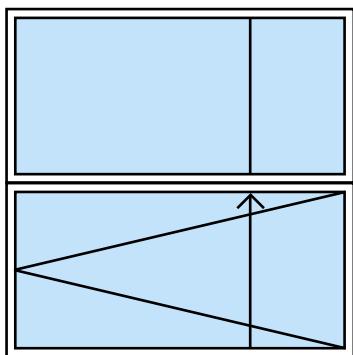
The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.

Change of sash function from R to RU - 19 EUR



Slide window + FIX in frame

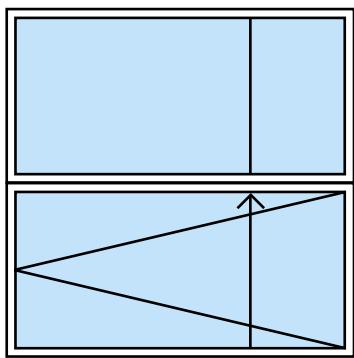
Glazing: 4/16A/4TPS



Height	Width 1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600	2601-2700	2701-2800
1800-1900	1054	1067	1092	1104	1121	1143	1156	1168	1187	1215	1227	1252
1900-2000	1070	1082	1107	1120	1138	1161	1173	1186	1205	1234	1247	1272
2001-2100	1082	1096	1122	1134	1153	1177	1190	1203	1222	1252	1265	1293
2101-2200	1099	1113	1139	1153	1171	1195	1209	1223	1243	1273	1286	1313
2201-2300	1112	1126	1153	1167	1187	1211	1226	1239	1260	1290	1304	1332
2301-2400	1131	1145	1173	1187	1207	1232	1247	1261	1283	1313	1328	1356
2401-2500	1168	1183	1211	1226	1247	1273	1288	1306	1330	1359	1374	1406

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.
Automatic fitting surcharge: 198 EUR (Note, in the case of choosing automatic fitting, please add 2 mm closed steel +7%)



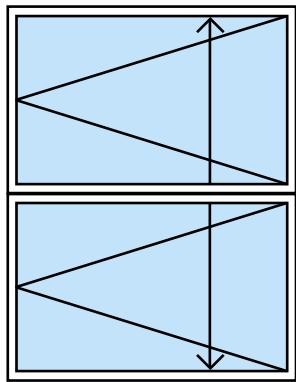
**Slide window + FIX in the sash
Glazing: 4/16A/4TPS**



Width Height	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600	2601-2700	2701-2800	2801-2900	2901-3000
1800-1900	1137	1154	1184	1201	1223	1250	1268	1284	1309	1341	1358	1388	1418	1448
1901-2000	1157	1174	1204	1223	1245	1273	1291	1309	1333	1368	1385	1415	1445	1475
2001-2100	1174	1192	1223	1242	1266	1295	1313	1332	1357	1391	1410	1443	1476	1509
2101-2200	1195	1214	1246	1266	1290	1319	1338	1358	1383	1419	1438	1471	1503	1536
2201-2300	1212	1232	1265	1285	1310	1341	1361	1380	1407	1443	1463	1497	1530	1563
2301-2400	1235	1256	1289	1310	1336	1367	1388	1409	1437	1473	1493	1528	1563	1599
2401-2500	1277	1298	1333	1354	1382	1414	1435	1460	1490	1525	1547	1585	1623	1660

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.
Automatic fitting surcharge: 198 EUR (Note, in the case of choosing automatic fitting, please add 2 mm closed steel +7%)



Sliding window – two sashes + (movable mullion)

Glazing: 4/16A/4TPS



Width Height	1600-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500	2501-2600	2601-2700	2701-2800
1800-1900	1665	1679	1692	1732	1743	1768	1803	1817	1829	1855	1902	1996
1901-2000	1682	1697	1711	1752	1765	1789	1825	1839	1852	1879	1926	2020
2001-2100	1698	1714	1728	1768	1783	1807	1843	1857	1871	1899	1946	2040
2101-2200	1720	1736	1751	1792	1807	1831	1867	1892	1897	1925	1974	2071
2201-2300	1735	1752	1766	1808	1823	1869	1886	1901	1917	1945	1994	2093
2301-2400	1760	1794	1815	1836	1852	1878	1916	1932	1948	1976	2026	2126
2401-2500	1811	1878	1913	1892	1910	1896	1975	1993	2009	2036	2088	2191

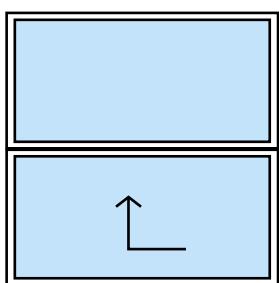
Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.
Automatic fitting surcharge: 198 EUR (Note, in the case of choosing automatic fitting, please add 2 mm closed steel +7%)





DOORS PRICE LIST

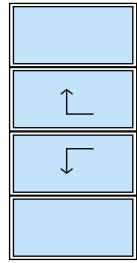


Lift and slide HST ALUPLAST, HST REHAU and M-DRIVE

**Scheme A, white, 2-chamber glazing unit
one sided handle + shell -type handle**



Width	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	
Height	2100	2423	2468	2513	2557	2602	2646	2691	2735	2780	2825	2870	2923	2968	3012	3058	3102
Width	2200	2472	2517	2562	2607	2652	2697	2743	2788	2833	2878	2923	2977	3023	3068	3114	3159
Width	2300	2520	2566	2612	2657	2703	2749	2795	2841	2886	2932	2977	3032	3078	3124	3170	3670
Width	2400	2595	2645	2695	2745	2796	2844	2891	2936	2984	3029	3084	3131	3604	3692	3755	3826
Width	2500	2617	2659	2701	2748	2798	2846	2897	2947	2998	3048	3098	3157	3208	3704	3771	4020
Width	2600	2644	2692	2740	2792	2839	2886	2928	2977	3020	3078	3124	3601	3690	3753	4022	4090
Width	2700	3137	3182	3675	3733	3790	3848	4140	4216	4349	4397	4456	4501	4550	4610	4650	4786
Width	2800	3640	3700	3758	3818	4094	4159	4247	4288	4453	4501	4563	4609	4658	4713	4761	4898
Width	2900	3721	3781	4058	4125	4191	4258	4341	4390	4556	4605	4668	4718	4769	4826	4877	5013
Width	3000	3897	3977	4163	4244	4307	4367	4442	4490	4659	4709	4773	4824	4881	4934	4986	5127
Width	3100	4090	4155	4230	4295	4377	4451	4501	4673	4720	4788	4838	4896	4950	5003	5145	5204
Width	3200	4155	4233	4299	4382	4455	4504	4679	4729	4797	4848	4906	4960	5014	5158	5218	5274
Width	3300	5300	5400	5500	5600	5700	5800	5900	6000								
Width	3400	4840	4894	4951	5003	5058	5112	5166	5223	5277							
Width	3500	4956	5011	5069	5122	5179	5237	5292	5350	5403							
Width	3600	5078	5127	5191	5242	5301	5360	5416	5474	5533							
Width	3700	5184	5244	5303	5363	5423	5482	5546	5613	5663							
Width	3800	5263	5319	5384	5444	5507	5570	5637	5689	5744							
Width	3900	5333	5400	5462	5524	5588	5655	5707	5775	5833							

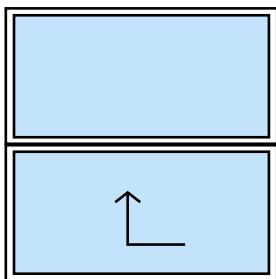


**ATTENTION! Scheme C -
the price of the structure times 2**

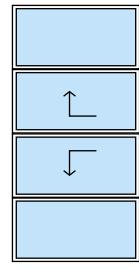
Net prices in EUR
Above the area of one glass of 3m² - 6mm glass included in the price.

Lift and slide HST ALUPLAST, HST REHAU and M-DRIVE

Scheme A, one-sided color, 2-chamber glazing unit
one sided handle + shell -type handle



Width Height	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
2100	2706	2756	2806	2855	2904	2953	3003	3053	3103	3152	3201	3261	3310	3360	3410	3460
2200	2762	2811	2860	2911	2960	3010	3061	3111	3161	3211	3261	3321	3372	3421	3473	3522
2300	2814	2865	2916	2966	3017	3068	3119	3169	3220	3270	3321	3382	3432	3483	3535	4040
2400	2871	2922	2973	3024	3075	3126	3178	3229	3280	3331	3383	3443	3495	3993	4061	4128
2500	2923	2969	3015	3067	3123	3173	3225	3275	3328	3377	3440	3491	3966	4062	4130	4424
2600	2952	3005	3058	3115	3167	3219	3266	3321	3367	3432	3483	3963	4059	4127	4426	4500
Width Height	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100
2100	3499	3548	4046	4109	4171	4234	4559	4641	4789	4840	4904	4952	5006	5070	5113	5263
2200	4008	4072	4135	4200	4507	4578	4673	4718	4900	4952	5020	5069	5121	5181	5233	5383
2300	4094	4160	4467	4540	4612	4684	4775	4828	5011	5064	5133	5185	5241	5302	5357	5507
2400	4423	4497	4570	4646	4719	4802	4884	4935	5122	5176	5245	5299	5361	5417	5474	5630
2500	4500	4570	4652	4722	4811	4892	4945	5135	5186	5259	5313	5376	5433	5490	5647	5711
2600	4570	4654	4726	4815	4894	4948	5140	5193	5267	5322	5384	5443	5500	5658	5723	5783

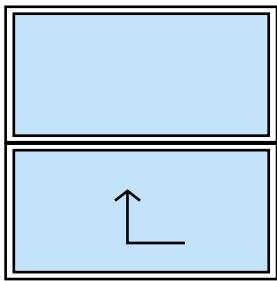


ATTENTION! Scheme C -
the price of the structure times 2

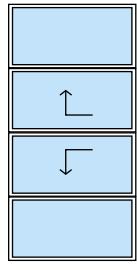
Net prices in EUR
Above the area of one glass of 3m² - 6mm glass included in the price.

Lift and Slide HST ALUPLAST, HST REHAU and M-DRIVE

**Scheme A, double-sided color, 2-chamber glazing unit
one sided handle + shell -type handle**



Width	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
Height	2100	3013	3068	3123	3178	3232	3287	3342	3397	3452	3507	3561	3627	3682	3737	3792
2200	3074	3129	3184	3239	3294	3350	3406	3461	3517	3571	3627	3693	3749	3804	3861	3916
2300	3133	3189	3245	3300	3357	3413	3470	3526	3581	3637	3693	3760	3817	3873	3930	4440
2400	3195	3252	3309	3365	3422	3478	3535	3591	3648	3704	3761	3829	3886	3940	4462	4535
2500	3251	3303	3355	3412	3474	3529	3587	3642	3701	3755	3824	3881	3958	4463	4536	4863
2600	3285	3344	3403	3466	3523	3580	3632	3693	3744	3816	3872	4354	4459	4533	4863	4943
Width	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100
Height	2100	3890	3945	4447	4516	4583	4651	5013	5103	5265	5320	5390	5441	5499	5569	5615
2200	4406	4475	4544	4614	4954	5032	5136	5183	5385	5440	5514	5567	5623	5687	5743	5910
2300	4499	4570	4910	4989	5067	5146	5245	5302	5504	5561	5635	5692	5752	5817	5877	6042
2400	4862	4943	5022	5103	5183	5273	5363	5417	5624	5681	5757	5814	5881	5942	6003	6174
2500	4944	5021	5109	5185	5282	5370	5427	5637	5691	5770	5827	5895	5957	6018	6190	6259
2600	5019	5110	5187	5285	5371	5428	5640	5697	5777	5835	5902	5965	6026	6200	6270	6334

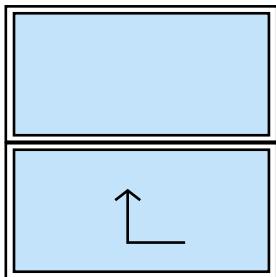


**ATTENTION! Scheme C -
the price of the structure times 2**

Net prices in EUR
Above the area of one glass of 3m² - 6mm glass included in the price.

Lift and slide ALUPLAST and slide REHAU

Smart Slide A, white, 2-chamber glazing unit one sided handle + shell -type handle

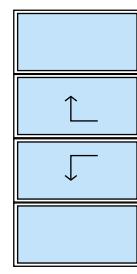


Width \ Height	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	
900	1505	1546	1588	1630	1671	1713	1755	1796	1838	1880	1921	1954	1996	2029	2063	2105	2147	2192	2225	2276	2306	2348	2380	2421	2463	2506	2547	
1000	1552	1593	1635	1677	1719	1761	1803	1845	1887	1929	1970	2005	2047	2081	2115	2157	2200	2244	2279	2330	2361	2403	2436	2478	2520	2563	2605	
1100	1599	1641	1683	1725	1767	1809	1851	1893	1936	1978	2020	2055	2097	2132	2168	2210	2253	2297	2332	2383	2417	2459	2493	2535	2577	2620	2662	
1200	1646	1688	1730	1773	1815	1857	1900	1942	1984	2027	2069	2105	2147	2183	2220	2262	2305	2350	2386	2437	2472	2514	2549	2592	2634	2677	2720	
1300	1693	1735	1778	1820	1863	1906	1948	1991	2033	2076	2118	2155	2198	2235	2272	2315	2358	2403	2440	2491	2527	2570	2606	2648	2691	2734	2777	
1400	1740	1782	1825	1868	1911	1954	1997	2039	2082	2125	2168	2206	2248	2286	2325	2367	2411	2456	2493	2545	2582	2625	2662	2705	2748	2791	2834	
1500	1787	1830	1873	1916	1959	2002	2045	2088	2131	2174	2217	2256	2299	2338	2377	2420	2464	2508	2547	2599	2637	2680	2719	2762	2805	2849	2882	
1600						2007	2050	2093	2137	2180	2223	2266	2306	2349	2389	2429	2473	2517	2561	2601	2653	2692	2736	2775	2819	2862	2906	2949
1700						2055	2098	2142	2185	2229	2272	2316	2356	2400	2440	2482	2525	2569	2614	2655	2707	2747	2791	2832	2875	2919	2963	3007
1800						2103	2146	2190	2234	2277	2321	2365	2407	2450	2492	2534	2578	2622	2667	2708	2761	2802	2846	2888	2932	2976	3020	3064
1900						2150	2194	2238	2282	2326	2370	2414	2457	2501	2543	2586	2630	2675	2720	2762	2815	2857	2902	2945	2989	3033	3077	3121
2000						2198	2243	2287	2331	2375	2419	2463	2507	2551	2595	2639	2683	2728	2772	2816	2869	2913	2957	3001	3046	3090	3134	3179
2100						2246	2291	2335	2380	2424	2468	2513	2557	2602	2646	2691	2735	2780	2825	2870	2923	2968	3012	3058	3102	3147	3192	3236
2200						2294	2339	2383	2428	2473	2517	2562	2607	2652	2697	2743	2788	2833	2878	2923	2977	3023	3068	3114	3159	3204	3249	3294
2300						2338	2384	2429	2475	2520	2566	2612	2657	2703	2749	2795	2841	2886	2932	2977	3032	3078	3124	3170	3670	3715	3760	3805
2400						2394	2444	2494	2544	2595	2645	2695	2745	2796	2846	2897	2947	2998	3048	3098	3157	3208	3274	3341	3408	3475	3542	

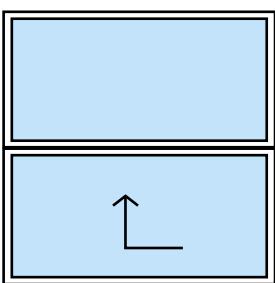
Smart Slide ALUPLAST and Slide REHAU - white
the maximum dimensions are 4000x2400

Smart Slide ALUPLAST and Slide REHAU - color
the maximum dimensions are 3800x2300

Net prices in EUR
Above the area of one glass of 3m² - 6mm glass included in the price.



**ATTENTION! Scheme C -
the price of the structure times 2
available only for Smart Slide ALUPLAST**



Lift and Slide

Smart Slide ALUPLAST and Slide REHAU

Scheme A, one-sided color, 2-chamber glazing unit
one sided handle + shell -type handle

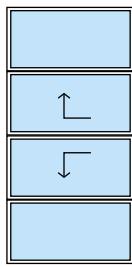


Width Height	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800
900	1683	1729	1776	1822	1868	1915	1961	2008	2054	2100	2147	2185	2232	2270	2309	2355	2402	2449	2487	2544	2577	2623	2662	2709	2756	2803	2849
1000	1735	1782	1829	1875	1922	1969	2015	2062	2108	2155	2202	2241	2288	2327	2367	2413	2461	2507	2547	2603	2638	2685	2725	2772	2819	2866	2913
1100	1788	1835	1881	1928	1975	2022	2069	2116	2163	2210	2257	2297	2344	2384	2424	2471	2519	2566	2606	2663	2699	2746	2787	2834	2881	2929	2976
1200	1840	1887	1934	1982	2029	2076	2123	2170	2217	2264	2312	2353	2400	2441	2482	2530	2577	2625	2666	2723	2760	2807	2849	2897	2944	2992	3039
1300	1893	1940	1987	2035	2082	2130	2177	2224	2272	2319	2367	2408	2456	2498	2540	2588	2636	2683	2725	2783	2821	2869	2912	2959	3007	3055	3102
1400	1945	1993	2040	2088	2136	2183	2231	2279	2326	2374	2421	2464	2512	2555	2598	2646	2694	2742	2785	2843	2882	2930	2974	3022	3070	3118	3166
1500	1998	2046	2093	2141	2189	2237	2285	2333	2380	2428	2476	2520	2568	2612	2656	2704	2753	2800	2844	2902	2943	2992	3036	3084	3133	3181	3229
1600					2243	2291	2339	2387	2435	2483	2531	2576	2624	2669	2714	2762	2811	2859	2904	2962	3005	3053	3099	3147	3195	3244	3292
1700					2296	2344	2393	2441	2489	2538	2586	2632	2680	2726	2772	2820	2869	2918	2963	3022	3066	3114	3161	3210	3258	3307	3355
1800					2350	2398	2447	2495	2544	2592	2641	2687	2736	2783	2830	2878	2928	2976	3023	3082	3127	3176	3223	3272	3321	3370	3419
1900					2403	2452	2500	2549	2598	2647	2696	2743	2792	2840	2888	2937	2986	3035	3082	3141	3188	3237	3286	3335	3384	3433	3482
2000					2456	2505	2554	2603	2653	2702	2751	2799	2848	2897	2946	2995	3044	3093	3142	3201	3249	3299	3348	3397	3447	3496	3545
2100					2510	2559	2608	2658	2707	2756	2806	2855	2904	2953	3003	3053	3103	3152	3201	3261	3310	3360	3410	3460	3509	3559	3608
2200					2563	2613	2662	2712	2761	2811	2860	2911	2960	3010	3061	3111	3161	3211	3261	3321	3372	3421	3473	3522	3572	3622	3672
2300					2611	2662	2713	2763	2814	2865	2916	2966	3017	3068	3119	3169	3220	3270	3321	3382	3432	3483	3535	4040	4089	4139	4188

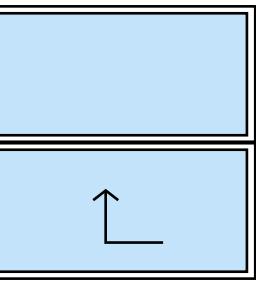
Smart Slide ALUPLAST and Slide REHAU - white
the maximum dimensions are 4000x2400

Smart Slide ALUPLAST and Slide REHAU - color
the maximum dimensions are 3800x2300

Net prices in EUR
Above the area of one glass of 3m² - 6mm glass included in the price.



ATTENTION! Scheme C - the price of the structure times 2 available only for Smart Slide ALUPLAST



Lift and slide Smart Slide ALUPLAST and slide REHAU

Scheme A, double-sided color, 2-chamber glazing unit
one sided handle + shell -type handle

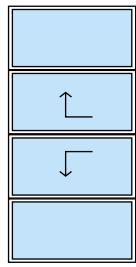


	Width	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	
Height																													
900	1876	1928	1980	2031	2083	2135	2187	2239	2291	2343	2395	2438	2487	2530	2572	2626	2676	2731	2768	2831	2870	2924	2966	3018	3070	3122	3174		
1000	1934	1986	2038	2090	2143	2195	2247	2299	2351	2403	2455	2500	2549	2593	2636	2690	2741	2795	2834	2898	2937	2992	3035	3087	3140	3192	3244		
1100	1993	2045	2097	2150	2202	2254	2307	2359	2411	2464	2516	2561	2611	2657	2700	2755	2805	2860	2900	2964	3005	3060	3104	3157	3209	3261	3314		
1200	2051	2103	2156	2209	2261	2314	2367	2419	2472	2524	2577	2623	2673	2720	2764	2819	2870	2925	2967	3030	3073	3127	3173	3226	3278	3331	3384		
1300	2109	2162	2215	2268	2320	2373	2426	2479	2532	2585	2637	2685	2735	2783	2828	2883	2935	2989	3033	3097	3140	3195	3242	3295	3348	3400	3453		
1400	2168	2221	2274	2327	2380	2433	2486	2539	2592	2645	2698	2746	2797	2846	2893	2947	2999	3054	3099	3163	3208	3263	3310	3364	3417	3470	3523		
1500	2226	2279	2333	2386	2439	2493	2546	2599	2652	2706	2759	2808	2860	2909	2957	3011	3064	3119	3165	3229	3276	3330	3379	3433	3486	3540	3593		
1600					2499	2552	2606	2659	2713	2766	2820	2870	2922	2972	3021	3076	3129	3183	3231	3295	3343	3398	3448	3502	3556	3609	3663		
1700					2558	2612	2665	2719	2773	2827	2880	2931	2984	3035	3085	3140	3193	3248	3297	3352	3411	3466	3517	3571	3625	3679	3733		
1800					2617	2671	2725	2779	2833	2887	2941	2993	3046	3098	3149	3204	3258	3313	3363	3428	3479	3533	3594	3640	3694	3748	3803		
1900					2677	2731	2785	2839	2893	2947	3002	3054	3108	3161	3213	3268	3323	3377	3429	3494	3546	3601	3655	3709	3763	3818	3872		
2000					2736	2790	2845	2899	2953	3008	3062	3116	3170	3224	3278	3332	3387	3442	3495	3550	3614	3669	3723	3778	3833	3887	3942		
2100						2795	2850	2904	2959	3014	3068	3123	3178	3232	3287	3342	3397	3452	3507	3561	3627	3682	3737	3792	3847	3902	3957	4012	
2200						2854	2909	2964	3019	3074	3129	3184	3239	3294	3350	3406	3461	3517	3571	3627	3693	3749	3804	3861	3916	3971	4027	4082	
2300							2910	2966	3021	3077	3133	3189	3245	3300	3357	3413	3470	3526	3581	3637	3693	3760	3817	3873	3930	4440	4495	4550	4606

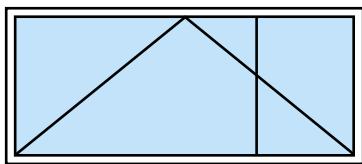
Smart Slide ALUPLAST and Slide REHAU - white
the maximum dimensions are 4000x2400

Smart Slide ALUPLAST and Slide REHAU - color
the maximum dimensions are 3800x2300

Net prices in EUR
Above the area of one glass of 3m² - 6mm glass included in the price.



ATTENTION! Scheme C -
the price of the structure times 2
available only for Smart Slide ALUPLAST



**Single-sash front door with crossbar
1 lock, handle**

Glazing: 4/16A/4TPS

Width	800-900	901-1000	1001-1100	1101-1200	1201-1250
Height	885	906	927	947	967
1800-1900	899	920	940	962	1002
1901-2000	911	933	955	976	1031
2001-2100	924	947	969	991	1013
2101-2200	937	961	983	1005	1027
2201-2300	951	974	997	1021	1045
2301-2400					

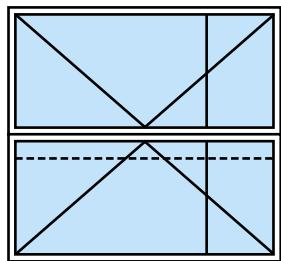
Surcharges:	UoM	SURCHARGE	INOX handrails	UoM	SURCHARGE	INOX Handles and Accessories	UoM	SURCHARGE
Handrail	pcs.	52	Single-sided handrail INOX 500 mm	pcs.	53	Single-sided handle with escutcheon	pcs.	15
Additional lock	pcs.	24	Single-sided handrail INOX 600 mm	pcs.	60	Double-sided handle with escutcheon	pcs.	28
Class C insert	pcs.	47	Single-sided handrail INOX 1,000 mm	pcs.	80	Mounting kit	pcs.	16
Door closer	pcs.	70	Single-sided handrail INOX 1,200 mm	pcs.	84	Set of escutcheons	pcs.	5
Door closer with STOPPER	pcs.	105	Double-sided handrail INOX 500 mm	pcs.	68			
Electric door strike	pcs.	70	Double-sided handrail INOX 600 mm	pcs.	77			
Aluminium door awning (recommended for doors opening inwards)	r.m.	28	Double-sided handrail INOX 1,000 mm	pcs.	109			
			Double-sided handrail INOX 1,200 mm	pcs.	116			

The surcharges are subject to a discount

Net prices in EUR
The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



**Double-sash front door with crossbar
1 Lock, handle, aluminium low threshold
Glazing: 4/16A/4TPS**



Width	1100-1200	1201-1300	1301-1400	1401-1500	1501-1600	1601-1700	1701-1800	1801-1900	1901-2000	2001-2100	2101-2200	2201-2300	2301-2400	2401-2500
Height														
1800-1900	1212	1230	1248	1266	1284	1301	1319	1337	1355	1373	1390	1408	1427	1465
1901-2000	1256	1275	1293	1313	1331	1350	1368	1387	1419	1438	1444	1447	1452	1461
2001-2100	1289	1307	1328	1346	1366	1385	1404	1438	1457	1462	1467	1471	1476	1484
2101-2200	1322	1341	1361	1381	1401	1420	1441	1461	1481	1487	1491	1496	1501	1510
2201-2300	1354	1375	1396	1416	1437	1457	1478	1498	1505	1511	1516	1521	1525	1532
2301-2400	1375	1395	1417	1438	1459	1479	1501	1522	1528	1535	1540	1545	1550	1559

Surcharges:	UoM	SURCHARGE	INOX handrails	UoM	SURCHARGE	INOX Handles and Accessories	UoM	SURCHARGE
Handrail	pcs.	52	Single-sided handrail INOX 500 mm	pcs.	53	Single-sided handle with escutcheon	pcs.	15
Additional lock	pcs.	24	Single-sided handrail INOX 600 mm	pcs.	60	Double-sided handle with escutcheon	pcs.	28
Class C insert	pcs.	47	Single-sided handrail INOX 1,000 mm	pcs.	80	Mounting kit	pcs.	16
Door closer	pcs.	70	Single-sided handrail INOX 1,200 mm	pcs.	84	Set of escutcheons	pcs.	5
Door closer with STOPPER	pcs.	105	Double-sided handrail INOX 500 mm	pcs.	68			
Electric door strike	pcs.	70	Double-sided handrail INOX 600 mm	pcs.	77			
Aluminium door awning (recommended for doors opening inwards)	r.m.	28	Double-sided handrail INOX 1,000 mm	pcs.	109			
			Double-sided handrail INOX 1,200 mm	pcs.	116			

The surcharges are subject to a discount

Net prices in EUR

The values quoted apply to windows with 4/16A/4TPS glazing units. In the case of glazing units larger than 3.35 m², reinforced glass must be used according to the surcharge price list.



PRICE LIST FOR ROOF WINDOWS





ROOF WINDOWS

WOODEN WINDOWS



PVC WINDOWS



Roof windows are available in different options. Both wood products (in natural pine and white) and PVC products (in white) can be used. You can choose from 30 dimensions ranging from 550 x 780 mm to 1,340 x 600 mm.

This allows the optimal solution to be selected even for the most complex projects. In addition, we have also introduced windows with 3-gazing units. The table below includes prices for all windows and flanges:

Dimension	550/780	550/980	660/1180	780/980	780/1180	780/1400	940/1600	1140/1800	1340/1980	1340/1400
Wooden window made of Pine, 2-pane	€ 220,09	€ 238,29	€ 280,07	€ 269,20	€ 295,77	€ 319,45	€ 373,47	€ 347,76	€ 354,11	€ 425,75
Window made in White, 2-pane	€ 243,78	€ 261,11	€ 301,26	€ 294,90	€ 320,61	€ 343,14	€ 394,26	€ 372,02	€ 375,49	€ 445,96
Wooden window made of Pine, 3-pane	€ 233,96	€ 259,09	€ 312,23	€ 304,15	€ 335,34	€ 369,71	€ 450,30	€ 417,95	€ 422,57	€ 535,22
Wooden window, made in White, 3-pane	€ 256,49	€ 282,48	€ 332,45	€ 326,67	€ 357,58	€ 392,53	€ 476,00	€ 444,52	€ 443,37	€ 558,03
PVC window, white, 2-pane	€ 298,98	€ 337,44	€ 432,92	€ 390,36	€ 461,02	€ 524,30	-	€ 578,86	€ 595,50	€ 710,62
PVC window, white, 3-pane	€ 318,07	€ 362,27	€ 485,57	€ 426,92	€ 523,76	€ 592,77	-	€ 666,15	€ 677,61	€ 827,37
Flat flange	€ 54,01	€ 57,19	€ 68,45	€ 63,54	€ 68,45	€ 73,08	€ 88,96	€ 85,78	€ 84,34	€ 95,22
Corrugated flange up to 45 mm	€ 66,72	€ 69,90	€ 77,99	€ 77,99	€ 81,16	€ 84,34	€ 95,32	€ 97,05	€ 103,40	€ 109,76
Corrugated flange up to 90 mm	€ 76,25	€ 79,43	€ 87,52	€ 88,96	€ 92,14	€ 95,32	€ 109,76	€ 111,20	€ 119,29	€ 125,64
Scale flange	€ 69,90	€ 73,08	€ 81,16	€ 79,43	€ 82,61	€ 85,78	€ 98,49	€ 95,32	€ 108,03	
Flange for seam sheets	€ 76,25	€ 79,43	€ 87,52	€ 88,96	€ 92,14	€ 95,32	€ 109,76	€ 111,20	€ 119,29	€ 125,64

SURCHARGE PRICE LIST FOR ACCESSORIES

ACCESSORY PRICES

ACCESSORY	UoM	SURCHARGE
1.5 mm closed steel or bottom notch filler	%	3
2 mm closed steel	%	7
Lowered handle	EUR/set	8
Handle relocation	EUR/set	16
Crossbar/mullion	EUR/r.m.	13
Grey seal	%	2
Window sill profile	EUR/r.m.	2
Anti-theft hardware RC1/ for U, R, RU sashes / set. Handle with key	EUR/set	15
Anti-theft hardware RC2/ for RU sash / set. Handle with key	EUR/set	29
Anti-theft hardware RC2/ for U, R sash / set. Handle with key	EUR/set	31
Change from U to R up to 900 mm width	EUR/set	10
Change from U to R over 900 mm width	EUR/set	12
Change from U to RU up to 900 mm width	EUR/set	12
Change from U to RU over 900 mm width	EUR/set	19
Change from R to RU up to 1,800 mm height	EUR/set	8
Change from R to RU over 1,800 mm height	EUR/set	19
Handle stopper	EUR/set	49
90° handle stopper	EUR/set	10
Balcony latch with catch	EUR/set	7
Incorrect tilt lock	EUR/set	2
Double-sided handle with lock for single-sash windows / straight – not-flush sash*	EUR/set	85
Double-sided window handle with lock for double-sashed windows with motion detector Straight – not-flush sash*	EUR/set	118
Intermediate sash	EUR/pcs.	47
Gradual tilt	EUR/set	4



ACCESSORY	UoM	SURCHARGE
Frame-mounted fanlight opener (window width up to 1,200 mm)	EUR/set	91
Frame-mounted fanlight opener (window width over 1,200 mm)	EUR/set	163
Wall-mounted fanlight opener (window width up to 1,200 mm)	EUR/set	223
Wall-mounted fanlight opener (window width over 1,200 mm)	EUR/set	267
Hidden hinges	EUR/sash	37
Mounting anchor – all systems	EUR/500 pcs.	84
Handrail	EUR/set	52
Additional lock for external door	EUR/set	24
Class C insert	EUR/set	47
Door closer	EUR/set	71
Doorknob	EUR/set	79
Electric strike for MACO automatic door espagnolettes	EUR/set	70
Butterfly insert	EUR/set	33
Scissor stay	EUR/set	15
Comb retainer	EUR/set	6
Additional door hinge	EUR/pcs	23
Bottom notch filling (separate)	EUR/r.m.	1
Aluminium door drip	EUR/r.m.	28

Net prices in EUR The surcharges are subject to a discount.

* balcony windows with double-sided handle are not subject to warranty when used on the exterior



DIFFUSERS

ACCESSORY	UoM	SURCHARGE
Aereco EMM 707 humidistat air diffuser	EUR/set	63
AIRA HY humidistat automatic air diffuser with CE2A louver	EUR/set	42
VENTAIR II TRDn manually controlled pressure diffuser	EUR/set	33
VENT F2500 mechanically adjustable pressure louvre with air intake	EUR/set	17
Preparing the cutter	EUR/pcs	7

Net prices in EUR

The surcharges are subject to a discount.

Note! It is possible to purchase diffusers with other parameters. Individual pricing.

SURCHARGES FOR FILLINGS

NAME	Construction	UoM	SURCHARGE PER M ²
Thermal-edge frame TGI RAL 7035, 7040, 8003, 8016, 905, 9016	10mm - 18mm	EUR/m ²	7
PVC Panel, white	24mm	EUR/m ²	19
PVC panel, one-sided colour	24mm	EUR/m ²	93
PVC panel, double-sided colour	24mm	EUR/m ²	126
PVC Panel, white	38mm	EUR/m ²	40
PVC panel, one-sided colour	38mm	EUR/m ²	121
PVC panel, double-sided colour	38mm	EUR/m ²	153
PVC Panel, white	40mm	EUR/m ²	44
PVC panel, one-sided colour	40mm	EUR/m ²	126
PVC panel, double-sided colour	40mm	EUR/m ²	158
PVC Panel, white	48mm	EUR/m ²	53
PVC panel, one-sided colour	48mm	EUR/m ²	142
PVC panel, double-sided colour	48mm	EUR/m ²	174
Spross, white	8,18,26mm	EUR/field	8
Spross, white	45mm	EUR/field	10
Spross, glittering gold	8mm	EUR/field	8
Wooden muntin bar, standard one and two-sided colour	18,26mm	EUR/field	10
18mm, 26mm - painted in RAL color (one color on both sides), white/painted in RAL [field]	18,26mm	EUR/field	14
18mm, 26mm two-colored - both sides in a different RAL color [field]	18,26mm	EUR/field	19
Duplex / Viennese ALU	18,20,24,30mm	EUR/field	10
Duplex / Viennese ALU	40mm	EUR/field	15
Duplex / Viennese ALU, RAL-coloured	18,20,24,30mm	EUR/field	21
Duplex / Viennese ALU, RAL-coloured	40mm	EUR/field	35

*Antracite sprosses are not available in veneer, only lacquered.

Net prices in EUR

*Prices for panels are based on a surface area of 0.4 m². Surcharges are subject to discount.

The size of a single muntin area should not exceed 0.7 m x 0.7 m. The warranty does not apply if the muntin bars exceed the above-mentioned area. Other types of glazing are subject to individual pricing. The warm-edge frame is doubled in a two-chamber unit.

SURCHARGES FOR HANDLES

HANDLES		UoM	Colour	SURCHARGE
	PVC	EUR/pcs	White	1
		EUR/pcs	Brown	1
	METAL	EUR/pcs	White	2
		EUR/pcs	Brown	2
		EUR/pcs	Silver	3
		EUR/pcs	Anthracite	3
		EUR/pcs	Old Gold	3
		EUR/pcs	Black	6
	COVERS FOR HINGES (set per sash)	EUR/pcs	White	3
		EUR/pcs	Brown	3
		EUR/pcs	Silver	5
		EUR/pcs	Old Gold	3
		EUR/pcs	Anthracite	7
		EUR/pcs	Black	7
	HOPPE SECUSTIK	EUR/pcs	White	7
		EUR/pcs	Brown	7
		EUR/pcs	F1 Silver	7
		EUR/pcs	F4 Old gold	8
		EUR/pcs	F9 Titanium	8
	WITH PUSH BUTTON	EUR/pcs	White	7
		EUR/pcs	Brown	7
		EUR/pcs	Silver	10
		EUR/pcs	Anthracite	10
		EUR/pcs	Old gold	10
	WITH A KEY	EUR/pcs	White	7
		EUR/pcs	Brown	7
		EUR/pcs	Silver	10
		EUR/pcs	Anthracite	10
		EUR/pcs	Old Gold	10
	LINEA DESIGN HANDLES WITH REHAU LOGO	EUR/pcs	White	10
		EUR/pcs	Brown	10
		EUR/pcs	Silver	12
		EUR/pcs	Anthracite	14
		EUR/pcs	Old gold	13
		EUR/pcs	Scratched steel	14
	HOPPE SECU FORTE	EUR/pcs	Matte black	13
		EUR/pcs	F9016 White	13
		EUR/pcs	F1 Silver	13
		EUR/pcs	F9 Steel	13
		EUR/pcs	F4 Old Gold	13
		EUR/pcs	Brown	13
	DUBLIN	EUR/pcs	Matte black	13
		EUR/pcs	White	5
		EUR/pcs	Brown	5
		EUR/pcs	Silver	6
		EUR/pcs	Anthracite	6
		EUR/pcs	Old Gold (sandblasted)	12
		EUR/pcs	Black	6

Net prices in EUR

Discounts apply.

SURCHARGES FOR GLASS

NAME	CONSTRUCTION	THICKNESS	PRICE EUR/M ²
Standard glass	4/16Ar/4 Ug=1,1 [W/m ² K]	24mm	39
NAME	CONSTRUCTION	THICKNESS	PRICE SUR-CHARGE EUR/M ²
Two- chamber glass	4T1.1/14Ar/4/12Ar/4T1.1 Ug=0,7 [W/m ² K] 4T1.1/14Ar/4/14Ar/4T1.1 Ug = 0,6 [W/m ² K] 4T1.1/18Ar/4/18Ar/4T1.1 Ug=0,5 [W/m ² K]	38mm 40mm 48mm	44 44 44
Glass unit with 6mm glass	6T1.1/10Ar/6/10Ar/6T1.1 Ug=0,8 [W/m ² K] 6T1.1/12Ar/6/10ar/6T1.1 Ug = 0,8 [W/m ² K] 6T1.1/16Ar/6/14Ar/6T1.1 Ug=0,6 [W/m ² K]	38mm 40mm 48mm	89 89 89
Outside safety glass	33.1/14Ar/4T1.1	24mm	62
Double - sided safety glass	33.1/12Ar/33.1T1.1	24mm	87
Outside glass p2	44.2/12Ar/4T 1.1	24mm	89
Outside glass p4	44.4/10Ar/4T1.1	24mm	98
Glass unit with two 6mm glass	6/12Ar/6T1.1	24mm	76
Chinchilla ornament	4Chin/16Ar/4T1.1	24mm	70
Milky / mat glass	4Mat/16Ar/4T1.1	24mm	66
Reflex brown	4RB/16Ar/4T1.1	24mm	79

Net prices in EUR

Discounts apply.

Prices apply to rectangular panes with a surface area between 0.4 m² and 4.5 m² and a weight of less than 150 kg.

A surcharge of 50% will be added to the prices for dimensions exceeding the above-mentioned range.

ACTIVE, ACTIVE PLUS THERM ACCESSORIES

ACTIVE, ACTIVE PLUS THERM	UoM	ACTIVE	ACTIVE PLUS THERM
20 mm extension	EUR/r.m.	13	-
30 mm extension	EUR/r.m.	14	16
50 mm extension	EUR/r.m.	15	17
Frame joint	EUR/r.m.	9	-
H connector	EUR/r.m.	9	9
90° angle connector	EUR/r.m.	44	63
Static joint	EUR/r.m.	70	65
Pipe joint	EUR/r.m.	88	81
Aluminium threshold	EUR/r.m.	67	67
Screwing on extensions	EUR/r.m.	8	8
Steel for 50 mm extensions	EUR/pcs.	9	9

Net prices in EUR

The surcharges are subject to a discount.

REHAU ACCESSORIES

REHAU WHITE

REHAU	UoM	REHAU
20 mm extension	EUR/r.m.	12
100 mm extension	EUR/r.m.	27
H1 joint	EUR/r.m.	7
Feather connector	EUR/r.m.	8
90° angle connector	EUR/r.m.	86
Static joint	EUR/r.m.	60
Pipe joint	EUR/r.m.	105
Aluminium threshold	EUR/r.m.	63
Screwing on extensions	EUR/pcs	8
Steel for 100 mm extensions	EUR/r.m.	12

REHAU EXTERIOR COLOUR

REHAU	UoM	REHAU
20 mm extension	EUR/r.m.	16
100 mm extension	EUR/r.m.	35
H1 joint	EUR/r.m.	7
Feather connector	EUR/r.m.	8
90° angle connector	EUR/r.m.	140
Static joint	EUR/r.m.	70
Pipe joint	EUR/r.m.	174
Aluminium threshold	EUR/r.m.	63
Screwing on extensions	EUR/pcs	8
Steel for 100 mm extensions	EUR/r.m.	12

REHAU DOUBLE-SIDED COLOUR

REHAU	UoM	REHAU
20 mm extension	EUR/r.m.	19
100 mm extension	EUR/r.m.	42
H1 joint	EUR/r.m.	7
Feather connector	EUR/r.m.	8
90° angle connector	EUR/r.m.	163
Static joint	EUR/r.m.	74
Pipe joint	EUR/r.m.	233
Aluminium threshold	EUR/r.m.	63
Screwing on extensions	EUR/pcs	8
Steel for 100 mm extensions	EUR/r.m.	12

Net prices in EUR

The surcharges are subject to a discount.

ALUPLAST ACCESSORIES

ALUPLAST	UoM	ID4000	ID7000, INTERTEC85, ID8000
15 mm extension	EUR/r.m.	9	12
35 mm extension	EUR/r.m.	17	17
60mm extension	EUR/r.m.	21	24
100 mm extension	EUR/r.m.	28	28
Frame joint	EUR/r.m.	14	15
90° angle connector	EUR/r.m.	58	58
Static joint	EUR/r.m.	65	81
Pipe joint	EUR/r.m.	135	133
Aluminium threshold	EUR/r.m.	67	67
Screwing on extensions	EUR/pcs	8	8
Steel for the extensions 60mm	EUR/r.m.	12	12
Steel for the extensions 100mm	EUR/r.m.	20	20

Net prices in EUR

The surcharges are subject to a discount.

COLOUR SURCHARGES

STANDARD COLOURS FOR ACTIVE, ACTIVE PLUS THERM SYSTEMS (GOLDEN OAK, DARK OAK, WALNUT, MAHOGANY, ANTHRACITE, CHOCOLATE BROWN, LIGHT GREY, WINCHESTER, SMOKED OAK, BLACK BROWN, SMOOTH ANTHRACITE)	SURCHARGE
exterior	20%
interior	30%
double-sided	36%
STANDARD COLOURS FOR REHAU SYNEGO MD (SMOOTH ANTHRACITE, ANTHRACITE, WINCHESTER XA, PALISANDER, GOLDEN OAK, WALNUT, MAHOGANY, DARK OAK 2, ALUX DB 703 (ONLY AS A SINGLE-SIDED COLOR))	SURCHARGE
exterior	16%
interior	27%
double-sided	31%

Other colour prices available upon request. The minimum order quantity for windows in colour groups II and III is 15 pieces.

STANDARD COLOURS FOR THE ALUPLAST SYSTEM: golden oak, walnut, anthracite, anthracite sand structure	SURCHARGE
STANDARD COLOURS WITH A LONGER LEAD TIME OF 4 WEEKS: mahogany, dark oak, grey, palisander, khaki oak (equivalent to winchester)	
exterior	20%
interior	30%
double-sided	36%

Other colour prices available upon request. The minimum order quantity for windows in colour groups II and III is 10 pieces.

Net prices in EUR

The surcharges are subject to a discount.



RESTRICTIONS

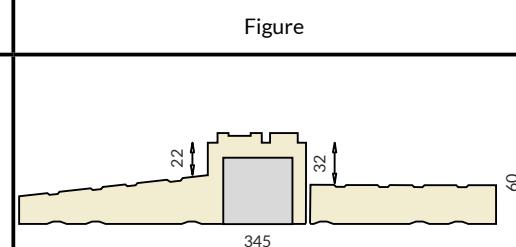
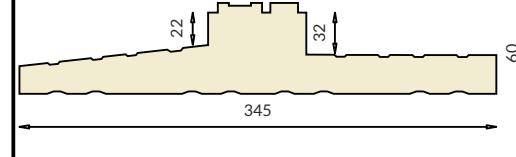
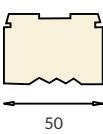
NAME	Window dimensions
Minimum RU window dimensions	width 545 mm x height 415 mm width 435 mm x height 505 mm
Minimum FIX window dimensions	width 210 mm x height 400 mm
Minimum U or R window dimensions	width 400 mm x height 400 mm
Additional hinge for tilt window	from width 1,200 mm
Additional tilting scissors	from width 1,500 mm

HANDLE PLACEMENT HEIGHT IN RELATION TO WINDOW HEIGHT

HANDLE HEIGHT*	APPLICATION RANGE (SASH HEIGHT)
145	315 - 470
210	471 - 700
320	701-880
420	881-1130
520	1131-1380
620	1381 - 1630
720	1631 - 1740
1070	1741 - 1990
1070	1991 - 2240
1070	2241 - 2490

All information contained in the catalogue does not constitute an offer within the meaning of the Civil Code and is published for information purposes without any liability. The drawings in the catalogue are for illustrative purposes only. Non-standard orders increase the lead time and are subject to individual pricing.

WARM SILLS

PRODUCT NAME	Figure	WORKING HEIGHT	NET PRICE PER UNIT
MonoCore warm sill hardness above 300 hPa		60 mm	€ 18
Double-sided warm sill hardness 300 hPa		60 mm	€ 13
Economy skirting board hardness 300 hPa		30 mm 60mm	€ 6 € 7
Beam under window hardness 300 hPa		60 mm 80 mm 100 mm 120 mm 140 mm 160 mm 180 mm 200 mm 220 mm 240 mm 260 mm 280 mm 300 mm	€ 9 € 10 € 11 € 12 € 12 € 13 € 13 € 13 € 14 € 14 € 15 € 15 € 16

Hardness 500 hPa is 20% more expensive

Prices before discounts. The level of the discount to be agreed individually with the account manager.

Prices are quoted for warm sills with a fixed length of 1,250 mm

MonoCore warm sill - 1200 mm

WARM SILLS

MonoTHERM HS/HST 130/150		120 CM	MONOTHERM HS/HST 170		120 CM
Working	Price catalogue 100 cm	Price per unit	Working	Price catalogue 100 cm	Price per unit
30	€ 36	€ 43	30	€ 39	€ 47
40	€ 36	€ 43	40	€ 39	€ 47
50	€ 36	€ 43	50	€ 39	€ 47
60	€ 40	€ 49	60	€ 43	€ 51
70	€ 44	€ 53	70	€ 47	€ 56
80	€ 46	€ 56	80	€ 49	€ 59
90	€ 49	€ 59	90	€ 53	€ 63
100	€ 54	€ 65	100	€ 57	€ 68
110	€ 58	€ 69	110	€ 61	€ 74
120	€ 61	€ 74	120	€ 65	€ 78
130	€ 65	€ 78	130	€ 69	€ 82
140	€ 68	€ 82	140	€ 72	€ 87
150	€ 72	€ 86	150	€ 75	€ 90
160	€ 75	€ 90	160	€ 79	€ 95
170	€ 79	€ 95	170	€ 82	€ 99
180	€ 82	€ 99	180	€ 86	€ 103
190	€ 86	€ 103	190	€ 90	€ 107
200	€ 90	€ 107	200	€ 93	€ 112
210	€ 93	€ 112	210	€ 96	€ 116
220	€ 97	€ 116	220	€ 100	€ 120
230	€ 100	€ 120	230	€ 103	€ 124
240	€ 103	€ 124	240	€ 107	€ 128
250	€ 106	€ 128	250	€ 110	€ 133

MonoTHERM 60		120 CM	MONOTHERM 70		120 CM
Working	Price catalogue 100 cm	Price per unit	Working	Price catalogue 100 cm	Price per unit
30	€ 10	€ 12	30	€ 11	€ 14
40	€ 11	€ 13	40	€ 13	€ 15
50	€ 13	€ 16	50	€ 14	€ 17
60	€ 15	€ 18	60	€ 17	€ 20
70	€ 17	€ 21	70	€ 19	€ 23
80	€ 18	€ 21	80	€ 21	€ 25
90	€ 19	€ 23	90	€ 21	€ 26
100	€ 21	€ 25	100	€ 24	€ 28
110	€ 23	€ 27	110	€ 26	€ 31
120	€ 25	€ 30	120	€ 28	€ 33
130	€ 27	€ 32	130	€ 30	€ 36
140	€ 29	€ 35	140	€ 32	€ 36
150	€ 30	€ 37	150	€ 35	€ 42

Net prices in EUR

The surcharges are subject to a discount.

WARM SILLS

MonoTHERM 50, 60		120 CM	MONOTHERM 70		120 CM
Working	Price catalogue 100 cm	Price per unit	Working	Price catalogue 100 cm	Price per unit
160	€ 33	€ 39	160	€ 38	€ 45
170	€ 34	€ 41	170	€ 39	€ 47
180	€ 37	€ 44	180	€ 42	€ 51
190	€ 39	€ 47	190	€ 44	€ 52
200	€ 41	€ 50	200	€ 47	€ 56
210	€ 42	€ 51	210	€ 49	€ 59
220	€ 45	€ 54	220	€ 51	€ 62
230	€ 47	€ 56	230	€ 53	€ 64
240	€ 50	€ 60	240	€ 57	€ 69
250	€ 52	€ 62	250	€ 60	€ 72

MONOTHERM LIGHT		120 CM
Working	Price catalogue 100 cm	Price per unit
35	€ 8	€ 10
40	€ 10	€ 12
45	€ 11	€ 13
50	€ 13	€ 15
55	€ 14	€ 17
60	€ 15	€ 18

Net prices in EUR

The surcharges are subject to a discount.

MOSQUITO NETS

NAME	u.m.	Price
White window mosquito nets	EUR/m2	18
Color window mosquito nets	EUR/m2	18
Color door mosquito nets	EUR/pcs.	100
Color door mosquito nets	EUR/pcs.	116
Surcharge for the crossbar	EUR/pcs.	7

Net prices in EUR

The surcharges are subject to a discount.

Attention!

* The minimum area of the mosquito net is calculated from 0.6 m²



THERMAL INSTALLATION TAPES

Even the best quality windows lose their value if not installed correctly!!!

The critical point is where the window meets the wall. Inadequate insulation at this point results in significant heat loss from the interior of the building, as well as moisture penetration into the insulation material. This is why so-called THERMAL INSTALLATION is essential. Thermal installation means that the gap between the window and the wall is properly sealed. Thermal window installation, otherwise known as layered window installation, involves the use of three layers:

- the first layer, the middle one, is thermal insulation and soundproofing, i.e. assembly foam
- the second layer, the inner one, is a vapour barrier tape, which protects the assembly foam against penetration of moisture from inside the building.
- the third layer, the outer one, is a VAPOUR-PERMEABLE TAPE, which protects against the penetration of moisture into the interior, while at the same time allowing it to escape outside the building.

Using layered thermal window installation ensures thermal comfort and prevents dampness of insulating and construction materials, which often causes mould.

We sell 70 mm and 90 mm wide tapes:

Vapour-permeable tape	53 EUR/50 r.m.	53 EUR/roll 50 r.m.
Vapour-proof tape	53 EUR/50 r.m.	53 EUR/roll 50 r.m.

Vapour-permeable tape	57 EUR/50 r.m.	57 EUR/roll 50 r.m.
Vapour-permeable tape	57 EUR/50 r.m.	57 EUR/roll 50 r.m.

Net prices in EUR

Prices are not subject to discounts.

ORDER FOR PRINTOUT

DATE:

ORDER: _____

customer number / order number

NUMBER OF WINDOWS	INVOICE DETAILS (NAME, NIP, ADDRESS)							ORDER VALUE		
PROFILE	DELIVERY ADDRESS + PHONE									
COLOUR	GLAZING	CONSTRUCTION OF THE GLAZING	FRAME	WELD	HARDWARE	SEALING	HANDLES			STRETCH
	2 PANES 3 PANES		REGULAR WARM	REGULAR V-PERFECT	ECO TOP	GREY BLACK	YES / NO			YES / NO
FIGURE			DIMENSION (WIDTH/ HEIGHT)	FIGURE				DIMENSION (WIDTH/ HEIGHT)		
1>				6>						
2>				7>						
3>				8>						
4>				9>						
5>				10>						

CLEANING, USE AND MAINTENANCE

CLEANING WINDOW FRAMES:

Light soiling on the surface of the product's frames should be removed with water and mild detergents or washing agents. In case of heavy soiling, the use of mild abrasive and polishing agents is permitted. Under no circumstances may scratching cleaners, scouring powders, wire brushes, chemical cleaners that have an aggressive effect on the surface of the window frames be used.

WINDOW FRAME MAINTENANCE:

The surface of the window frames is maintenance-free. Do not paint the windows with any type of paint or varnish or apply any other additional protective coatings. Avoid contact of the window frame surface with hot objects (e.g. iron, heater, cooker etc.) and sharp objects such as screwdrivers, spatulas etc., which may cause damage (scratching).

MAINTENANCE OF SEALS

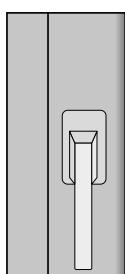
Flexible gaskets used in windows and balcony doors are made of EPDM – a non-ageing and weather-resistant material, which means that they require no maintenance and can be easily replaced in the event of damage.

CLEANING OF DOUBLE GLAZING UNITS

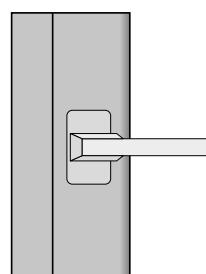
The windows are equipped with glazing units in the form of airtight single or double-chamber units. Glazing cleaning is limited to washing the two outer surfaces of the glazing units. Generally available glass cleaners can be used to clean double-glazed units. Do not use abrasive pastes or caustic chemicals. Do not scrape off contaminants with sharp tools. For heavily soiled windows, pre-soak with water and detergent and then wipe with a clean, soft cloth.

HANDLING AND OPERATION OF ENVELOPE FITTINGS

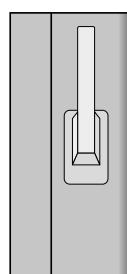
PVC windows and balcony doors are equipped with high-class MACO system envelope fittings. These fittings are characterised by ease and comfort of use, functional reliability and resistance to wear. The fitting mechanism is activated by moving the handle, and the sash is locked at several points along its circumference at the same time. The handle faces downwards when in the closed position. The way of operating the handle when using the tilt&turn fitting with layout is shown in the figure below:



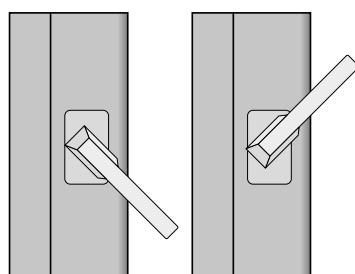
POSITION DOWN –
CLOSED



POSITION 90° –
OPEN



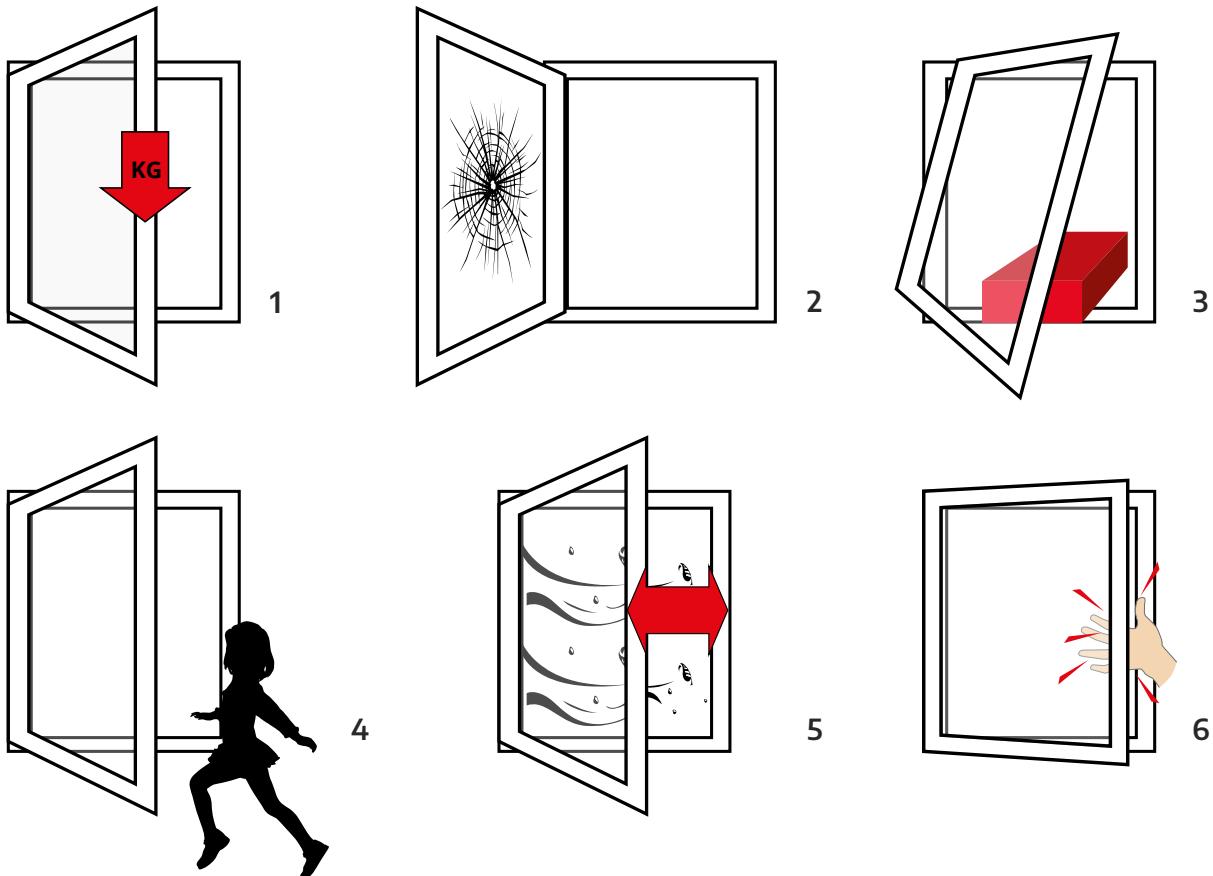
POSITION UP –
TILTED



POSITION 45°
MICROVENTILATION

The highest quality materials and precision of workmanship guarantee long-term reliable functioning and comfort of windows.

The basic rules of window use, respecting which ensures the efficiency and reliability of the products during their long term operation and full safety of use are shown in the figures below:



1. Do not place any additional load on the window!
2. Do not press the sash against the frame!
3. Do not insert any objects between the sash and the frame!
4. If children or intellectually disabled persons have access to the window, install devices to prevent unwanted opening (e.g. a window lock or a handle with a key).
5. Do not leave the sash open in high winds!
6. Do not put your hand between the sash and frame when closing the window!

A prerequisite for the efficiency and correct functioning of the hardware mechanism is the observance of the guidelines for their installation and adjustment, as well as for cleaning and maintenance. Maintenance consists in the periodic inspection of the hardware components and lubrication (once a year) of the moving parts of the hardware. The hardware components are to be inspected regularly for security of fit and degree of wear and tear. If necessary, tighten the fixing screws, and if the hardware is damaged, replace the faulty component. The annual lubrication of the essential hardware components on the sash and frame (in particular the moving parts and the component interaction points) will ensure smooth operation of the hardware and prevent premature wear and tear.

NOTE! For lubrication, use a resin- and acid-free grease or machine oil, e.g. WD-40. We recommend that maintenance and repair work, i.e. replacement of worn or damaged hardware components, adjustments, etc., is carried out by an expert, as incorrect or inappropriate adjustment of the hardware can lead to malfunctions.

GENERAL INSTALLATION INSTRUCTIONS

GENERAL CONDITIONS FOR TRANSPORT AND STORAGE OF PRODUCTS

PVC windows and balcony doors must be transported and stored according to the general rules. The products to be transported (stored) should be placed vertically in the built-in position, individually (on special stands) or in layers (in pole pallets). Storage areas should be dry and protect the products from precipitation. The load compartments of the means of transport should be clean and the surfaces of walls and floors should be free of sharp projections that could damage the products. Products should be placed on the means of transport in such a way that the planes of the sashes are parallel to the longitudinal axis of the vehicle. The products placed should be fastened to the means of transport (e.g. with safety straps) to ensure their stability and to protect them from displacement and damage during transport.

CONDITIONS AND RULES FOR INSTALLING (ASSEMBLING) THE PRODUCTS

The correct assembly (installation) of PVC windows and balcony doors in the window opening is an indispensable condition for their later proper functioning and also determines the fulfilment of all requirements related to thermal insulation, soundproofing and tightness against penetration of rainwater. Therefore, if you do not have the necessary experience and expertise, it is better to entrust the following work to a specialised installation team. Here are the basic rules, which are essential for the smooth and correct execution of the installation work:

1. Installation work should be carried out at temperatures above -5°C
2. Prior to installation:
 - Check the dimensions of the window openings and correct them if necessary, so that the space between the wall and the window (installation clearance) is 10 – 25 mm; according to the table below:

Window/casing dimension (width or height)	up to 1.5 m	up to 2.5 m	up to 3.5 m	up to 4.5 m
Slot width per side	10 mm	12 mm	15 mm	20 mm

NOTE! For coloured joinery, the joint width should be increased by min. 5 mm

- Disassemble the sashes (protect them from damage), which greatly facilitates accurate positioning of the frame in the window opening.
3. Use support blocks and mounting wedges to position and stabilise the frame in the window opening. Check the alignment of the frame in the opening: vertically, horizontally, measure the diagonals and the depth of the frame position from the inner and outer wall face:
 - The maximum deviation from vertical (level) of the frame placed in the window opening should not exceed 1 mm/1m,
 - The difference in length between the diagonals should not be greater than 3 mm.
 4. Windows shall be fixed in the opening in such a way that the fixings transmit to the structure of the building all foreseeable forces acting on the window, taking into account movements at the joints. Therefore, it is necessary to:
 - Position the window in the opening, ensuring the required aforementioned installation clearance;
 - Stabilise the correct position of the frame in the opening with blocks and assembly wedges;
 - Choose the right type and dimensions of fixing elements (e.g. anchors, expansion bolts, metal sleeves – "dowels", in case of hollow bricks use special screws e.g. spax etc.), bearing in mind that the depth of anchoring the fixing elements in the reveal (dowels, screws, dowels) should not be less than 60 mm; the mounting anchor should be fixed to the window through a specially prepared hole; screwed.
 - Determine the number and position of fixing points according to the type and size of loads acting on the window. The spacing between the mounting anchors must not exceed 700 mm, while the distance from the edges of the window and the axis of the mullions should be 150–200 mm for white windows. In the case of coloured windows, the distance between the fixing elements should not exceed 300 mm on each side of the frame (when using fixing anchors, they should be used alternately – inside and outside the room), while the distance from the edges and mullions should be the same as for white windows.
 - Special structures such as arches, bevels and slides should be mounted with mounting dowels including a bent element.
 - Installation anchors must be screwed into the profile for window installation at least every 300 mm for coloured profiles and every 600 mm for white profiles.
 5. The window should be fixed mechanically – it is unacceptable to use foams or adhesives for this purpose, while the fixing elements (anchors, dowels) should be protected against corrosion.
 6. After fixing the frame in the window opening, check if its deformation (warping) did not occur during anchoring; eliminate possible irregularities by correcting them with installation wedges.
 7. Install the sashes in the frame, checking at the same time that they function correctly, and adjust the fittings if necessary.
 8. Before insulating and sealing the joint between the window and the wall, protect the fittings and external surfaces of the window from contamination with sealing materials, mortars or paints with tape or foil.
 9. Fill the space between the wall and the window frame with low expansion polyurethane foam, making sure to:
 - Pre-wet the wall and frame with water to improve the adhesion of the polyurethane foam;
 - Allow excess foam to flow freely, preventing deformation of the frame.
 10. Once the filling foam has hardened, remove the spacers and installation wedges and repair (fill in) the resulting cavities with assembly foam.
 11. When carrying out plastering work, installed windows and balcony doors should be protected with foil and tape to prevent soiling, scratching or other damage to their surfaces.
 12. After completing all installation and finishing works related to the installation of windows, all window elements must be cleaned with appropriate means and the foil tape protecting window frame profiles must be removed immediately.
 13. Sliding windows must be installed on a stable substrate underneath the full width of the window and be dowelled.
 14. Anchors must be screwed to the profile (required).

PVC WARRANTY CARD

MONOLIT Michał Godlewski

ul. Strzelnica 12; 18-300 Zambrów
NIP 723-154-22-65

Invoice no:

WARRANTY CARD

MONOLIT Michał Godlewski with registered office in Zambrów provides a warranty for its products under the conditions and terms specified below:

1. The manufacturer will ensure the high quality of the products it manufactures by ensuring that they are installed correctly and that they are properly used and maintained in accordance with the "rules of operation". In the event of physical defects in the Manufacturer's products, the Buyer shall be entitled to the appropriate warranty benefit.
2. The warranty period is counted from the moment of taking over the goods by the Buyer from the Manufacturer. After the warranty period has expired, the warrantor will provide maintenance services against payment.
3. The manufacturer provides the Buyer with a warranty for its products, counted from the date of documented purchase for a period of 5 years for the colour durability of profiles, sashes and frames, the tightness of rectangular glazing units (2-year warranty for non-rectangular glazing units), and a warranty period of 2 years for gaskets and window fittings and 1 year for door fittings. This applies only if the installation is carried out by the Manufacturer or an Authorised Representative. In the case of installation of products by the buyer for a period of 1 year. The warrantor is liable under the warranty up to the value of the purchased joinery.
4. The manufacturer can extend the warranty to 10 years on condition that a paid maintenance service is performed every year after two years from the moment of purchasing the PVC joinery. The maintenance shall be carried out by the manufacturer, and the amount of payment for the maintenance in question shall be agreed individually in each case. Corrective action will be taken in the event of:
 - a. the mechanical defect responsible for the transmission of the rotary movement to the door lock or the window circumferential fitting. The warranty does not cover the reimbursement of other costs.
5. The condition for considering the claim is full repayment of the amount due for the delivered joinery.
6. In the case of an unjustified warranty claim, the Buyer shall be charged for the costs of the serviceman's journey.
7. A warranty claim does not constitute grounds for withholding payment for the window joinery.
8. The Buyer shall perform the qualitative and quantitative acceptance of products in the scope of overt defects confirmed by the acceptance protocol or by the confirmation on the release note (material issue from the warehouse) printout. These defects are considered to be inconsistencies: dimensions, divisions, colours, any mechanical damage, etc. If a product with obvious defects is installed, the product is not subject to the warranty conditions.
9. The authorised dealer shall repair such defects as replacement of glazing units, sashes, gaskets and other minor defects on their own.
10. The warranty may not cover:
 - a. misuse of the product,
 - b. incorrect or lack of maintenance,
 - c. improper service and adjustment,
 - d. exposure to external agents (chemicals, fire, etc.),
 - e. constructional changes and repairs carried out by unauthorised persons,
 - f. incorrect installation identified by the MONOLIT representative,
 - g. mechanical damage occurring after receipt of the goods,
 - h. wear of components,
 - i. the effects of thermodynamic phenomena (evaporation on the joinery inside and outside the room in which the joinery is installed),
 - j. improper ventilation of the room,
 - k. natural disasters,
 - l. use of own components by the Buyer without consulting the manufacturer.
11. Claims about faults and defects of windows and doors must be submitted in writing with photographic documentation within 5 days from the date of their discovery at the Warrantor's or the Authorised Representative's premises. The condition for considering the warranty is presenting the proof of purchase of the joinery, the paid VAT invoice and the warranty card. The claim note must contain a description of the defect found.
12. MONOLIT is solely responsible for how the fault is rectified.
13. The warranty applies only to damage caused to the subject of the agreement, and MONOLIT's liability is limited to the value of the products sold. The manufacturer shall not be liable for other costs caused by a defect in the product.
14. The Buyer shall enable MONOLIT's representatives to properly inspect the claimed product.
15. Warranty repairs do not cover periodic cleaning inspections, hardware adjustments and maintenance. The Buyer shall provide these at their own expense.
16. Delay in dealing with the claim shall not arise if MONOLIT's representative comes to the Buyer within the agreed term to rectify the claim and is unable to do so for reasons attributable to the Buyer. The time limit for resolving the claim shall then be extended by the time of the resulting delay. If the Buyer has failed to allow the repairs twice, he shall be deemed to have waived his claims.
17. MONOLIT's liability under this warranty is limited to products delivered and used inside Poland.

.....
seller (date and signature)

.....
buyer (date and signature)

ALUMINIUM WARRANTY CARD

MONOLIT Michał Godlewski

ul. Strzelnica 12; 18-300 Zambrów
NIP 723-154-22-65

Invoice no:

WARRANTY CARD

MONOLIT Michał Godlewski with registered office in Zambrów provides a warranty for its products under the conditions and terms specified below:

1. The manufacturer will ensure the high quality of the products it manufactures by ensuring that they are installed correctly and that they are properly used and maintained in accordance with the "rules of operation". In the event of physical defects in the Manufacturer's products, the Buyer shall be entitled to the appropriate warranty benefit.
2. The warranty period is counted from the moment of taking over the goods by the Buyer from the Manufacturer. After the warranty period has expired, the warrantor will provide maintenance services against payment.
3. The Manufacturer warrants its products to the Buyer from the date of documented purchase for a period of 2 years. This applies only if the installation is carried out by the Manufacturer or an Authorised Representative. In the case of installation of products by the buyer for a period of 1 year. The warrantor is liable under the warranty up to the value of the purchased joinery.
4. The manufacturer can extend the warranty to 5 years on condition that a paid maintenance service is performed every year after two years from the moment of purchasing the ALUMINIUM joinery. The maintenance shall be carried out by the manufacturer, and the amount of payment for the maintenance in question shall be agreed individually in each case. Corrective action will be taken in the event of:
 - a. the mechanical defect responsible for the transmission of the rotary movement to the door lock or the window circumferential fitting. The warranty does not cover the reimbursement of other costs.
2. The condition for considering the claim is full repayment of the amount due for the delivered joinery.
3. In the case of an unjustified warranty claim, the Buyer shall be charged for the costs of the serviceman's journey.
4. A warranty claim does not constitute grounds for withholding payment for the window joinery.
5. The Buyer shall perform the qualitative and quantitative acceptance of products in the scope of overt defects confirmed by the acceptance protocol or by the confirmation on the release note (material issue from the warehouse) printout. These defects are considered to be inconsistencies of dimensions, divisions, colours, any mechanical damage, etc. If a product with obvious defects is installed, the product is not subject to the warranty conditions.
6. The authorised dealer shall repair such defects as replacement of glazing units, sashes, gaskets and other minor defects on their own.
7. The warranty may not cover:
 - a. misuse of the product,
 - b. incorrect or lack of maintenance,
 - c. improper service and adjustment,
 - d. exposure to external agents (chemicals, fire, etc.),
 - e. constructional changes and repairs carried out by unauthorised persons,
 - f. incorrect installation identified by the MONOLIT representative,
 - g. mechanical damage occurring after receipt of the goods,
 - h. wear of components,
 - i. the effects of thermodynamic phenomena (evaporation on the joinery inside and outside the room in which the joinery is installed),
 - j. improper ventilation of the room,
 - k. natural disasters,
 - l. use of own components by the Buyer without consulting the manufacturer.
11. Claims about faults and defects of windows and doors must be submitted in writing with photographic documentation within 5 days from the date of their discovery at the Warrantor's or the Authorised Representative's premises. The condition for considering the warranty is presenting the proof of purchase of the joinery, the paid VAT invoice and the warranty card. The claim note must contain a description of the defect found.
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17. MONOLIT's liability under this warranty is limited to products delivered and used inside Poland.

.....
seller (date and signature)

.....
buyer (date and signature)

CLAIM FORM PRINTOUT

CLAIM FORM

DETAILS OF THE APPLICANT (COMPANY NAME, ADDRESS, TELEPHONE)	DATE OF CLAIM
	ORDER NUMBER
JOINERY INSTALLATION ADDRESS	WAS THE CLAIM MARKED ON THE RELEASE FORM? [] YES [] NO
CUSTOMER PHONE	PRODUCT NAME / ITEM / DIMENSION
DESCRIPTION OF THE DEFECT	

IF AN APPLICATION IS FILLED OUT ILLEGIBLY, INCORRECTLY OR WITHOUT ALL REQUIRED INFORMATION, ETC., THE APPLICATION WILL NOT BE CONSIDERED

IN THE CASE OF AN UNSUBSTANTIATED CLAIM, THE CUSTOMER SHALL BEAR THE COSTS OF THE SERVICE JOURNEY.

DATE AND SIGNATURE OF DECLARANT

.....

THE CLAIM WAS CONSIDERED POSITIVELY / NEGATIVELY



ALUPLAST STANDARD COLOURS



Golden Oak
(AP 23)



Walnut
(AP 27)



Anthracite
(AP 40)



Anthracite, sand structure
(AP 60)

ALUPLAST STANDARD COLOURS WITH A LONGER LEAD TIME OF 4 WEEKS



Mahogany
(AP 05)



Dark Oak
(AP 06)



Grey
(AP 34)



Palisander
(AP 33)



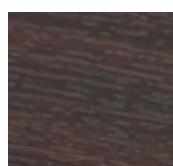
Khaki Oak
(AP 95)

NOTE: Minimum order quantity for windows from non-standard colour palette is 10 pieces

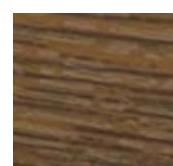
STANDARD COLOURS (WITAL)



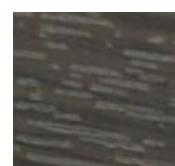
Golden Oak
UK101-Z8



Mahogany
UJ301-Z8



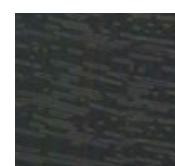
Walnut
UK103-Z8



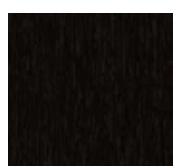
Smoked Oak
UR401-Z8



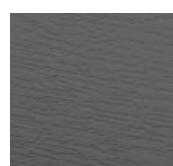
Winchester
A1002-Z3



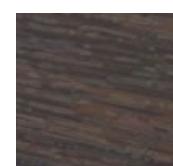
Black Brown
KDD17-Z8



Chocolate
KDB75-Z8



Anthracite
KDB74-Z8



Dark Oak
UQ901-Z8



Light Grey
KACV8-Z8



Smooth
Anthracite
KDB74-F7



Pale Grey
KADF9-Z8

For the colours Black Brown (KDD17-Z8), Pale Grey (KADF9-Z8), Quartz Grey (light grey), Norman Oak (Winchester), and Coal Grey (smooth anthracite) the delivery time can be agreed individually.

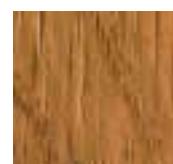
STANDARD COLOURS (REHAU)



Smooth anthracite
(REHAU 930L)



Anthracite
(REHAU 4443)



Winchester XA
(REHAU 1208L)



Palisander
(REHAU 9631)



Golden Oak
(REHAU 7512)



Walnut
(REHAU 225L)



Mahogany
(REHAU 9632)



Dark Oak 2
(REHAU 4914)



Alux DB 703
(REHAU 1642L)

For the Palisander colour, the delivery time is set individually.

The Alux DB (1642L) colour is only available as standard in a single-sided veneer.

www.monolit-okna.pl



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