

USER'S MANUAL

WARRANTY CARD

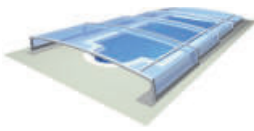


Alukov[®]
COMPLETE YOUR HOME...

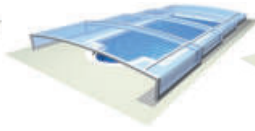
POOL PROGRAM / SWIMMING POOL ENCLOSURES

LOW LINE

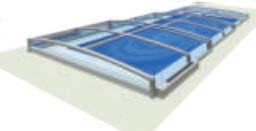
CORONA™



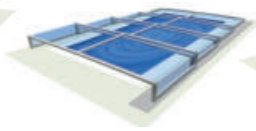
VIVA™



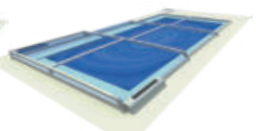
VIVA PRIME



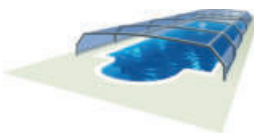
TERRA



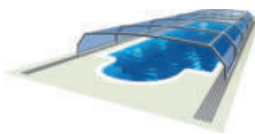
TERRA PRIME



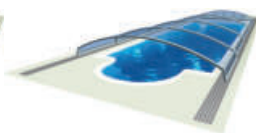
RIVIERA



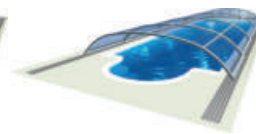
OCEANIC LOW



IMPERIA NEO™ LIGHT
IMPERIA PROGRES

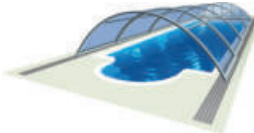


ELEGANT NEO™
ELEGANT

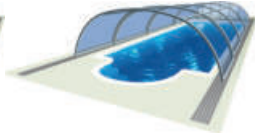


MEDIUM-HEIGHT LINE

UNIVERSE NEO™
UNIVERSE

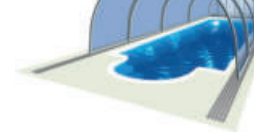


TROPEA NEO™
TROPEA

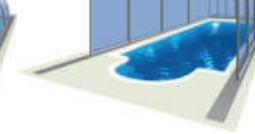


HIGH LINE

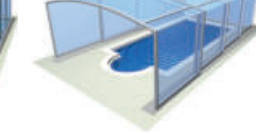
LAGUNA NEO™
LAGUNA



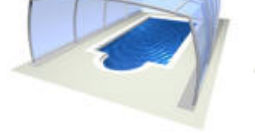
OCEANIC HIGH



VISION™



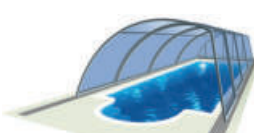
OMEGA™



VENEZIA



RAVENA



OLYMPIC™



ORIENT



STYLE™



VERANDA NEO™



SPA PROGRAM / WHIRLPOOL ENCLOSURES



OASIS™
SMALL / LARGE



SPA DOME ORLANDO®
SMALL / LARGE



SPA SUNHOUSE®
SPA GRAND SUNHOUSE®

HOME PROGRAM / TELESCOPIC PATIO ENCLOSURES



CORSO GLASS



CORSO ENTRY



CORSO SOLID
& PREMIUM
CORSO SOLID R
& PREMIUM R



CORSO ULTIMA
CORSO ULTIMA R

Dear Customer of ALUKOV a.s. / IPC TEAM,

Thank you for buying our product. This enclosure has been made using state-of-the-art technology from the best quality materials. We believe that our product will meet all your requirements and expectations. To ensure that the enclosure works correctly proper installation, operation and maintenance following the enclosed User's Manual is required. Keep the User's Manual / Warranty Card in a safe place.

ALUKOV a.s. keeps upgrading its products by using new materials and applying the latest developments trends within the field. The quality of our products are checked and certified by professionals in the area of quality control ISO 9001, environment ISO 14001 and the French research institute LABORATOIRE NATIONAL D'ESSAIS, based in Paris. Our swimming pool, spa and patio enclosures comply with the safety and quality standard AFNOR NF P90-309. Our enclosures meet the minimum design criteria set forth in the 2006 International Building Code (IBC), as well as the American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures (2006)




We hope you enjoy swimming and relaxing in your retractable pool, spa or patio enclosure.

ALUKOV a.s.
Manufacturer of Enclosures
INTER POOL COVER TEAM, E.E.I.G.
The World's Most Famous Swimming Pool Enclosures

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Key to symbols:

-  ... warning symbols indicate possible health hazards
-  ... symbols indicate possible dangers
-  ... tip provides useful advice and additional information

The manufacturer reserves the right to make technical modifications to the product.

POOL PROGRAM - Technical Description of Swimming Pool Enclosures:

ELEGANT NEO™, IMPERIA NEO™ - light, UNIVERSE NEO™, TROPEA NEO™, LAGUNA NEO™, CORONA™, ELEGANT, IMPERIA Progres, OCEANIC – low version, RIVIERA, VIVA™, VIVA PRIME, TERRA, TERRA R, TERRA PRIME, TERRA R PRIME, TROPEA, UNIVERSE, LAGUNA, OCEANIC – high version, OMEGA™, OLYMPIC™, ORIENT, RAVENA, VENEZIA, VISION™, VERANDA NEO™, STYLE™, ATYP and COMBI are used for covering swimming pools. The enclosure protects the water against pollution and thus reduces the need to clean the swimming pool. At the same time it warms the water free of charge. The enclosure also secures the swimming pool against unsupervised children or pets entering the water.

The swimming pool enclosure consists of a system of sliding segments with an arched or partially arched shape. The structure of the swimming pool enclosure is made of special aluminum sections, which become stronger when curved to the needed radius. The paneling of the segments is made of hollow or compact polycarbonate, which is shaped into curved sections, and thus the shaped polycarbonate also strengthens the structure of the segments. The enclosure is designed especially for family swimming pools. The product is easy to operate and maintain. Most of the segments of the enclosure can be shifted by a single adult.

SPA PROGRAM - Technical Description of Spa Enclosures:

OASIS™ – Small, OASIS™ – Large, SPA DOME ORLANDO® - Small, SPA DOME ORLANDO® – Large, SPA SUNHOUSE®, SPA GRAND SUNHOUSE® are mostly used for covering spa. These products, besides protecting the spa against the weather primarily create a unique interior space which does not visually separate the user from the vicinity and also increases user comfort when relaxing in the spa.

HOME PROGRAM / Sliding terrace enclosures – Technical Description of Variable Enclosure Systems:

Sliding terrace enclosures CORSO™ ENTRY, CORSO™ SOLID, CORSO™ SOLID R, CORSO™ PREMIUM, CORSO™ PREMIUM R and CORSO™ GLASS are designed for multipurpose covering of house terrace, to improve the stay on terrace and make it more pleasant, and to protect terrace equipment against the adverse effects of the weather. These enclosures largely increase utility value of the terrace. Sliding terrace enclosures CORSO™ ENTRY, CORSO™ SOLID, CORSO™ SOLID R, CORSO™ PREMIUM, CORSO™ PREMIUM R and CORSO™ GLASS allow undisturbed stay on the terrace over 3 seasons of the year (spring, summer, autumn) whatever the weather.

Under the HOME PROGRAM these products can be used to cover swimming pools or spa to be placed in the immediate vicinity of the house. Besides the protection of swimming pools or spa against the adverse effects of the weather, these products extend possibilities of protection and use of swimming pool placed in the immediate vicinity of the house and thus increase the utility value of such created interior space. Enclosures CORSO NEO™, CORSO™, CORSO GLASS are not designed to cover year-round used swimming pools.

Used Materials:

PROFILES

Aluminium alloy: AlMgSi 0.5 F 22

Standard: EN-AW-6063 T6, EN-AW-6060 T6 section strength within the range 180 - 250 N/MPa

Surface finish: white powder color RAL 9010, beige powder color RAL 1015, anthracite charcoal powder color - special finish DB 703, silver powder color RAL 9006, antique brown, powder color surface finish - wood imitation, natural anodizing C-0 layer 15 - 20 µm and brown anodizing C-33 layer 15 - 20 µm (applicable just for guide leading lines)

Thickness of walls sections: 1.4 - 3 mm

Lengths of anodized and powder-colored sections: 4500 - 12000 mm

POLYCARBONATE

Types of polycarbonate: 4 mm compact, 3 mm compact, 8 mm twin wall, 10 mm twin wall, 10 mm triple-cell

Number of cells: single-cell (1K), triple-cell (3K), compact (K)

Thermal insulation: 1K (10mm) U=3,1 W/m²K; 1K(8mm) U=3,7 W/m²K; 3K (10 mm) U=2,5 W/m²K; K (4mm) U=5,3 W/m²K; K (3mm) U = 5,5 W/m²K

Light transmission: (100% clear window glass): 1K =50-80%; 3K =40-70%; K (4mm) =86%; K (3mm) = 87%

Colors: transparent, white – structures (for SPA PROGRAM only), light blue, green, smoke

Operating temperature: from -40°C to +120°C

GLASS

Safety glass 33.1. CONNEX

Safety glass 44.1. CONNEX

Toughened glass 66.4. CONNEX

CONNECTING MATERIAL

Stainless-steel screws and rivets - class A4, A2

Aluminum rivets

Stainless-steel high strength rivets

SEALING ELEMENTS

Sealing brushes in the stainless-steel and the aluminum section

Sealing rubbers for polycarbonate of EPDM

Sealing sections between the segments made of thermoplastic and softened PVC, MULTIFLEX

ADDITIONAL METAL ACCESSORIES

Stainless-steel latch plates, stainless-steel latch pegs, stainless-steel lock fittings made of special alloy, aluminum adjustable and fixed corner connections, stainless-steel anchoring material, aluminum handles handrails, handles and pulleys

ADDITIONAL PLASTIC ACCESSORIES

Blind flanges of sections, plastic handrails, handles and pulleys, plastic clamps, plastic anchoring material

USER GUIDE

POOL PROGRAM/ Sliding terrace enclosures/ HOME PROGRAM:

The enclosure may only be handled by persons acquainted with this User's Manual. The manufacturer supplies the enclosure partially assembled. Attachment of the enclosure to the swimming pool body or to its decking, anchoring onto firm and level surfaces, the assembly and adjustment of the enclosure should only be performed by employees of the manufacturing plant or other employees authorized and trained by the manufacturing plant.

Securing the front wall

- Unlocking the front walls – Instructions – Appendix 1A
- Locking the front walls – Instructions – Appendix 1B

Handling the segments

The segments of the enclosure must be handled with care and with respect to other people in the vicinity. The individual segments should be shifted slowly. Before locking into the latch point, slow down and push the latch of the segment lightly above the point of latch - see Fig. 2A; 2B; 2C. Rough handling could damage the latch elements on the segments.

- Manually unlocking the segment latches - instructions - Appendix 2A
- Manually locking the segment latches – Instructions – Appendix 2B
- Automatic latching the segments – Instructions – Appendix 2C
- CORSO NEO™ - Locking segments - instructions - Appendix 4A

Complaints concerning defects caused by rough handling will not be accepted.

SPA PROGRAM:

The enclosure may only be handled by persons acquainted with this User's Manual. The manufacturer supplies the enclosure partially assembled. Attachment of the enclosure onto firm and level surfaces (deviation up to 5 mm/2 m), anchoring on a firm surface, the assembly and adjustment of the enclosure should only be performed by employees of the manufacturing plant or other employees authorized and trained by the manufacturing plant.

- Unlocking the door – Instructions – Appendix 3A
- Locking the door – Instructions – Appendix 3B

WARNING: Swimming pool enclosure TERRA / TERRA PRIME / CHAMPION / E CHAMPION is always supplied without the possibility of having an entrance door to the pool.

This is due to its low height. This type of enclosure is not intended for use in a closed position.

Precautions for safe operation of swimming pool, spa or patio enclosures from the view of weather effects:

The individual segments are equipped with stainless-steel latches to prevent them from slipping out of their runners or possibly flying off. The front walls are equipped with latches. The latch elements are firmly attached to the structure of the enclosure.



To prevent damage caused by wind, follow the instructions below:

- set and secure the front walls
- use all the latches to fix the swimming pool, spa or patio enclosure in place (plug in the latch plugs for the front walls, lower the segment latches to lock firmly down into the track
- position and make sure that they work properly, carefully plug in and secure the bayonet safety pins in their counterpieces, close and secure or lock the door and other openings in the enclosure)
- in cases of strong wind, do not run the segments over the swimming pool, spa or patio enclosure and do not open the door or handle other movable parts. The enclosure should be in a Full Locked Position.
- prevent people from entering or going near the swimming pool, spa or patio enclosure
- the manufacturer only ensures the resistance of the product to a wind speed of up to 100 km/h* if all the above listed conditions are observed (with higher wind speeds, it is necessary to consult the manufacturer about extra security measures)



To prevent damage caused by overloading segments, follow the instructions below:

- do not place any foreign objects on the segments
- clean snow from the surface of the swimming pool, spa or patio enclosure
- prevent people from treading on the segments of the swimming pool, spa or patio enclosure



All our types of swimming pool, spa or patio enclosure can be covered for a short time by a maximum layer of 4 inches of fresh snow*. However, snow has to be removed regularly. The weight of wet mature snow is several times higher than that of fresh snow. Snow must be removed gradually in small portions, preferably symmetrically and simultaneously from both sides, so that the structure is not loaded on one side, before removing the snow layer from both sides of the enclosure (to see the procedure for removing snow, please visit <http://www.alukov.cz/lang-cs/video-realizace-zastreseni-bazenu>).



When the construction is loaded with snow or other things, it is strictly forbidden to enter the swimming pool, spa or patio enclosure.



For additional information about the load-bearing capacity of your swimming pool, spa or patio enclosure please contact the manufacturer of the enclosure.

Other possibilities for operating swimming pool, spa or patio enclosures in winter conditions (consult the manufacturer):

- moderate heating of the swimming pool - the snow on the surface of the enclosure melts
- if it is not possible to remove snow regularly, the manufacturer recommends, after the end of the swimming season, that the segments of the enclosure should be stacked on top of one another and secured.



Handling the parts of the swimming pool, spa or patio enclosures and sliding the segments must be done with special care so as not to harm people in the vicinity of the swimming pool, spa or patio enclosure and to prevent damage to the enclosure or the property of others.

Maintenance of the swimming pool, spa or patio enclosure:

- clean the surface of the enclosure (be careful when cleaning the surface of polycarbonate which is easily scratched) - in case of need
- clean the travel paths of the enclosure and remove any foreign objects – depending on environmental factors, in case of need
- grease the door hinges and closing mechanisms (once or twice a year, or if needed) - !! avoid contact of oil with polycarbonate !!
- grease the locks e.g. with silicone oil (once or twice a year, or if needed) - !! avoid contact of oil with polycarbonate !!
- rinse the enclosure with running water containing a disinfectant (twice a year or if needed)
- if water accumulates in the polycarbonate cells, remove the plastic covers from the travel profiles, check for and remove any dirt from the sewage duct of the travel profile. Condensation inside the twin-walled polycarbonate is normal and it is impossible to avoid it. This condensed water is disposed by drain channels.



General Advice and Recommendations:

- the aluminum profiles and polycarbonate panels can easily be cleaned by hosing down with warm clean water or with a soft cloth made from 100% cotton, using a mild dish detergent solution and rinsing with warm water. NEVER use a solvent based cleaner (ammonia, etc.). AVOID using sponges or brushes that can scratch the polycarbonate's surface.
- the sections should be cleaned with a sponge; make sure that they do not contain any small impurities such as sand. When cleaning the polycarbonate panels, we recommend using a pressure cleaner (**do not clean the polycarbonate when it is warm from the sun**)
- do not use sharp tools to clean the swimming pool, whirlpool or terrace enclosure
- in the case there is pollution of biological origin on enclosure surface, remove this pollution as soon as possible by rinsing with running water, so you avoid the possible origin of stains and color changes
- do not use abrasive cleaners for cleaning the section surfaces or the polycarbonate, as they may scratch on the polycarbonate surface. It is also forbidden to use agents containing benzol, benzene, acetone or other organic solvents, acids or alkali
- after applying body creams (sun cream or moisturiser), extra care should be taken when handling the enclosure, otherwise permanent damage to the polycarbonate may occur as a result of the caustic action of the ingredients contained in the creams
- gradually remove fresh snow from the surface of the swimming pool, spa or patio enclosure, to prevent any of partially melted snow from freezing
- do not leave the key in the lock for a long time, it will decrease the secure locking of the enclosure and could lead to the possible damage of the internal mechanism of the lock
- ask your pool supplier about the maximum permissible water temperature in the pool. Regular ventilation will prevent the pool water from overheating and thus from damaging the material the pool is made of
- Carefully monitor pH levels in pool water. Recommended pH is 6.8 – 7.6. Failure to maintain this pH level can be harmful and may damage rust-proof parts
- Carefully monitor chlorine levels in pool water. Recommended CL level is 0.3 – 0.8 mg/l. Failure to maintain this chlorine level can be harmful and may damage rust-proof parts.

The materials used are resistant to water and dampness. The difference in temperatures between the outdoor and indoor environment may cause moisture to condensate inside the swimming pool, spa or patio enclosures on the polycarbonate and aluminium sections; it is possible to partially prevent condensation by covering the water surface or by using a special polycarbonate with a NO DROP surface finish, where drops are replaced with an invisible film of water, which flows down to the ground in a compact surface. Condensation also occurs inside the polycarbonate cells. The polycarbonate is bedded in aluminium sections with sealing, which prevents water from flowing directly into the polycarbonate cells and enables condensation to flow out. Condensation of water in the swimming pool, spa or patio enclosure and in the polycarbonate cells does not prevent use of the enclosure or shorten its service life and cannot be the subject of a complaint.

* Pool covers sold in the US meet the criteria under 2006 IBC (International Building Code) a ASCE 7-02 (American Society of Civil Engineers).

Electric movement of the enclosure:

Electric movement of the enclosure:

All types of swimming pool enclosures with the rail system can be subsequently equipped with an electric drive. For the conditions for using the electric drive see the separate appendix of this User's Manual.

Declaration of Conformity

The product complies with the Declaration of Conformity according to ČSN EN ISO/IEC 17050 – 1

Dear Customer,

Thank you for choosing our product. ALUKOV a.s. guarantees the service of the product you have bought during the entire warranty period. In your own interest we advise you to keep this accompanying booklet in a safe place for the entire warranty period of the product.

WARRANTY TERMS

1. ALUKOV a.s. / IPC TEAM provides 3-year warranty for product functionality, starting on the date when the enclosure is handed over to the customer. The manufacturer writes the date of handover in the warranty card. The warranty covers faults which may occur during the warranty period as a result of material defects or an error in the manufacturing process.
2. ALUKOV a.s. / IPC TEAM provides a 5-year warranty for surface treatment of colour aluminium profiles.
3. ALUKOV a.s. / IPC TEAM provides a 7-year warranty for static rigidity and stability of construction joints. Scope of Warranty: The warranty applies to the static rigidity and stability of construction joints manufactured according to the technological and manufacturing procedures of the company ALUKOV a.s. / IPC TEAM. The manufacturer guarantees that throughout the said warranty period there is no spontaneous disengagement of the construction joints under normal usage.
4. ALUKOV a.s. / IPC TEAM provides a 15-year warranty for the twin wall and compact polycarbonate within the scope specified below by the polycarbonate manufacturer.
5. ALUKOV a.s. provides Extended guarantee of 5 years for the safety glass 33.1.;44.1.;66.4.
6. Extended guarantee: No change in colour, strength of glass or safety foil for period of 5 years
7. When claim is filed under the warranty, the properly completed warranty certificate must be submitted
8. The date on which the warranty claim was submitted, the date on which the enclosure is taken over for repair and the date on which the enclosure is returned after the repair shall be marked in the warranty certificate by the manufacturing plant.
9. Warranty repairs may only be performed by workers of the company ALUKOV a.s. / IPC TEAM or by trained employees of other sales and assembly firms.
10. All users are obliged to use the pool, whirlpool or terrace enclosures in accordance with Service Instructions given below.

Scope of Warranty of polycarbonate board:

- light permeability will not deteriorate by more than 4% over 15 years
- the rigidity of the polycarbonate board will have ≥ 2.100 MPa flexibility module after 15 years
- the polycarbonate will not become brittle and will not lose its firmness After 15 years the tensile strength will be ≥ 50 MPa
- the polycarbonate will not be destroyed by hailstorms for at least 15 years

Terms of the polycarbonate board warranty:

- must not be negatively affected by coupling, fastening or sealing materials
- must not be thermally shaped
- can be exposed to weather effects on the UV side only
- the technological procedures of ALUKOV a.s. / IPC TEAM fully conform to these conditions of the polycarbonate board manufacturer
- must be protected against corrosive chemicals
- must not be mechanically damaged or abraded

Expiry of warranty / Exclusions from warranty:

1. Warranty claims cease to be valid after the expiry of the warranty term.
2. The warranty does not cover damage caused by improper use and unauthorized maintenance.
3. The warranty does not cover damage caused by unauthorized assembly executed by unauthorized staff.
4. The warranty does not cover damage caused by external factors, e.g. natural phenomena (overloading caused by a snow layer higher than 10 cm, hailstones bigger than 2 cm on average, wind speeds of higher than 100 km/hr) or to mechanical damage caused by a third parties.
5. The warranty becomes invalid upon unauthorized adaptation or repairs performed outside of the manufacturing plant, and also by any breach of the warranty terms.
6. The warranty does not cover adequate wear and tear caused by normal use, or damage caused by rough or improper handling.
7. The warranty does not cover oxidization of the surface of stainless and aluminium materials due to exceeding the recommended pH values, free and bound chlorine in the pool water.
8. The warranty does not cover non-standard environmental conditions.
9. Microscopic cracking of the Elox surface finish of the profiles or any colour changes which occur when panels are rolled cannot be considered the subject of a complaint.
10. Warranty does not cover the build-up of condensate inside polycarbonate panel cells.
11. This warranty applies to the original owner and is Non Transferable.



The financial risks resulting from damage to the pool, whirlpool or terrace enclosure can be reduced by taking out insurance against damages caused by extraordinary weather conditions.

DISPOSAL

All parts of the enclosure are recyclable. Dispose the enclosure by handing it over to an authorized person in accordance with recycling law.

CERTIFICATE OF WARRANTY

Type and size of enclosure:

Production No.:

Stamp, signature and telephone number of supplier:

Handover/Receipt:

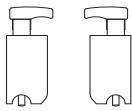
COMPLAINT SHEET

Complaint:

Date of receipt:

Date of delivery:

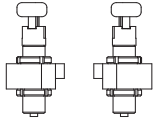
Spare parts / In case of damage or loss, these spare parts can be ordered:



STANDARD latch
(31.534 right, 31.536 left)



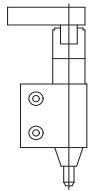
sliding latch (92.003)
Insert into pavement (31.512)



KOMFORT latch
(92.001 right, 92.002 left)



narrow blind flange of the corner section
- progres 110° - (31.747)



PROGRES latch
(92.015)



narrow blind flange of the corner section
- progres 125° - (31.748)



latch plates STANDARD
(21.430)



blind flange of the suspension travel
(31.945 left, 31.946 right)



latch plates KOMFORT
(21.429)



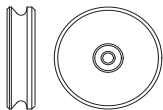
blind flange of the door SPA
(31.581 left, 31.580 right)



latch plates PROGRES
(21.437)



front cover
(31.559 left, 31.558 right)



wheel KOM. 15 - 31.902



aluminium door handle (11.758 lockable,
11.759 non-lockable with no catch,
11.760 non-lockable with catch)



peg for the front
(21.401)



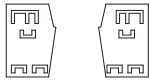
lockable handle
(31.937)



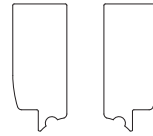
securing pin - Bent pin (21.405, 31.512)
securing pin holder (11.408)



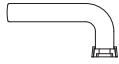
small handrail, non-locking
(31.535)



blind flange of the bottom travel SPA
(31.923 left, 31.922 right)



blind flange KOMFORT
(31.543 right, 31.542 left)



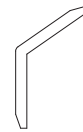
door handle
(31.537 black)



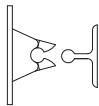
blind flange of the corner section
(31.509)



cam lock
(21.425 + 21.426)



blind flange of the corner section
small (31.572)



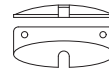
door fastener
(21.422)



blind flange of the door rail
(31.527 right, 31.526 left)



lock
(92.020)



point of latch



key
(21.958)



brushes



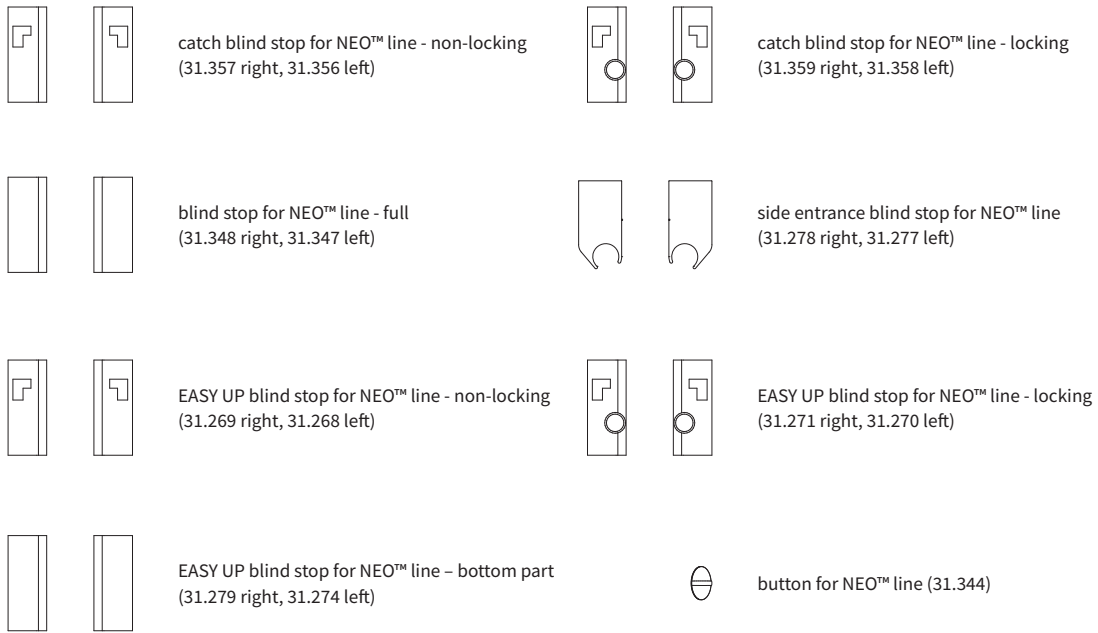
mPVC seal
(soft)



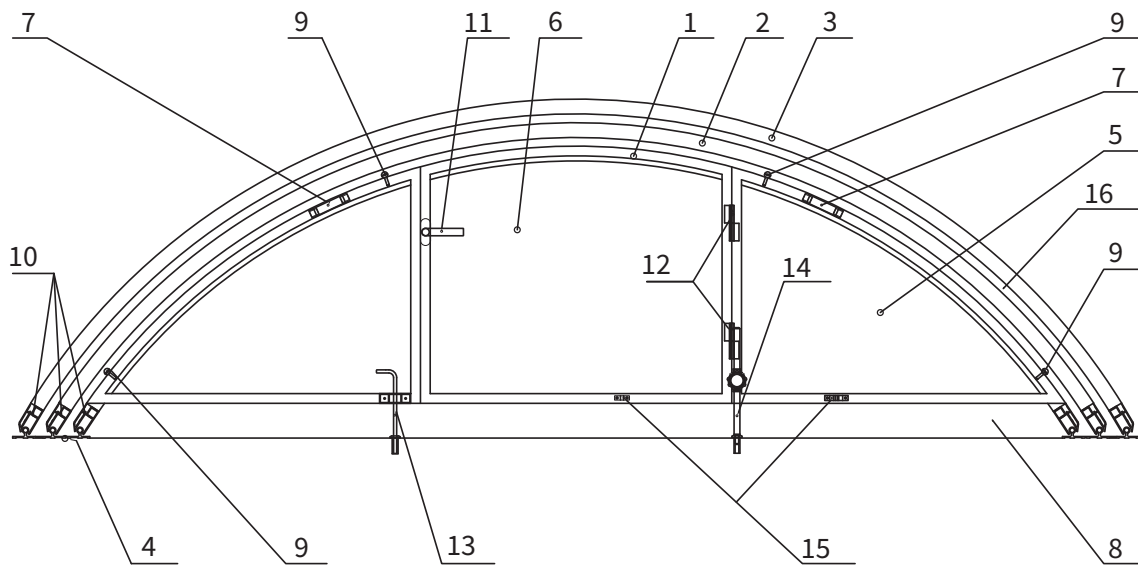
EPDM seal
(hard)



blind flange
(31.503 right, 31.502 left)



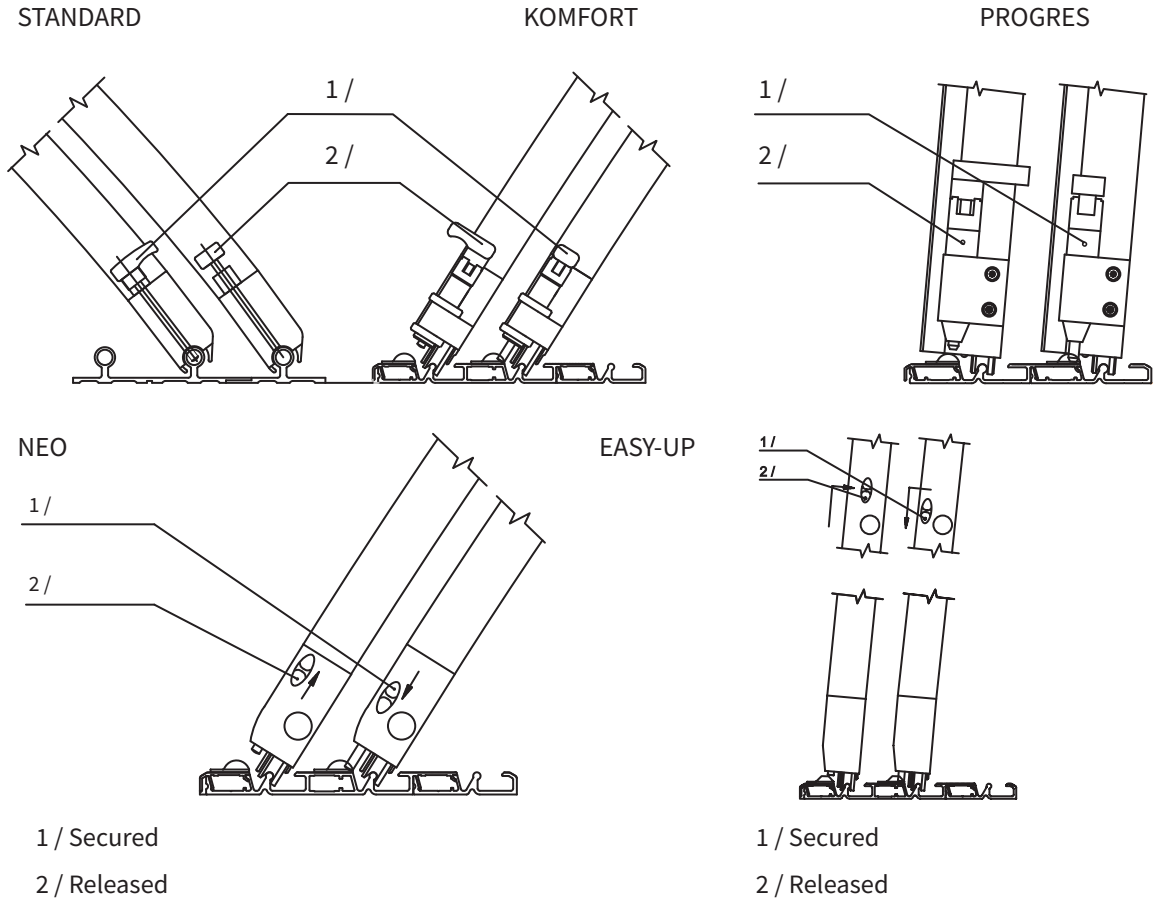
Description of swimming pool roof



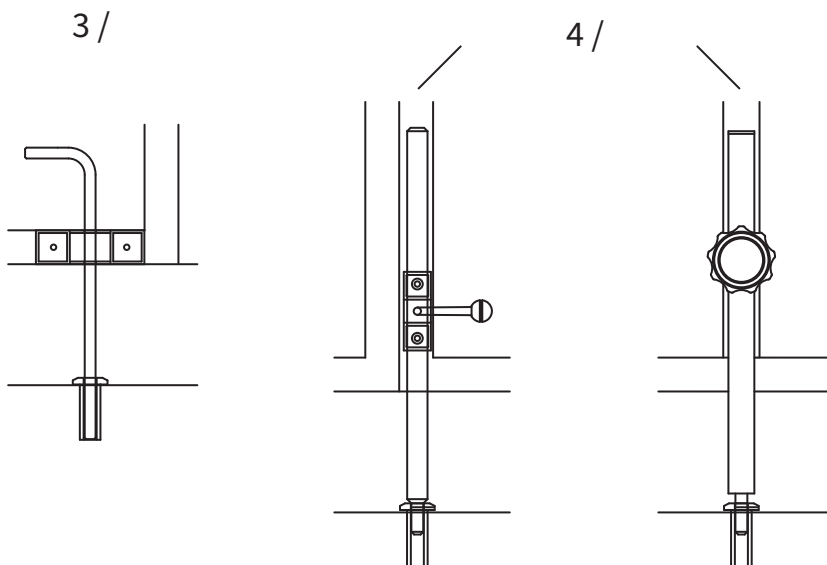
- 1 first segment
- 2 second segment
- 3 third segment
- 4 travel path
- 5 front wall
- 6 front wall door
- 7 handle
- 8 sealing foil EPDM
- 9 securing pin 23 mm
- 10 automatic latch
- 11 plastic door handle
- 12 door hinges
- 13 bent securing pin
- 14 adjustment pin
- 15 open door catch
- 16 sealing between segments

Possible means of securing the roofing structure against the weather

Automatic latching of segments



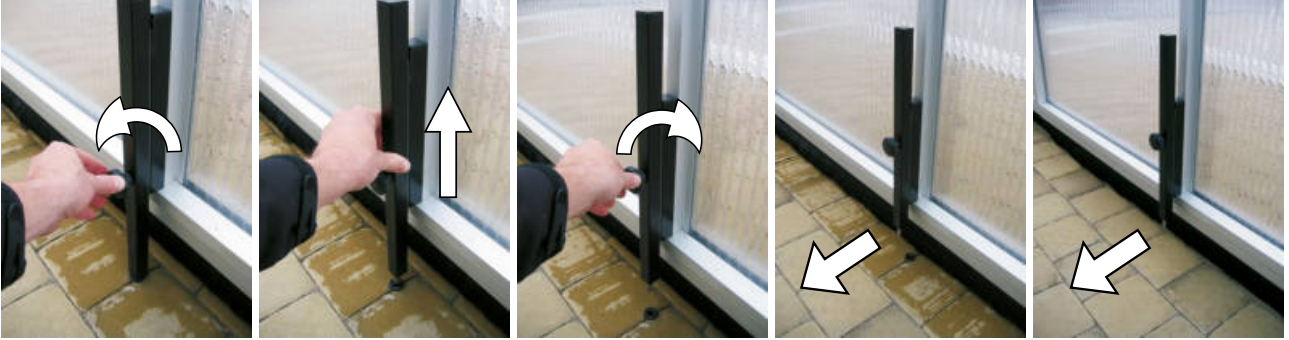
Securing the front wall



3 / Securing pin - Bent pin
4 / Adjustment pins

Appendix

1A Unlocking the front walls



1B Locking the front walls



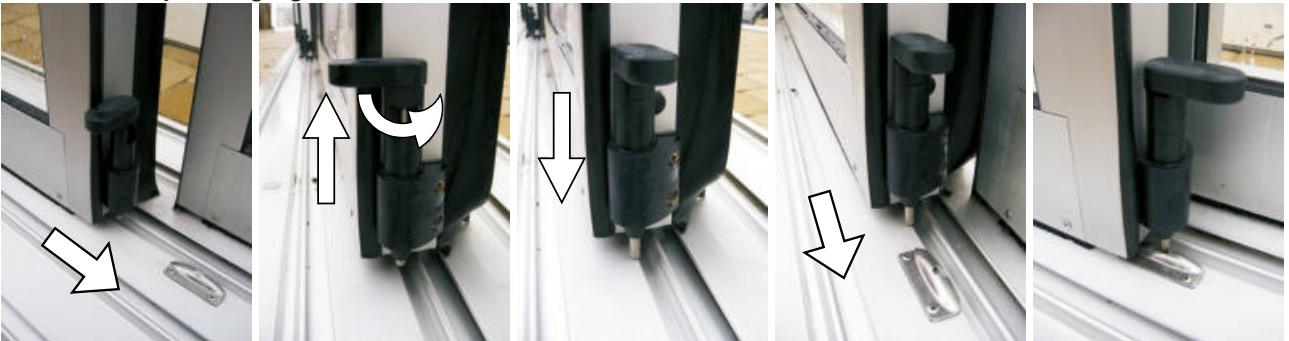
2A Manually unlocking segment latches



2B Manually locking segment latches



2C Automatically latching segments



3A Unlocking the door



3B Locking the door



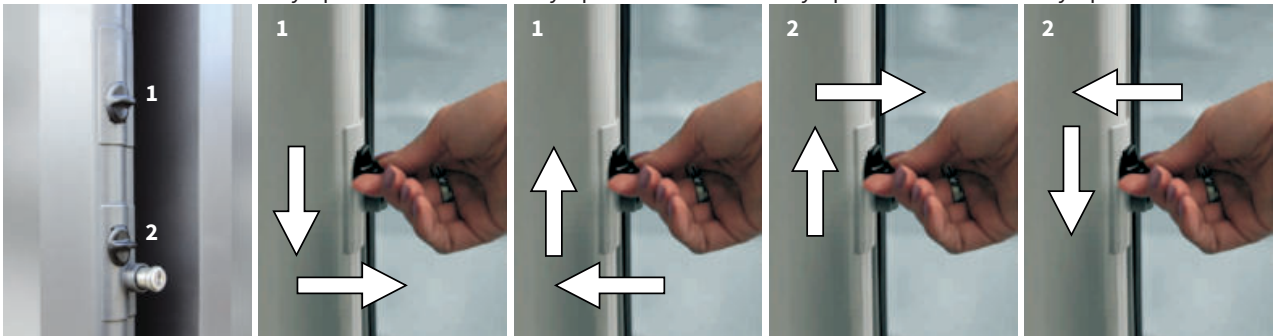
4A

Easy Up Plus - unlock

Easy Up Plus - lock

Easy Up - unlock

Easy Up - lock



1 Climate latch - use only if the weather is getting worse (e.g. strong or gusty wind, massive rainfall)

2 Automatic latch - used for standard daily locking of segments

Notes

© Alukov 08 - 2021 The manufacturer reserves the right to make technical changes in its products.



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