

## **IMPERIAL**

### **DESCRIPTION**

The Imperial system is a 3 chamber system designed to construct exterior doors and shop windows. The 24 mm wide thermal break made of polyamide reinforced with multi directionally oriented glass fiber considerably improves the mechanical endurance of the profile's internal and external chambers. Thanks to the large – width (65 mm for the door and window casings, members and door leaves and 74 mm for the window leaves) profiles are rigid and strong enough to construct doors with maximum dimensions. Using the renowned fittings and a wide range of threshold solutions makes the system very modern and versatile. An advantage of the Imperial window system is that the leaf can be matched to the required windows size (thanks to a choice of leaves and casings) and to the required fittings – we offer windows leaves typically for aluminium fittings (to the EURO standard) as well as for the fittings for PVC windows.

### **Application:**

- display windows with glazing units and single glazed
- turn-tilt windows, tilt widows, turn widows and turn- sliding windows
- side and outside opening doors, single and double leaf doors, glazed doors
- swing doors and sliding doors
- vertical and horizontal pivot windows

## **TRILINE**

### **DESCRIPTION**

This series of high quality profiles with thermal break are applicable for acoustic and thermal insulation. The profiles for this series are constructed of 2 hollow extrusions separated from one another by polyamide strips PA 6.6.25 reinforced with glass fibre.

### **APPLICATIONS:**

- fixed frames for single or double glazing
- single or double sash side-hung open in windows
- tilt and turn windows , tilt in only windows
- tilt and slide windows with appropriate hardware
- pivot windows, horizontal

## **ECONOLINE**

### **DESCRIPTION**

This series of profiles has the same form as the VISOLINE series except for the thermal break.

### **APPLICATIONS**

- windows and patio doors for indoor use and applications where no thermal break is required
- single and double opening flat doors and touch doors
- slinding windows
- innerwalls

## **VISOLINE**

### **DESCRIPTION**

Standard series of profiles with thermal break, used for most traditional door and window applications in houses and industrial buildings.

### **APPLICATIONS**

- commercial and residential doors
- single or double sash
- residential doors are open-in only

## **SUPERIAL**

The system for increased thermal insulation. With three-insert thermal seal the central chamber and special vitrescent gaskets UR system reaches a factor  $<2.0 \text{ W/m}^2\text{K}$  (material group 1.0 according to DIN 4108). Depth of window frames and profiles for permanent cabinetry is 75 mm. Depth of 84 mm window sashes. The Superial system is based on accessories (corners, T) and vitrescent terminal and fittings of other systems thermally insulated. The system achieves a very good acoustic properties. The possibility of using fillings with a thickness of 14-61 mm.

### **APPLICATION**

- fixed frames for double glazing
- single or double sash, side-hung, open in windows
- tilt and turn windows
- tilt in only windows
- tilt and slide windows and doors with appropriate hardware
- single opening flat door and touch door.

## **LUXUS**

### **DESCRIPTION**

This series of high quality profiles with thermal break is applicable for acoustic and thermal insulation. The profiles for this series are constructed of 2 hollow extrusions separated from the another by polyamide strips PA 6.6.25 reinforced with glass fibre.

### **APPLICATIONS:**

- fixed frames for single or double glazing
- single or double sash, side-hung, open in windows
- tilt and turn windows
- tilt in only windows
- tilt and slide windows with appropriate hardware
- pivot windows, horizontal

## **SHOPLINE**

### **DESCRIPTION**

Shopleveline introduces system construction with vertical columns and horizontal crossbars. This system is popular mainly in Great Britain. Thickness of used glass fillers is between 6-12mm and 24-28mm.

## **STEEL LOOK**

### **DESCRIPTION**

This series of high quality profiles with thermal break are applicable where more severe standards of acoustic and thermal insulation are required. The profiles for this series are constructed by polyamide strips PA 6.6.25 reinforced with glass fibre. The Steel Lokk is different from other window systems due to its slim sight lines that mimic those common to steel profiles.

### **APPLICATIONS**

- fixed frames for single or double glazing
- single or double sash, side-hung, open in windows
- internally open tilt in windows

## **INTRUDER**

### **DESCRIPTION**

Series of high quality profiles with thermal break is applicable for acoustic and thermal insulation. The profiles for these series are composed by 2 hollow extrusions separated from another by polyamide strips PA 6.6.25 reinforced with glass fibre.

### **APPLICATION**

- doors with single or double sash.

## **ROOFLIGHT**

The window mounted in the roof, performed in the systems of winter gardens or facade, opening to the outside manual or electric actuator. Designed so that water runoff was prevented from entering inside the object.

## **VISOGLIDE**

Sliding doors system with thermal insulation. All sections are 3 chamber sections. Outer frame is 99mm or 155mm wide, casement is 43mm wide. Double or triple running tracks on which casements run allow to open large spaces. Glazing possibility from 4mm to 29mm. Double or triple running tracks allowing 2,3,4 or 6 panel combinations.

### **Visoglide HS**

#### **DESCRIPTION**

Visoglide HS is a variant of the Visoglide-series where you can find the usual sliding doors. System for lift and sliding patio doors with thermal break.

#### **APPLICATIONS**

-to separate terrace and living quarters in houses and flats  
-separations for conservatories looking out into the garden and to create space in a passage way.

### **Visoglide Light**

#### **SYSTEM FEATURES**

Subsystem Visoglide - has the same structure, but is devoid of thermal break. It is replaced in this system with an aluminum extruded / embossed / wall.

#### **Application:**

- terraces, verandas, winter gardens
- patio

## **SUPERGLIDE**

#### **SYSTEM FEATURES**

System of thermally insulated sliding door. All profiles that are three-chamber system. Frame depth of 116 mm (2 lanes) or 181 mm (3 lanes), the depth of wing 51 mm. As the strip glazing bars used in the popular Window and door systems. There is a possibility of flooding of the frame in floor layers, so as to avoid the appearance of an artificial threshold. The use of two - and three-lanes driving rails, after which the wings are moving, you can open significant space. Putting trucks into moving parts eliminates the danger of overhanging door. Possible combinations of two, three, four and six elements based on the frame of two or three lane.

### **SIDLE PLUS**

#### **DESCRIPTION**

System for sliding windows without thermal break. This standard series of profiles without thermal break has the same form as the Slide series except for the thermal break.

#### **APPLICATION**

- for replacement of opening windows, where the rotating frame forms are a hindrance  
- for dividing constructions as verandas, and for creating space from a large passage  
- for dividing a terrace and a accommodation in houses and apartments

## **ECOSLIDE**

Sliding door system without thermal insulation. The system is intended to design the cabinetry unheated exterior (balconies, terraces, loggias), or sliding interior cabinetry.

### Applications

- glazing thickness: 1 mm - 12 mm
- different combinations: 2-, 3-, 4- and 6- parted
- depth of profiles: frame: 51 mm or 79 mm, sash -18/21 mm
- no thermal brake
- system are compatible with other systems manufactured by Aliplast

## **VISOFOLD**

### **DESCRIPTION**

The folding door system with thermal break allows you to create large passages. The system is built up using a frame in which moveable parts or elements are placed in such a way that it is possible to fold the elements to the left or right. These elements or sashes are supported and hinged to a mullion. At the bottom the mullion is supported by a roller mechanism which slides along the sill profile while at the top, the mullion is guided by another roller mechanism. There are several possible combinations of elements and opening sashes.

### **APPLICATION**

- this series of folding doors is mostly used in hotels and restaurants, stores and in private houses, in order to open a complete wall to create a larger space in the summer
- the system is also interesting for conservatories to use as a screen you can open completely in summer times

## **ALIVER 1000**

### **DESCRIPTION**

Single and double slope system with thermo isolation. Roofing span width up to 2,5m (in case of using polycarbonate), 2m in case of using glass. This system is popular thanks to its simplicity and practicality during construction.

## **ALIVER 2000+**

### **DESCRIPTION**

Single and double slope system with thermo isolation. Roofing span width up to 3m (in case of using polycarbonate), 2,5m in case of using glass. We can also place roofing windows in this system which is used in case of ventilation or fire.

## **ALIVER 600**

### **DESCRIPTION**

The ALIVER 600 series is a thermally broken conservatory roof system with self supporting roof panels of 55mm thickness. This series is mainly used in private houses to construct conservatory roofs.

## **Aliver 5000+**

### **DESCRIPTION**

Single and double slope system with thermo isolation. Roofing span width up to 4,4m (in case of using polycarbonate), 3,6m in case of using glass.

## **Aliver 6000**

### **DESCRIPTION**

System used for more difficult roofing constructions, thermo isolated. Wide spread of roofing angles to static constructions makes the big advantage.

## **VICTORIAN**

### **DESCRIPTION**

Thermo isolated roofing system for winter gardens. Height of the system is random (according to length of profiles), roofing span between 1,8-4,5m. Angles 90°, 135°, 150° are characterizing such constructions. This system has its typical shape and aesthetic value. It is considered as higher standard up to luxurious.

## **SYSTEM PERGOL ALUMINIUM**

### **DESCRIPTION**

This system is a very similar to other Aliver systems but it may also combined with wood. Base of the construction is made of aluminium profiles, wood is complementary accessory. Profiles can also be especially lacqyered to imitate wood. Width of used glass fillers is 16,20 or 32 mm. This system is popular thanks to its aesthetic value, wood aspects and apperance.

## **PERGOLA ROOF**

### **DESCRIPTION**

Roofing system which is supplementary to wood or steel conctructions. Aluminium profiles may be lacquered into wood imitation. Single or double glass can be used, polycarbonate is also the option. It is possible to assemble roofing lighting.

## **MANUAL ROOF SLIDING SYSTEM**

This system is for using on an ALIVER 1000 or ALIVER 2000+ roof system to give a manual controlled 2 part sliding roof.

Because the sliding roof is manually controlled, glazing is only possible with polycarbonate panels of 16 mm in order to limit the weight of the panels to be moved. Interlocking with espagnolettes.

### **Applications**

- conservatory roofs with sliding roof in 2 parts
- roofs over terraces

## **FLAT - WALL**

Depth the outer, visible aluminium profile is 42 mm. Width the visual profile of mullion and transom is 76 mm. The profile's depth of mullions is 90 mm and 95 mm for transoms. In backside facet of mullions and transoms there is interstice 2 mm as result angle connecting mullions and transoms. In outside facet of glass and outside facet of aluminium profiles there is impurity about 1,5 mm.

Mounting complex glass in solid quarter is making by clamping strips with seal to beveled glass's sheet. Fillings of solid quarter are connecting with aluminium profiles by structural silicone. All complex glasses are sealed by UV-resistance silicone. Typical fillers there are blocks of glasses which are consist of outside glass 8 mm float toughen ESG and indoor low-emission glass 6 mm with coefficient of  $k=1,1$ . The glass-aluminium construction contain tilt and fixed windows. Windows which are opened

to inside can be used: tilt, turn or tilt and turn windows. The producer of metal- fitting is WSS firm from Germany. The frame of window is rigged in hidden wickets, which are operated by door-handle.

Sealing is realized by 2 layers of construction which consist of: inner insulating layer and exterior layer made of EPDM. Sealing is placed by outdoor circuit of construction. The selling point of this solution: effect flat, plain surface of glass and aluminium profiles. All outdoor elements /clamping strips and mask batten, glazing fillers/ are placed in one plane. There are no elements sticking out beside wall. The result of this solution is achieving structural wall effect/where glasses are sealed a very expensive constructional silicon/ by mechanical mounting complex glass with aluminium construction curtain wall.

## **TANAGRA**

This solution has a very big influence for the total price of the system. Length of profiles are individual and is fully adoptable to the building project needs. Tanagra system is characterized very good therm isolation.

## **MC GLASS DESCRIPTION**

Very similar system to MC-Wall. The system is not so flexible outdoor where it is not possible to assemble any visible additional aesthetical elements.

## **FLYSCREEN**

System for windows and door flyscreens suitable for aluminium, PVC and wooden windows. Designed for doors and windows, No need to take away the flyscreen to close the window. Sliding screen for patio windows.

### Applications

- screen against vermin, insects
- ventilation of living quarters

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## **MACASSAR**

Various profiles and connection brackets which can be used to form an infinite variety of rails and balustrades. On glazed panels there is no need to drill the glass and adjustments can be made on site. There are different connection brackets to suit each installation requirement.

## **COVERING 2000**

System for covering profiles. Aluminium narrow strips for finishing. As part of structural panels for windows and doors. Finishing of concrete and steel posts, ceilings and walls in buildings. The aluminium strips are connected by interlocking each other. Multiple auxiliary profiles: inner and outer angle, ending profiles.