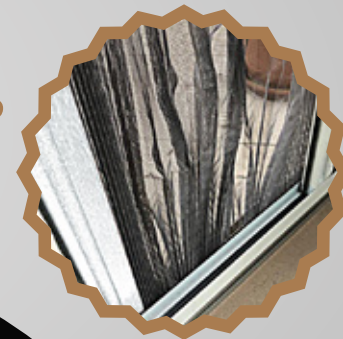




LÜMENTECH
WINDOW & DOOR SYSTEMS

HIGH QUALITY Fly Screen Systems 2022

**OTHER
MESHES**



**OTHER
PROFILES**



FLY SCREEN SYSTEM SOLUTIONS

PLEATED INSECT SCREENS

PL 28 SINGLE

LOW BOTTOM RAIL, ONE RAMPED



Max. Size Width: 1.500mm Length: 2.500mm

PL 28 SINGLE

LOW BOTTOM RAIL, DOUBLE RAMPED



Max. Size Width: 1.500mm Length: 2.500mm

PL 28

PL 28 Insect Screen System consists of aluminum profiles. It works in horizontal manner.

Pleated mesh is coated with PE (35% polyethylene) over the PP (65% polypropylene). Even though this pleated mesh is exposed to rain, it maintains the same durability and prevents the mesh to sag. We recommend using Polyester mesh in countries where it reaches 40°C. Mesh colors can be black and gray. Specially developed bearing system makes PL 28 work comfortably and freely.

Guy ropes are providing stability and stiffness to the mesh. Profiles are carefully designed with attentive calculations to be simple, sufficiently robust and majorly practical. There is 1 type of frame profile and 1 type of moving sash profile in the system. Additionally, there are options for 2 different bottom rail profiles.



Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

PLEATED INSECT SCREENS

Bottom Rail Profiles:

a) One side ramped anodised aluminum bottom rail profile:

In case there are doorsill or marble piece on the floor, **bottom rail profiles with 20 mm height** are used. The profile is perpendicular triangle fitted right into its place which makes walking on it easier. It is resistant for getting smashed and deformed.

b) Double side ramped anodised aluminum bottom rail profile:

In case there are doorsill or marble piece on the floor, **bottom rail profiles with 10 mm height** are used. The profile is perpendicular triangle to each side fitted right into its place which makes walking on it easier. It is resistant for getting smashed and deformed.

PL 28 can be used with all window frames (PVC, wooden, aluminum) easily. On regular doors and windows, horizontal PL 28 can be used. For wider doors and windows, reversible system can be used.

Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

PL 28 REVERSIBLE

LOW BOTTOM RAIL, ONE RAMPED



Max. Size Width: 3.000mm Length: 2.500mm

PL 28 REVERSIBLE

LOW BOTTOM RAIL, DOUBLE RAMPED



Max. Size Width: 3.000mm Length: 2.500mm

PLEATED INSECT SCREENS

PL 28 DOUBLE

Max. Size Width: 3.000mm Length: 2.500mm



PL 17

Max. Size Width: 1.500mm Length: 2.500mm



Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

PLEATED INSECT SCREENS

PL 17

PL 17 Insect Screen System consists of aluminum profiles. It works in horizontal manner.

This system has first class polyester mesh. Mesh colors are black and gray.

Guy ropes are providing stability and stiffness to the mesh. It works freely with the special bearing system.

PL 17 can be used with all window frames (PVC, wooden, aluminum) easily. We recommend using PL 17 Screens especially windows with shutters, wrought iron fences and safety rail.

On regular doors and windows, horizontal pleated can be used while on wider doors and windows, plisse with reversible or double pleated system can be used.

Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

PL 17 REVERSIBLE

Max. Size Width: 3.000mm Length: 2.500mm



PL 17 DOUBLE

Max. Size Width: 3.000mm Length: 2.500mm



INBOARD INSECT SCREENS

INBOARD FIXED DELUXE

Max. Size Width: 1.000mm Length: 1.700mm



INBOARD FIXED DELUXE

Inboard Fixed Deluxe Insect Screen System consists of aluminum profiles. Inboard Fixed Deluxe Insect Screens became the most preferred product when it comes to windows with shutters, wrought iron fences or safety rail attached. Thanks to its operating principle, there is no contact with the outside of the window.

It operates by putting on and off principle and it makes it easier to use on windows for the purpose of fresher air flow. It is quite handy putting the insect screen on and off, and thanks to claws at top and bottom, it is nearly impossible to be removed from the window by wind or by itself. This system can be used on any pvc windows.

INBOARD FIXED DELUXE (MULLION CONNECTED)

Max. Size Width: 1.500mm Length: 1.700mm



Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

INBOARD INSECT SCREENS

INBOARD IDA 40 INSECT SCREEN SYSTEMS & INBOARD PL 17 INSECT SCREEN SYSTEMS

Inboard IDA 40 and Inboard PL 17 Insect Screen Systems consists of aluminum profiles. By developing a special frame profile around the currently manufactured IDA 40 insect screen systems and PL 17 Insect Screen Systems, we enabled an easier installation for the screens.

Thanks to the special frame, it is smoother to use this screen without any screws, just by putting on and off.

There are 2 different frame types:

- The length of the frame profile is 50 mm for IDA 40.

- The length of the frame profile is 26 mm and 50 mm for PL 17.

This system can be used on any hinged pvc windows.

Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

INBOARD PL 17

Max. Size Width: 1.500mm Length: 1.700mm



INBOARD IDA ROLLER

Max. Size Width: 1.500mm Length: 1.700mm





EGE 40 VERTICAL ROLLER

Max. Size Width: 1.500mm Length: 1.700mm



EGE 40 HORIZONTAL ROLLER

Max. Size Width: 1.200mm Length: 2.500mm



EGE 40 ROLLER

EGE 40 Roller Insect Screen System consists of aluminum profiles. The mesh is originated from United States, the brake system is originated from Italy, the spring system and plastic raw materials are originated from Germany.

Fiberglass mesh are decontaminated from carcinogenic materials due to high quality raw material preferences. (European Directive RoHS 2002/95/EC and 2003/11/EC)

The locking mechanism of insect screen system is made by snapping the two aluminum profiles together. While the locking mechanisms made by plastic do not last long, aluminum does not have a breaking point. Since the roller insect screens in the market don't have any brake systems, when the screen is opened, it hits the upper profile very quickly causing both damage and noise.

All EGE 40 insect screens have brake systems which provides silent and damage free operating conditions while preventing the spring system to get damaged. Installation and assembly operations are pretty simple. Assemble by joining the 4 aluminum profile parts together without any screws. Installation is done by fixing the product from 4 plastic corners with screws onto the window frame.

Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

ROLLER INSECT SCREENS

EGE40 roller insect screen system can be used on any hinged windows and doors. Vertical blinds should be preferred in windows while horizontal and double horizontal blinds should be preferred in doors. With wide range of colors compatible with aluminum, pvc and wooden door and window frames, our products will ensure its unity.

IDA 40 VERTICAL ROLLER (FRAMELESS)

IDA 40 Vertical Roller Insect Screen System consists of aluminum profiles. The mesh is originated from United States, the brake system is originated from Italy, the spring system and plastic raw materials are originated from Germany. **Fiberglass mesh are decontaminated from carcinogenic materials due to high quality raw material preferences. (European Directive RoHS 2002/95/EC and 2003/11/EC)**

Locking mechanism is operated by hidden plastic locks inside the side rails. This system also has brake system. Installation and assembly operations are pretty simple. Assemble by joining the 3 aluminum profile parts together without any screws. Installation is done by fixing the product from 4 plastic corners with screws onto the window frame. IDA 40 roller insect screen system can be used on any hinged windows. This system cannot be used on doors. With wide range of colors compatible with aluminum, pvc and wooden door and window frames, our products will ensure its unity.

Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

EGE 40 DOUBLE HORIZONTAL ROLLER

Max. Size Width: 2.400mm Length: 2.500mm



IDA 40 ROLLER (FRAMELESS) (FOR OUTWARD AND INWARD OPENING WINDOWS)

Max. Size Width: 1.500mm Length: 1.700mm



SLIDING INSECT SCREENS

TUBA DELUXE SLIDING

Max. Size Width: 1.800mm Length: 2.500mm



TUBA DELUXE SLIDING

Tuba Deluxe Sliding Insect Screen System consists of aluminum profiles. With the special bearing system, this insect screen can be opened and closed by one finger. With development of 3 different rail systems, it is possible to assemble this system to all doors and windows.

A special breaking and locking system is developed in Tuba Deluxe System to prevent the screening sash from hitting the rail profile hard while closing and preventing the sash from coming off the rails in windy weather. In this way, this system can be used longer.

There are 3 different rail systems.

Areas of Usage:

Narrow Rail: Volkswagen sliding, Hebeschiebe sliding, Double Sliding, Double Sash Inside Opening Door, Double Sash Sliding

Wide Rail: Basic sliding, basic double sliding, Double Sash Sliding

Double Rail: Double sash inside opening door

Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

Max. Size Width: 3.600mm Length: 2.500mm



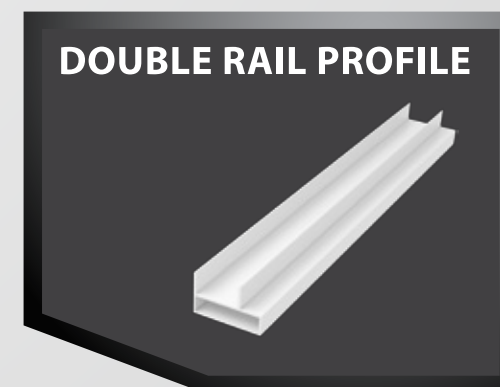
SLIDING INSECT SCREENS



Volkswagen sliding, Hebeschiebe sliding
Double Sliding
Double Sash Inside Opening Door
Double Sash Sliding



Basic sliding
Basic double sliding,
Double Sash Sliding



Double sash inside
opening door

*Need to additional frame for
balcony glazing.

Standard Colors:

Ral 9016 - 9010 - 9001 and 7016

Other Ral colors are available at an additional cost.

OPTIONAL INSECT SCREENS

TRANSPARENT MESH



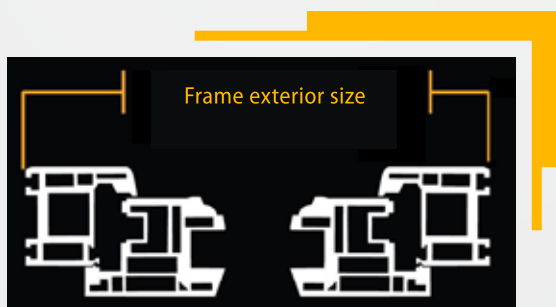
NORMAL MESH



PETSCREEN MESH



TAKE MEASUREMENTS



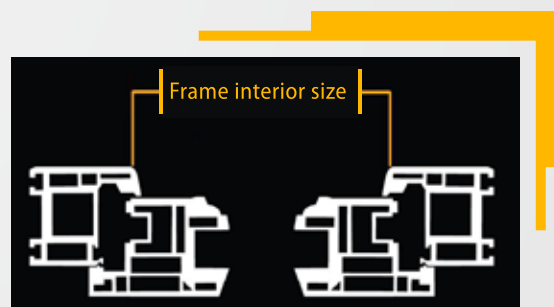
EXTERNAL MEASUREMENT SYSTEMS

Tuba Deluxe Sliding

PL 28 (Single, Reversible, Double)

PL 17 (Single, Reversible, Double)

Ege 40 roller (Vertical, Double Horizontal)



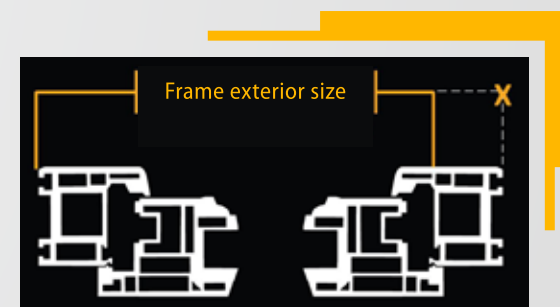
INTERNAL MEASUREMENT SYSTEMS

Inboard fixed deluxe

Inboard PL 17

Inboard Ida 40 roller

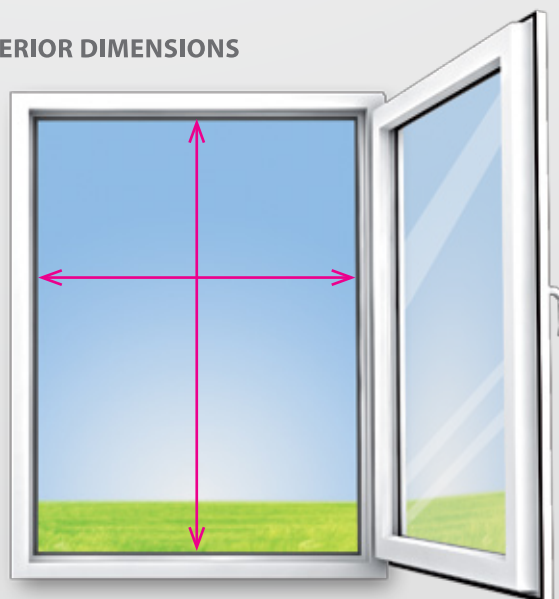
Ida 40 roller (Frameless)



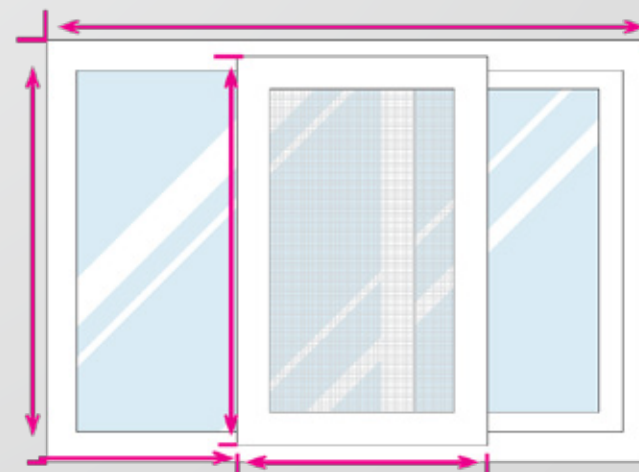
EXTERNAL MEASUREMENT SYSTEMS

Ege 40 roller horizontal

THE INTERIOR DIMENSIONS



TAKE MEASUREMENT OF SLIDING SYSTEM





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