

PVC Window & Door Hardware / Accessories

مصنع
الاختصاصي
لليوبي في سي
SPC FACTORY

ابواب ، شبابيك | DOORS & WINDOWS





مصنع
الاختصاصي
لليو بي في سي
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Colour chart

Roto Samba



R01.1 Silver, anodised



R01.3 Titanium, anodised



R03.1 Brass, matt, anodised



R04.1 Grey brown, powder-coated



R05.5 Bronze, anodised



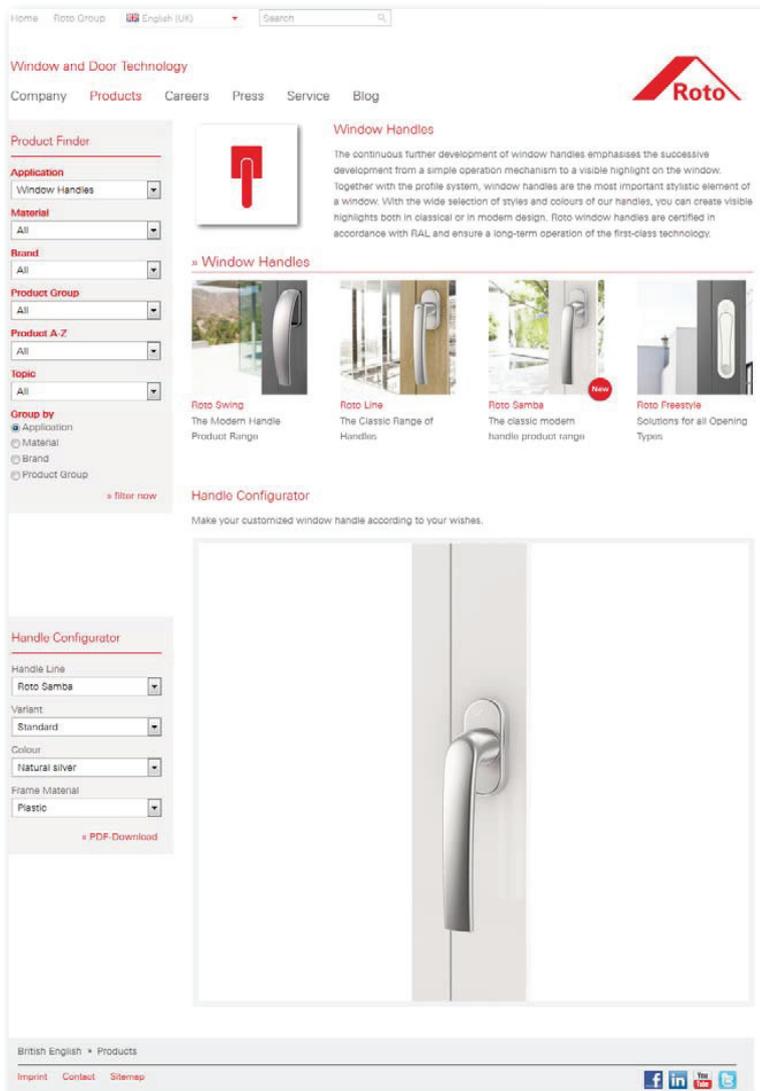
R07.2 Traffic white, powder-coated

General information Handle configurator

Finding the perfect handle for each individual decorating style, with just a few clicks. The Roto handle configurator offers this to consulting window fabricators and their customers. The online service has already been extremely successful in the German and English versions and is now available in the languages, French, Hungarian, Polish, Dutch, Spanish and Rumanian.

To immediately display the suitable version on a screen or to Smartphone, just four specifications must be made. After selecting the required handle series, so for example, the Roto Samba, the available versions (lockable, with push-button etc.), the handle colour and the material of the window frame can be set.

With four clicks to your desired design element:
The successful Roto handle configurator is currently available in eight languages.



The direct way to the handle configurator.

General information

Tilt-First feature

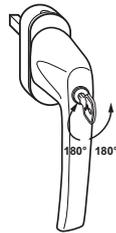
Locking and unlocking

The key locks or unlocks the handle.

If the handle is unlocked, it can be moved freely.

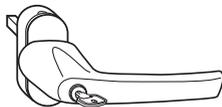
Lock: Turn the key 180° counterclockwise.

Unlock: Turn the key 180° clockwise.



Tilt:

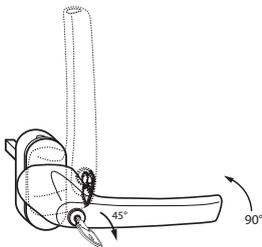
Turn the unlocked handle 90° (tilt-mode = horizontal), in order to tilt the window. Without the key, the handle cannot be turned and brought into the turn mode (vertical).



Turn:

Precondition: The handle is in the tilt-mode (horizontal) when the window is closed. Turn the key 45° and hold; simultaneously turn the handle 90° and bring the handle into the turn-mode (vertical).

Tilt-First handles should only be operated when the window is closed.





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Folding System

Fornax Folding System

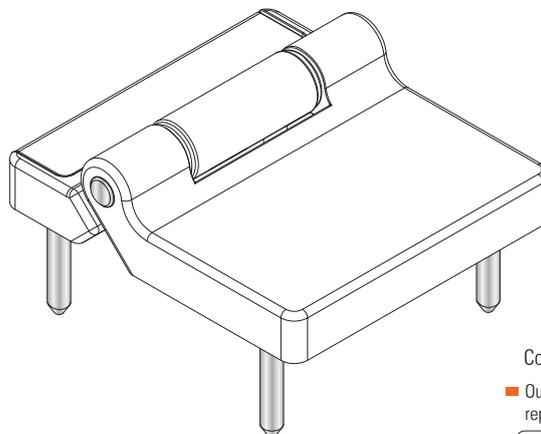
Specifications

- Concealed central locking system for one-hand-operation
- Optional top or bottom running door elements
- Inward or outward opening
- Silver and Black anodised roller tracks and guide tracks
- Coloured cover strips
- Powder-coated hinges and support brackets
- Tilt&Turn or Turn-Only sash as the access sash
- Retro-adjustable components
- Corrosion resistance 480 hour
- Tested according to DIN EN 13126-15 standart
- Aluminium track has brush pile seal



Fornax security components

Folding Hinge Set 20/40 Axis



Color Options (for Cover and profile slats)

■ Our Standart Colors for other colors please ask your sales representative

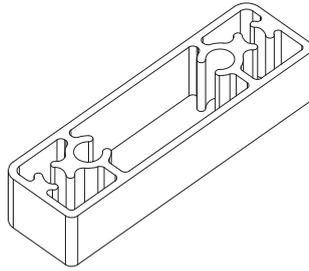
Ral-9016

Ral-8022

Ral-9006

Code	Product Details			Pcs.
141.005.001.001	Folding Hinge Set 20/40 Axis	-	-	1 pc.
141.005.002.001	Folding Hinge Set 20/40 Axis with long pin : 60mm	-	-	1 pc.
141.005.003.001	Folding Hinge Set 20/50 Axis	-	-	1 pc.
141.005.004.001	Folding Hinge Set 30/50 Axis	-	-	1 pc.

Packers frame hinge-bearing



Color Options (for Cover and profile slats)

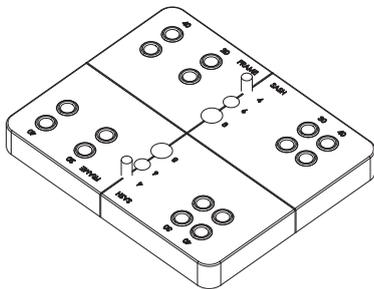
■ Our Standart Colors for other colors please ask your sales representative

Ral-9016

Ral-8022

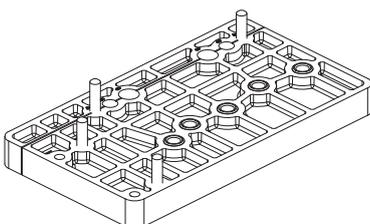
Ral-9006

Code	Product Details	Pcs.
141.008.001.001	Packers frame hinge-bearing 16 mm	1 pc.
141.008.001.001	Packers frame hinge-bearing 17 mm	1 pc.
141.008.001.001	Packers frame hinge-bearing 18 mm	1 pc.
141.008.001.001	Packers frame hinge-bearing 19 mm	1 pc.



Fornax Folding System Jig Details
Hinge Jig

Code	Product Details	Pcs.
141.006.001.001	Folding system Hinge Jig	1 pc.



Fornax Folding System Jig Details
Support Bracket Jig

Code	Product Details	Pcs.
141.007.001.001	Folding system Support Bracket Jig	1 pc.



PvcMotion Pvc Window & Door Hardwares



PVC

OUTWARDING FRICTION STAY

AS - 499



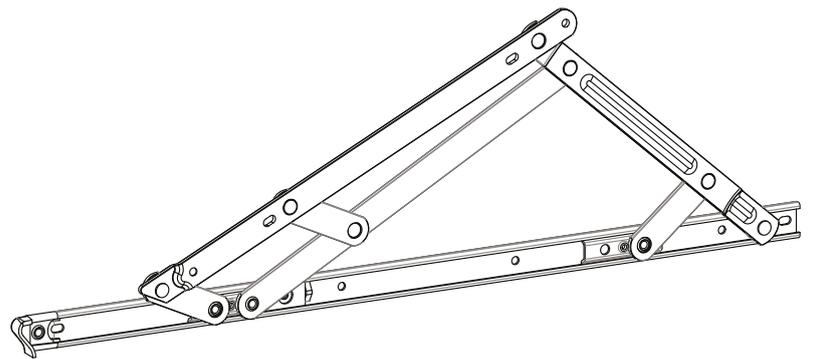
Curtain Wall

The item is used for outward opening PVC windows. Our friction stays are made of stainless steel.

The outward opening window and the multipoint stay arm are installed to the frame. Both parts carry out the opening movement of the opening angle of the window and the opening of the sash up to a certain angle.

As a result the stay arm hinges and hinges provide the continuous movement and the visibility of the sash.

The stay arm type varies according to the weight, height and width of the sash.



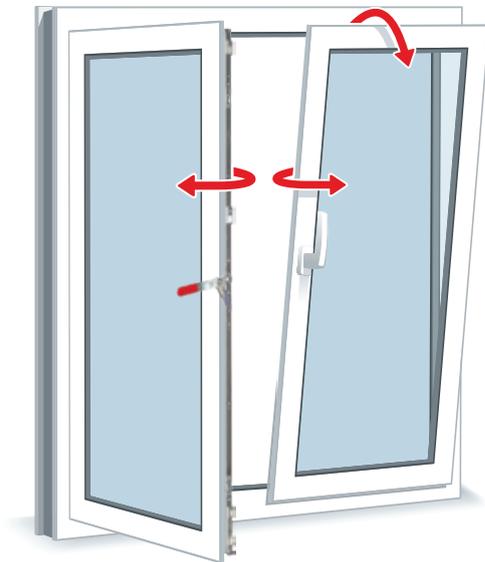
Outwarding friction stay

- KG - Sash Width
- KY - Sash Height
- TK.kg^{max} - Carrying Capacity
- GT - BodyType..... Stainless Steel
- Pins..... Stainless Steel

PVC

TILT & TURN / DOUBLE SASH

PTS-188



Technical Specifications

- Sash Width.....: 400mm - 1600*mm
- Sash Height.....: 480mm - 2400 mm
- Sash Weight.....: Max. 100 Kg

Color Options

- Our Standart Colors
- For other colors please ask your sales representative



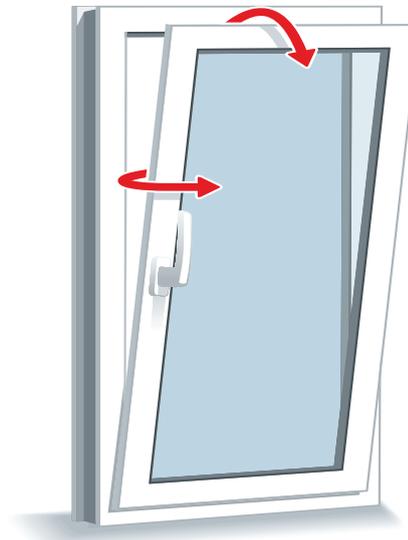
Our Advantages

- Our system is suitable for Fixed Handle (FH) application.
- Carrying capacity is ideally suitable for tilt & turn, turn only and tilt only windows up to 100 kg. of sashes
- Saves time in installation.
- Our system has two type of hinge options including clipped and corner connection.
- Micro Ventilated Corner Transmission is available in our product portfolio.

PVC

TILT & TURN HARDWARES

PTS-185



Technical Specifications

- Sash Width.....: 400mm - 1600*mm
- Sash Height.....: 480mm - 2400 mm
- Sash Weight.....: Max. 100 Kg

Color Options

- Our Standart Colors
- For other colors please ask your sales representative



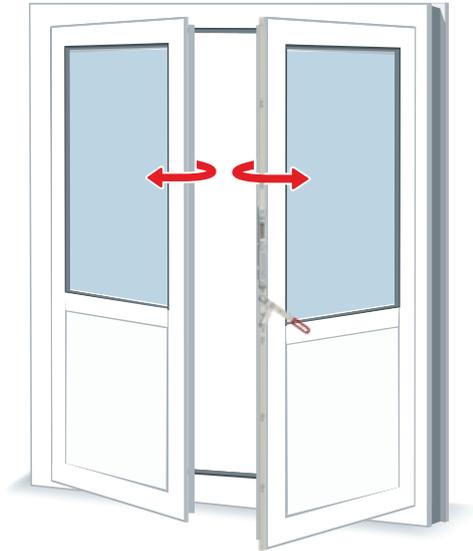
Our Advantages

- Our system is suitable for Fixed Handle (FH) application.
- Carrying capacity is ideally suitable for tilt & turn, turn only and tilt only windows up to 100 kg. of sashes
- Saves time in installation.
- Our system has two type of hinge options including clipped and corner connection.
- Micro Ventilated Corner Transmission is available in our product portfolio.

PVC

DOUBLE SASH FOR DOOR

PTS-188



Technical Specifications

- Sash Width.....: 400mm - 1600*mm
- Sash Height.....: 480mm - 2400 mm
- Sash Weight.....: Max. 100 Kg

Color Options

- Our Standart Colors
- For other colors please ask your sales representative



Our Advantages

- Our system is suitable for Fixed Handle (FH) application.
- Carrying capacity is ideally suitable for tilt & turn, turn only and tilt only windows up to 100 kg. of sashes
- Saves time in installation.
- Our system has two type of hinge options including clipped and corner connection.
- Micro Ventilated Corner Transmission is available in our product portfolio.

PVC

FOLDING SYSTEMS

140A



Fornax Folding System
Order Details

- Concealed central locking system for one-hand-operation
- Optional top or bottom running door elements
- Inward or outward opening
- Silver and Black anodised roller tracks and guide track
- Coloured cover strips
- Powder-coated hinges and support brackets
- Tilt&Turn or Turn-Only sash as the access sash
- Retro-adjustable components
- Corrosion resistance 480 hours
- Tested according to DIN EN 13126-15 standard
- Aluminium track has brush pile seal

Fornax security components

Technical Specification

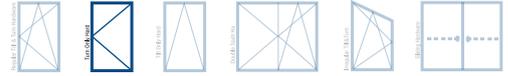
- Sash rebate width SRW.: 450 mm – max. 1200 mm
- Sash rebate width SRW.: 450 mm – max. 900 mm (folding sash)
- Sash rebate height SRH.: 600 mm – max. 2400 mm
- Sash weight S.kg :. max. 100 kg (for bottom-running version)
- Sash weight S.kg :. max. 80 kg (for top-running version)
- Roller track length :. max. 6m

Color Options

- Our standard color are as mentioned below.
- For other colors please contact your sales representative.



Fornax PvcMotion
Turn-only espagnolette hardware



Open up to the World with a Turn only.

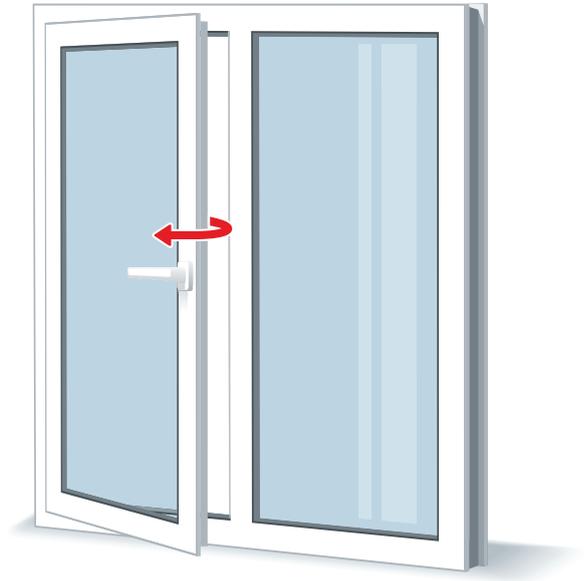
With various espagnolette combinations; the system can realize its function with maximum efficiency for sashes up to 100 kg.

The Fornax BSS hardware, manufactured from specially reinforced material, provides an aesthetic appearance and functionality with their easy action and handle variety.

Fornax BSS hardware, which provides a lockable espagnolette option and various pin options for different security levels; has a resistance against oxidation with the superior coating technology of YelkenCoat that enables the usage of our products for long years without any problem.

Our Advantages;

- Various espagnolette axis options that enable compatibility for all profile types.
- Carrying capacity up to maximum 100 kg.
- Maximum resistance against corrosion with superior YelkenCoat coating.



Hardware Technical Details

- Sash Width: 500mm - 1600mm
- Sash Height.....: 400mm - 2100mm
- Sash Weight.....: Max. 100 Kg



Fornax PvcSecure Door Lock Hardware

Efficiency, Security & Quality

We as Fornax, give a lot of importance to energy efficiency and aim to provide thermal insulation in all our designs.

Our PVC multipoint door locks have been manufactured with this idea. our product has been developed as a solution for doors used mainly for thermal insulation. Our products assist in providing energy efficiency by preventing the indoor to be affected by outdoor conditions by maintaining maximum washer pressure with enabling multipoint locking. The multipoint locking system also provides a higher security than the standard single point locking systems.

The single point locking type Fornax mortice locks are rather preferred in outdoor entrances where thermal insulation is not important. These type of locks are mainly preferred in apartment entrance doors, schools, hospitals, markets and indoor office doors.

Our Advantages

- Multipoint door locks and mortice locks that provide multipoint locking and single point locking options.
- Steel body mortice locks that provide a silent action.
- Roller type latch option for outdoor entrances.





Fornax PvcSlide BSS Simple Sliding Hardwares

Simple and Useful

Simple Sliding profiles are functional for providing a wide are for passage between places and for having a wide view angle. They are also practical for their availability for usage in more than one opening sash.

The Fornax BSS Series simple sliding hardware; designed especially for these types of profiles, provide a maximum efficiency in functionality up to 100 kg with their various sliding rollers and espagnolettes.

The Fornax BSS hardware, manufactured from specially reinforced material, provides an aesthetic appearance and functionality with their easy action and handle variety.

The Fornax BSS Series is compatible with all simple sliding profiles with its variety in espagnolettes axis options; thus presenting an easy fast and faultless installation possibilities.

Fornax BSS hardware, which provides a lockable espagnolette option and various pin options for different security levels; has a resistance against oxidation with the superiors coating technology of YelkenCoat that enables the usage of our products for long years without any problem.

Our Advantages

- Various espagnolette axis options that enable compatibility for all profile types.
- Various sliding roller options that enable to increase the carrying capacity up to 100 kg.
- Maximum resistance against corrosion with superior YelkenCoat coating.



Hardware Technical Details

- Sash Width: 500mm - 1600mm
- Sash Height.....: 400mm - 2100mm
- Sash Weight.....: Max. 100 Kg



Fornax PvcMotion
Pvc Window & Door Hardwares

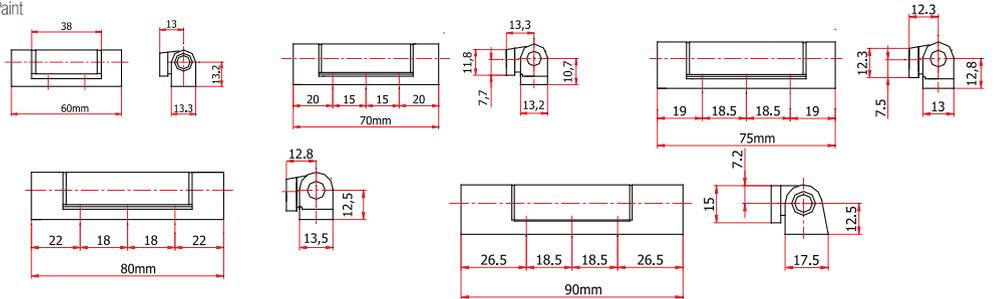


Window Hinges

Carrying Capacity^{max} : max. 90 kg
 Body Type : Zamac Gearbox
 Surface Coating : Electrostatic Powder Paint

Order Details

60mm	130.060.001.000
70mm	130.070.001.000
75mm	130.075.001.000
80mm	130.080.001.000
90mm	130.090.001.000

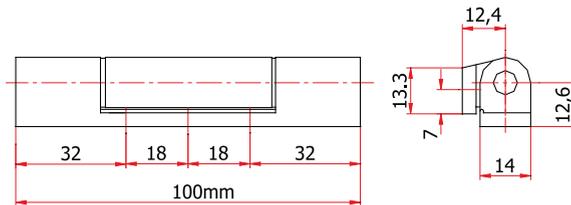


Door Hinges

Carrying Capacity^{max} : max. 90 kg
 Body Type : Zamac Gearbox
 Surface Coating : Electrostatic Powder Paint

Order Details

60mm	130.100.001.000
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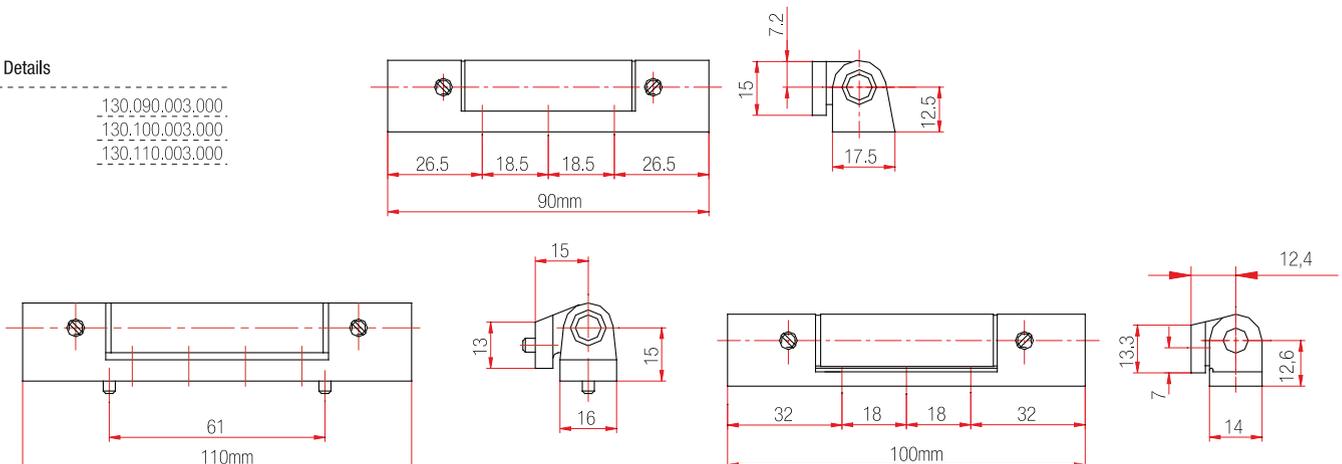


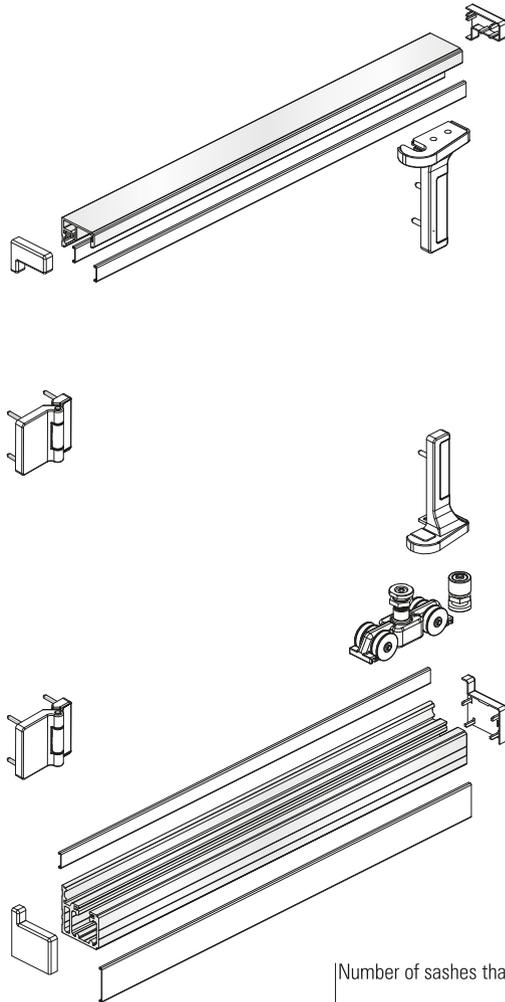
Outwarding Door Hinges

Carrying Capacity^{max} : max. 90 kg
 Body Type : Zamac Gearbox
 Surface Coating : Electrostatic Powder Paint

Order Details

90mm	130.090.003.000
100mm	130.100.003.000
110mm	130.110.003.000





431

Number of sashes that open to the left

Sample order for schema 431

Total number of sashes

Number of sashes that open to the right

TECHNICAL PICTURE	CODE	PART NAME	LENGHT / AXE	COLOUR VARIANT			FOLDING SCHEMA- MIN. QUANTITY												
				WHITE RAL-9016	BLACK RAL-8022	SILVER RAL-9006	321	330	431	532	541	550	633	651	743	761	770		
	141.001.001.001	Bogie set					1	1	1	2	2	2	2	2	3	3	3		
	141.002.001.001	Support bracket Accessories (upvc&timber)		✓	✓	✓	1	1	1	2	2	2	2	2	3	3	3		
	141.003.003.001	Folding 3 m Track set	1 - 3000				1	1	1	1	1	1	1	1	1	1	1		
	141.003.004.001	Folding 4 m Track set	3001 - 4000	✓	✓	✓	1	1	1	1	1	1	1	1	1	1	1		
	141.003.005.001	Folding 5 m Track set	4001 - 5000				1	1	1	1	1	1	1	1	1	1	1		
	141.003.006.001	Folding 6 m Track set	5001 - 6000				1	1	1	1	1	1	1	1	1	1	1		
	141.004.001.001	Set Sash Retaining Device		✓	✓	✓	1	2	2	3	2	2	4	2	4	2	2		
	141.005.001.001 141.005.003.001 141.005.004.001	Folding Hinge Set Folding Hinge Set Folding Hinge Set	20/40 20/50 30/50	✓	✓	✓	3	6	6	9	9	12	12	12	15	15	18		

Accessories

	141.006.001.001	Folding system Hinge Jig															
	141.007.001.001	Folding system Support Bracket Jig															
	141.008.001.001	Packers frame hinge-bearing	16mm														
	141.008.002.001	Packers frame hinge-bearing	17mm														
	141.008.003.001	Packers frame hinge-bearing	18mm	✓	✓	✓											
	141.008.004.001	Packers frame hinge-bearing	19mm														
	141.009.001.001	Packers support bracket (for aluminium)	7 mm	✓	✓	✓	2	2	2	4	4	4	4	4	6	6	6



FOLDING SYSTEMS

140A



Fornax Folding System
Order Details

- Concealed central locking system for one-hand-operation
- Optional top or bottom running door elements
- Inward or outward opening
- Silver and Black anodised roller tracks and guide tracks
- Coloured cover strips
- Powder-coated hinges and support brackets

- Tilt&Turn or Turn-Only sash as the access sash
- Retro-adjustable components
- Corrosion resistance 480 hours
- Tested according to DIN EN 13126-15 standard
- Aluminium track has brush pile seal

Fornax security components

Technical Specification

- Sash rebate width SRW.: 450 mm – max. 1200 mm
- Sash rebate width SRW.: 450 mm – max. 900 mm (folding sash)
- Sash rebate height SRH.: 600 mm – max. 2400 mm
- Sash weight S.kg : max. 100 kg (for bottom-running version)
- Sash weight S.kg : max. 80 kg (for top-running version)
- Roller track length : max. 6m

Color Options

- Our standard color are as mentioned below.
For other colors please contact your sales representative.

Ral-9016

Ral-9005

Ral-9006

PVC
WINDOWS & DOOR HINGES
3D ADJUSTABLE DOOR HINGES

3D Adjustable Hinges

Carrying Capacity^{max} : max. 85 kg / 125 kg
 Body Type : Zamac Gearbox
 Surface Coating : Electrostatic Powder Paint
 Pins : Stainless Pin Option
 Adjust Option : 3D Adjust Mechanism



Order Details

Type	
85 Kg	130.085.018.000
85 Kg Stainless Pin	130.085.019.000
125 Kg	130.125.018.000
125 Kg Stainless Pin	130.125.019.000



3D Adjustable Hinge (Aluminium)

Carrying Capacity^{max} : max. 125 kg
 Body Type : Aluminium Gearbox
 Surface Coating : Electrostatic Powder Paint
 Pins : Stainless Pin Option
 Adjust Option : 3D Adjust Mechanism



Order Details

Type	
125 Kg	130.125.001.000



3D Adjustable Hinge

Carrying Capacity^{max} : max. 160 kg
 Body Type : Zamac Gearbox
 Surface Coating : Electrostatic Powder Paint
 Pins : Stainless Pin Option
 Adjust Option : 3D Adjust Mechanism

Order Details

Type	
160 Kg	130.160.001.000



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