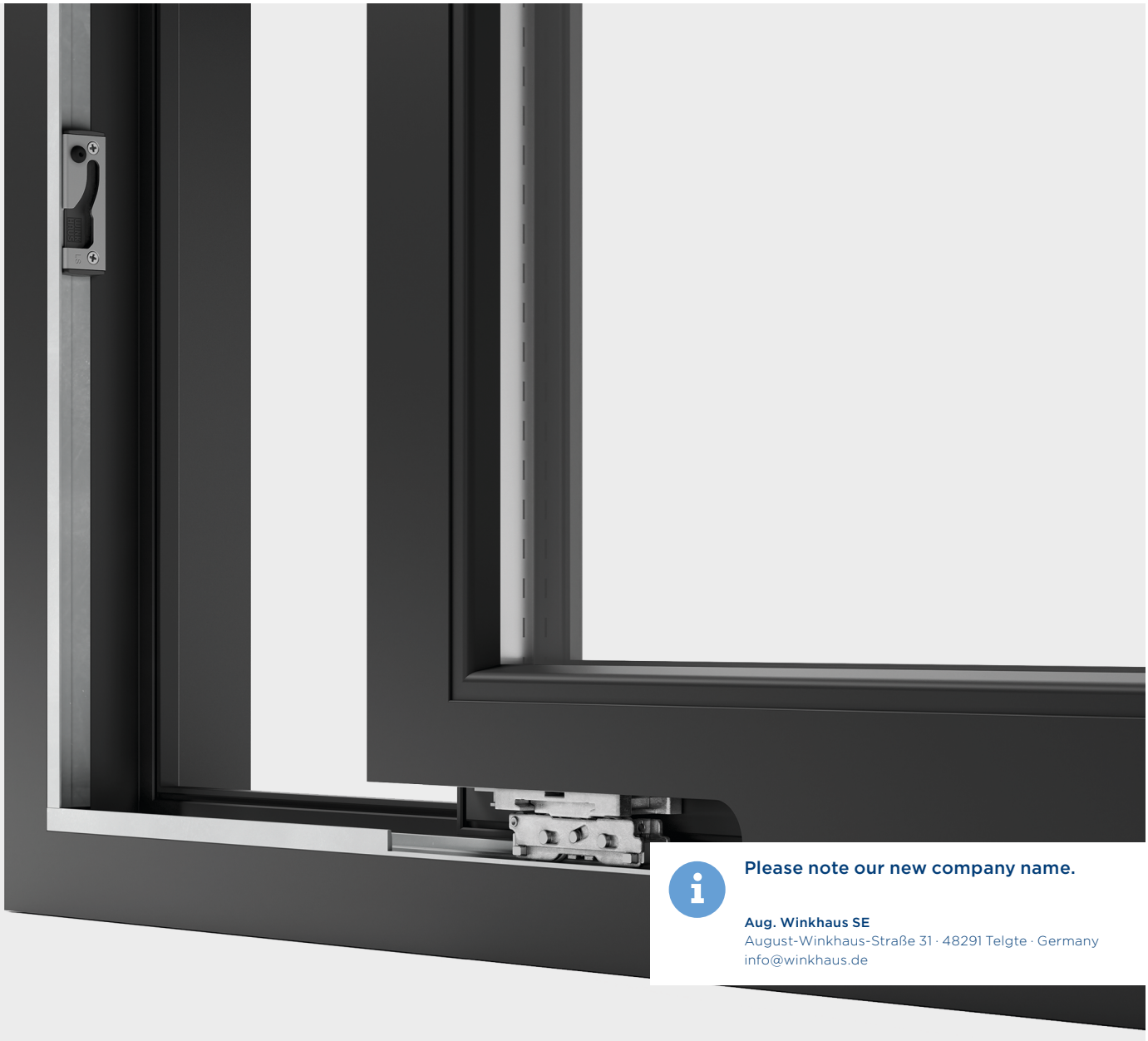
Product Catalogue
for window manufacturers, fittings and components dealers
07/2024 EN
PVC-U

primePort AS

The retract-slide fitting system.



Please note our new company name.

Aug. Winkhaus SE
August-Winkhaus-Straße 31 · 48291 Telgte · Germany
info@winkhaus.de

winkhaus.com

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General Information

Supplementary range primePort

This product catalogue is intended to provide you with information about the primePort product range. It complements our extensive product portfolio of the fitting system for activPilot. The standard components of the primePort fitting system are included in the activPilot Concept product catalogue.

Manufacturer and contact

Publisher and source

Manufacturer and contact details

The manufacturer and contact details can be found on the back of this manual.

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Other applicable documents

Introduction

Further documents and documentation apply in connection with this product catalogue. These are listed below.

General terms and conditions of business

All our deliveries, performances and offers are made exclusively on the basis of these General Terms and Conditions of Business and Delivery (GTC). You can find the current General Terms and Conditions on the Winkhaus homepage at the following hyperlink:
General Terms and Conditions

https://www.winkhaus.com/**de**/agb *
*= alternative to /**de**/ is to be navigated to the respective country page for each location.

The Winkhaus Portal

The Winkhaus Portal – versatile and practical: Our market partners can find a wide range of services with media downloads, product configurators, order management tools and much more in the Winkhaus Portal.

After entering a Winkhaus article number or designation, a data sheet download can be started. For example, relevant dimensions for assembly such as screw dimensions and positions or routing dimensions can be found here.

For the specific articles a multi-page data sheet is available in several languages:

- For download in Winkhaus Partner Portal or on request
https://partnerportal.winkhaus.com/winkhaus/**de**/EUR/ *

*= as an alternative to/**de**/ is to be navigated to the respective country page for each location.

Guidelines of Gütegemeinschaft Schlösser und Beschläge e.V.

Gütegemeinschaft Schlösser und Beschläge e.V. publishes guidelines that provide assistance in the application of locks and hardware in windows, balcony doors and doors.

Guidelines of Gütegemeinschaft Schlösser und Beschläge e.V.
https://www.guetegemeinschaft-schloss-beschlag.de/Pruefen-Zertifizieren/Richtlinien/

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The following guidelines also apply:

VHBH guideline

The guideline **Guidelines/advice on the product and on liability (VHBH)** can be accessed via the following hyperlink:
Hardware for windows and balcony doors – Guidelines/advice on the product and on liability (VHBH)
https://www.guetegemeinschaft-schloss-beschlag.de/Pruefen-Zertifizieren/Richtlinien/VHBH/

VHBE guideline

The guideline **Guidelines/advice for end users (VHBE)** can be accessed via the following hyperlink:
Hardware for windows and balcony doors – Guidelines/advice for end users (VHBE)
https://www.guetegemeinschaft-schloss-beschlag.de/Pruefen-Zertifizieren/Richtlinien/VHBE/

Verband Fenster + Fassade (Association of Window and Facade Manufacturers, Frankfurt)

Plenty of information (e.g. guidelines and data sheets) is available on the following website as a reliable source of information for manufacturers, architects, planners and builders:

Verband Fenster + Fassade
https://www.window.de/windowde/fensterverbaende/

Other guidelines and standards

- The specifications of the profile manufacturers (application sizes, manufacturing specifications and processing guidelines) must be observed.
- Specifications and information of the fitting screw manufacturers
- Relevant European standards or parts thereof

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Winkhaus guarantees high quality.

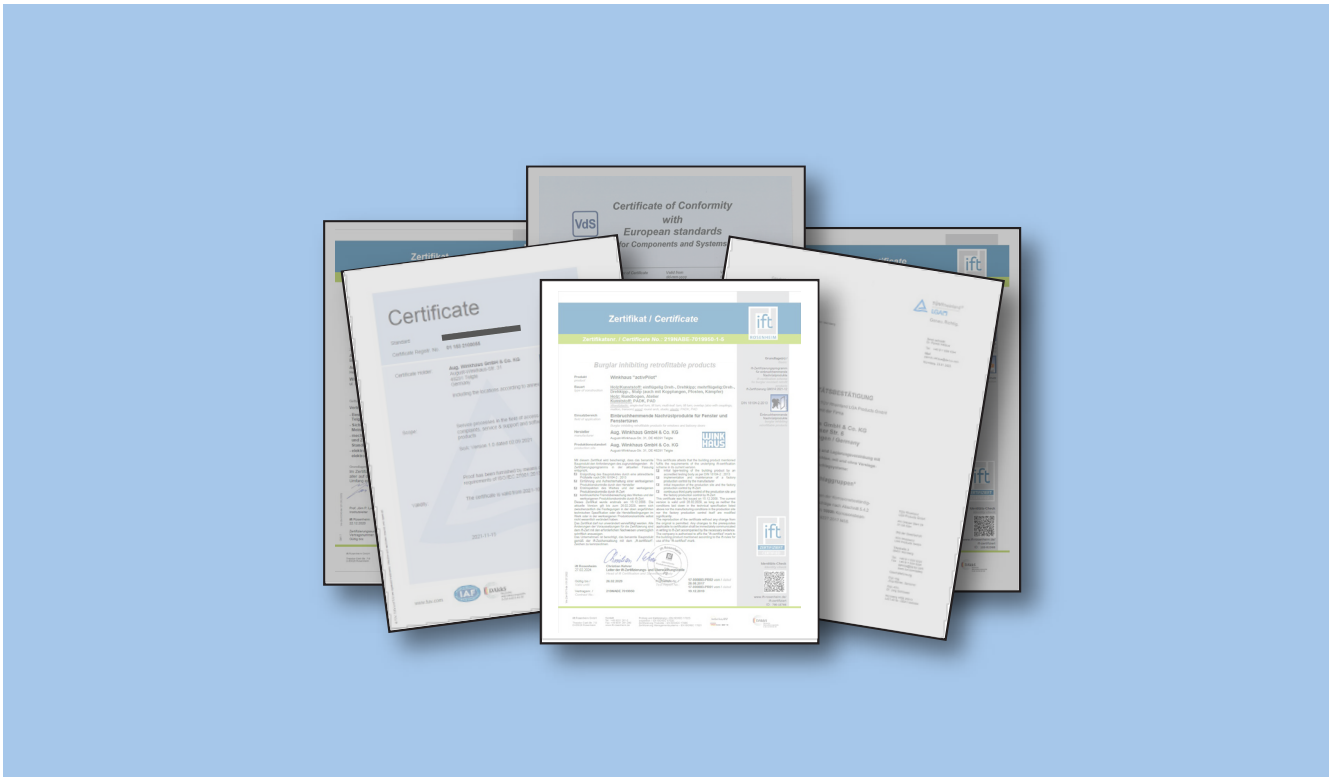
Quality Standards

Winkhaus offers impressively innovative products and competent services. High quality is the hallmark of the user-friendly window technology, the convenient door locking systems and the intelligent access control systems.

Winkhaus certification process

The Winkhaus group successfully passed a group certification of production sites according to DIN EN ISO 9001:2015 / DIN EN ISO 50001:2011. The group certification ensures that we use the same criteria and procedures in all Winkhaus subsidiaries and thus we can always offer consistent quality for our customers.

Winkhaus ensures the high product quality with continuous internal monitoring. We also have our products and products monitored regularly by independent testing institutions. Consistent quality management ensures the high quality level of our products in the long term.



Certificates on the Winkhaus homepage

Filtering certificates and test certificates

Information on the high-quality system solutions for windows and doors as well as modern access control is available on the Winkhaus homepage under **Technical Downloads**.

Under the navigation button **Medium**, the filter setting **Certificates and test certificates** can be used to access the corresponding media directly.

- Download Technical Downloads

https://www.winkhaus.com/de/Technische-Downloads/ **= alternative to /**de**/ is to be navigated to the respective country page for each location.

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Packing key in the Winkhaus logistics system

The shipping units were chosen in a way that our products can be handled without any problems at your works, ranging from cardboard packaging to complete pallet units. For instance, we provide KLTs (small load carriers) in different sizes which are eco-friendly and facilitate logistics. The reusable packaging units, which can be stacked on a europallet, have a bar code and enable optimal stock organisation and easy transport to the relevant workstations. The packaging used for the products in question can be found on the corresponding product pages.

BL BL Goods packed in PE bags with bar code

KT KT Goods packed in cardboard boxes with bar code

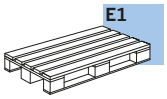
BD BD Tied goods with barcode

K3 K3 Small cardboard box with bar code Dim.: 395 x 295 x 205 mm

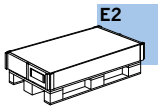
K4 K4 Big cardboard box with bar code Dim: 595 x 395 x 205 mm

KK KK Small KLT 4321 Dim: 400 x 300 x 214 mm with cover, bar code, sealed, stackable

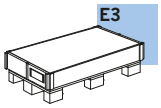
GK GK Big KLT 6412 Dim: 600 x 400 x 214 mm with cover, bar code, sealed, stackable



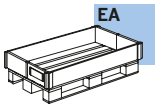
E1 E1 europallet with KLT Pallet size 800 x 1,200 mm



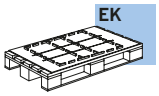
E2 E2 europallet with cover box and bar code Pallet size 800 x 1,200 mm



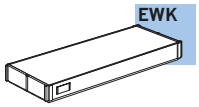
E3 E3 One-way pallet with cover box and bar code



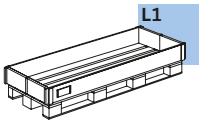
EA EA Europallet with frame and bar code Pallet size 800 x 1,200 mm



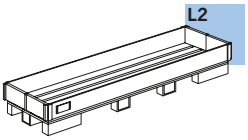
EK EK Europallet with KLT and fixing plate (avoids shifting of goods) Pallet size 800 x 1,200 mm



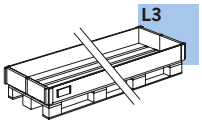
EWK EWK Disposable cardboard box E3, L6 or L7



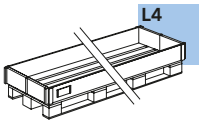
L1 L1 Reusable pallet for long goods with frame and bar code Pallet size 800 x 1,800 mm



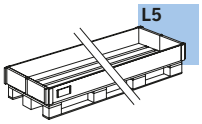
L2 L2 Reusable pallet II for long goods with frame and bar code Pallet size 800 x 2,400 mm



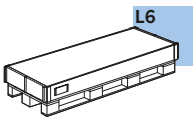
L3 L3 Reusable pallet III for long goods with frame and bar code Pallet size 800 x 3,500 mm



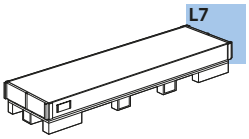
L4 L4 Reusable pallet IV for long goods with frame and bar code Pallet size 800 x 4,200 mm



L5 L5 Reusable pallet V for long goods with frame and bar code Pallet size 800 x 6,500 mm



L6 L6 One-way pallet with cover box for long goods with bar code Pallet size 800 x 1,800 mm



L7 L7 One-way pallet with cover box for long goods with bar code Pallet size 800 x 2,400 mm

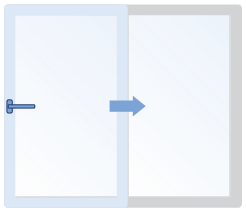
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Design variants (schematic)

Two-panel element

Schematic A

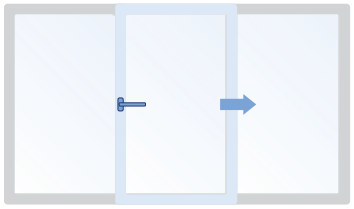
1 sliding sash (left or right), glazed frame:



Three-panel element

Schematic G

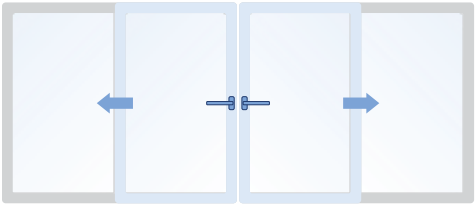
1 sliding sash (left or right), glazed frame:



Four-panel element

Schematic C

2 sliding sashes (left and right), glazed frame:
(also for elements without fixed window posts)



Three-panel element

Schematic K

2 sliding sashes (left and right), glazed frame:



Determination of the opening direction for sliding elements in accordance with DIN EN 12519

The opening direction is determined from the inside.
When looking at a closed, *"right opening"* sash, it is a "left sash".

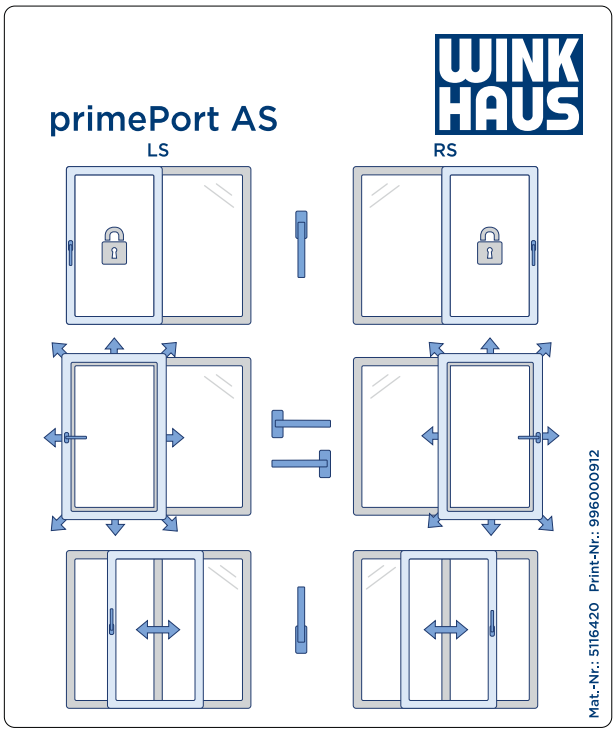
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User information/operating instructions

primePort AS

An instruction sticker for operating the retract-slide element can be ordered separately. It is to be positioned on the window glass within easy reach of the end user. Further information on ordering is available from your Winkhaus contact person.



1 Product characteristics

primePort AS 200

Sash rebate width	510-2000 mm
Sash rebate height	510-2700 mm
Maximum sash weight	200 kg
Bogie design	Standard bogie with 2 rollers each
Opening width	8 mm
Design variants	Schematic A and C

primePort AS 250

Sash rebate width	510-2000 mm
Sash rebate height	510-2700 mm
Maximum sash weight	250 kg
Bogie design	Standard bogie with 4 rollers each
Opening width	8 mm
Design variants	Schematic A and C

Other product features

- Resistance to wind load: C5 (3000 pa)
- Seal against driving rain: A9
- Air permeability: class 4
- Corrosion class 5 (480 h)
- Burglary protection: RC2
- Secured ventilating position (handle position at 90°)

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Notes on the use of application diagrams

Please check:

- Are window dimensions within the range highlighted in grey?
- Is the intersection point to be determined located to the left of the limiting curve of the glass weight?

Example

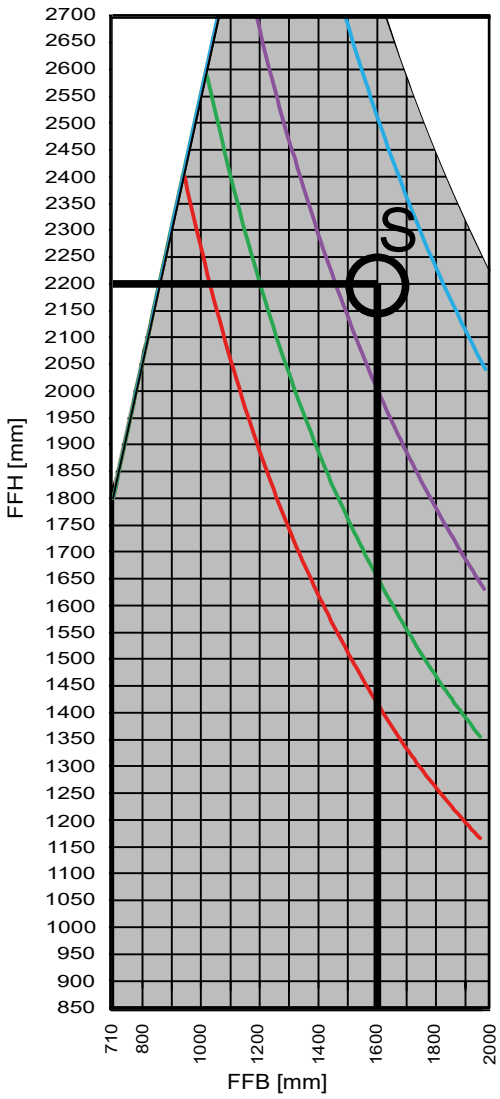
- Sash rebate width [FFB] = 1600 mm
- Sash rebate height [FFH] = 2200 mm
- Glass weight [GG] = 40 kg/m² (corresponds to the cyan curve)

The intersection point “S” is located in the area highlighted in grey and to the left of the light blue limiting curve of the filling weight (GG = 40 kg/m²), i. e. in the permitted area.

General guidelines for using Winkhaus application diagrams

On the establishment of application diagrams, the following values were considered:

- Glass weight GG ~ 2.5 kg/m² per mm of glass thickness
- Profile weight ~ 3.25 kg/RM



Abbreviations

- FFB = Sash rebate width [mm]
- FFH = Sash rebate height [mm]
- GG = Glass weight per square metre [kg/m²]

Impermissible range of application

Permissible range of application

1

Application diagram for ascertaining the admissible sash sizes

Limitation of the sash formats for different glass thicknesses

Type of fittings
- **primePort AS 200**

Opening mode
- Retract-slide fittings

Profile material
- PVC-U

Sash weight
- ≤ 200 kg

Basis for testing
- according to ift certification program QM 347

  Testing according to EN 13126-17

  – Class H3 (20,000 cycles)

Calculation basis:
- Values to be observed

  – Maximum height/width ratio (aspect ratio FFB: FFH) ≤ 2:1

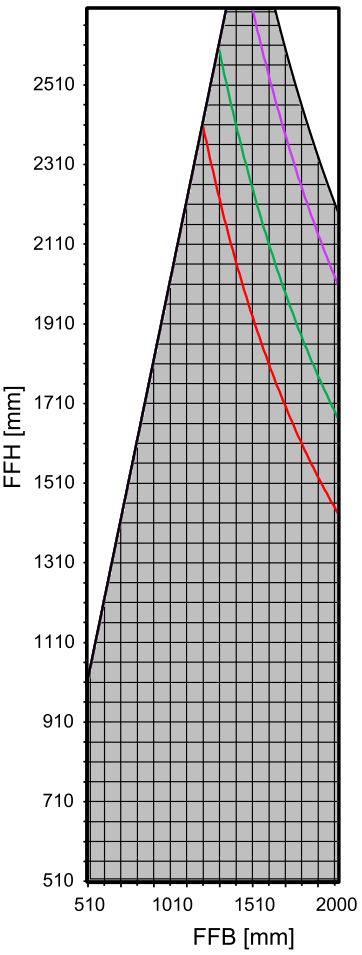
Application range
- Sash dimensions

  – Sash rebate width [FFB] 510-2000 mm
  – Sash rebate height [FFH] 510-2700 mm

  Special instructions

  – The information in the application diagram refers to the glass weight [GG] in kg/m² (1 mm/m² glass thickness = 2.5 kg)

Observe instructions on window profile!
- You must specifically take into account information provided by the profile manufacturer or system owner when determining the maximum sash sizes and sash weights!



Curve line colour	Glass weight
red	70 kg/m²
green	60 kg/m²
purple	50 kg/m²

Impermissible range of application

Permissible range of application

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Application diagram for ascertaining the admissible sash sizes

Limitation of the sash formats for different glass thicknesses

Type of fittings
- **primePort AS 250**

Opening mode
- Retract-slide fittings

Profile material
- PVC-U

Sash weight
- ≤ 250 kg

Basis for testing
- according to ift certification program QM 347

  Testing according to EN 13126-17

  – Class H3 (20,000 cycles)

Calculation basis:
- Values to be observed

  – Maximum height/width ratio (aspect ratio FFB: FFH ≤ 2:1

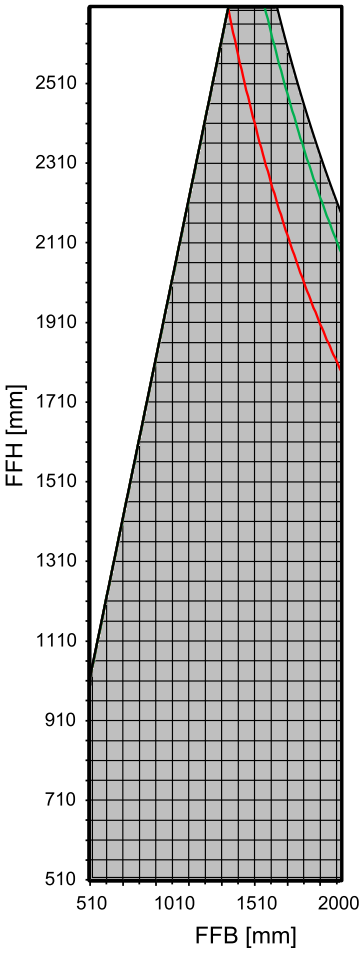
Application range
- Sash dimensions

  – Sash rebate width [FFB] 510-2000 mm
  – Sash rebate height [FFH] 510-2700 mm

  Special instructions

  – The information in the application diagram refers to the glass weight [GG] in kg/m² (1 mm/m² glass thickness = 2,5 kg)

Observe instructions on window profile!
- You must specifically take into account information provided by the profile manufacturer or system owner when determining the maximum sash sizes and sash weights!



Curve line colour	Glass weight
red	70 kg/m²
green	60 kg/m²

Impermissible range of application

Permissible range of application

1 Lists of Fittings

Explanation of abbreviations

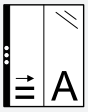
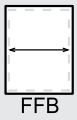
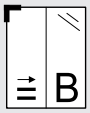
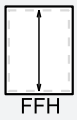
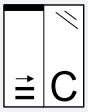
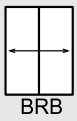
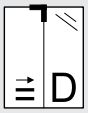
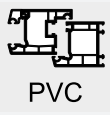
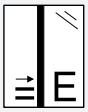
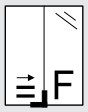
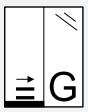
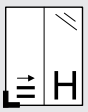
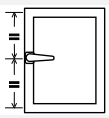
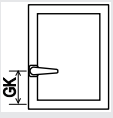
The following abbreviations are used in this manual:

Abbreviation	Designation
AWD	Application diagram
BRB	Window frame width
FFB	Size-dependent fitting parts (in relation to the sash rebate width)
FFH	Size-dependent fitting parts (in relation to the sash rebate height)
GK	Constant handle position (in relation to the sash rebate edge)
GKT	Basic kit
GM	Central handle position (in relation to the sash rebate edge)
K.SB.MST	Cap, keep centre stile
max. x kg	Maximum sash weight
max. x m²	Maximum sash size
R.MST	Deadbolt, centre stile
RF.MST	Bolt guide, centre stile
SB.GS	Keep on drive side
SB.MST	Keep, centre stile
Set V.MS	Set locking device
V.MST	Locking device, centre stile

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Marking of notes and symbols

Technical content or specific information is supplemented in this documentation by various symbols.

Symbol	Usage/meaning	Symbol	Usage/meaning
	Retract-slide fitting element		Fitting part **A** - drive side
	Maximum sash rebate width (FFB)		Fitting part **B** - Corner drive, top, drive side
	Maximum sash rebate height (FFH)		Fitting part **C** - Upper side
	Frame width (BRB)		Fitting part **D** - Corner drive, top, opposite drive side
	Profile material PVC-U		Fitting part **E** - opposite drive side
	Sash weights up to 200 kg		Fitting part **F** - Corner drive, bottom, opposite drive side
	Sash weights up to 250 kg		Fitting part **G** - Bottom side
	Maximum sash size x m^2		Fitting part **H** - Corner drive, bottom, drive side
	Optional fittings		Central handle height
			Constant handle height

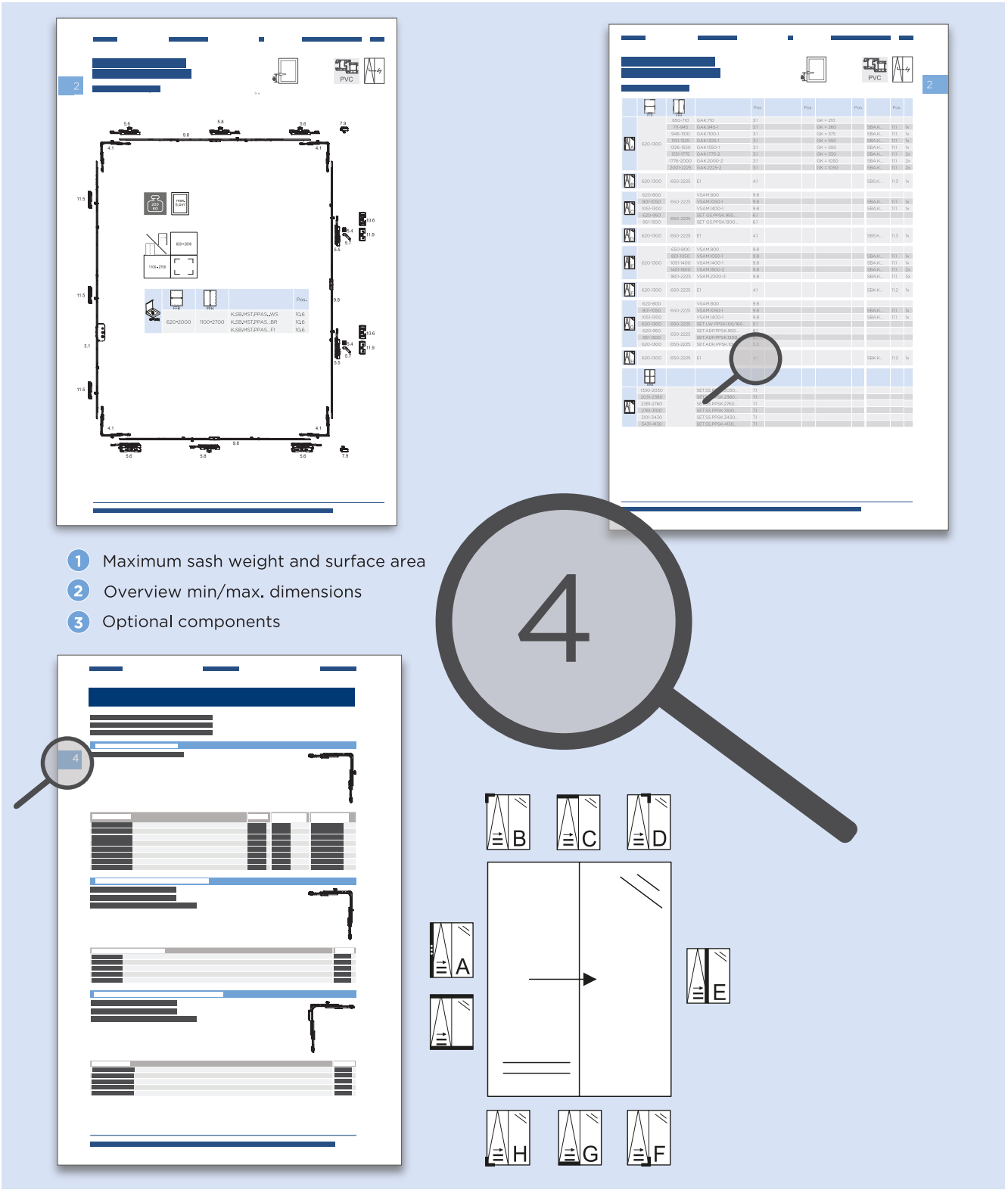
Explanation of fitting lists

2

Fitting assembly instructions - Fitting overview with reference to article lists

The fitting lists consist of two pages each. The first page shows the fitting composition as a graphic illustration whereas the second page includes a possible fitting configuration in the shape of a tabular list.

Our register system allows you to quickly assign the listed component to the position in the fitting overview drawing.



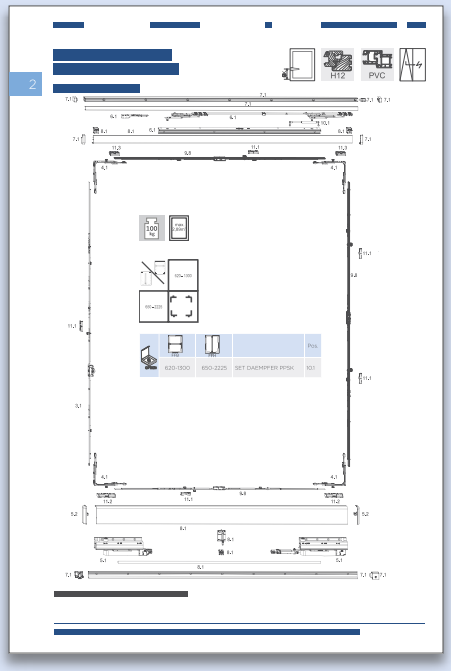
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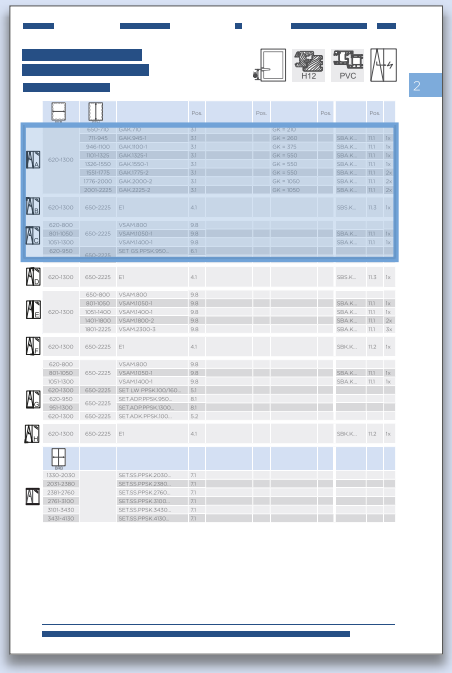
Guide to fitting composition - Table contents

Division of window and door elements into sub-areas

The window or door element is divided into eight sub-areas.
- four corner areas, four side areas

- In order to determine a complete fitting set of a certain sash size, it is necessary to ascertain items from all the sections (1).
- In each subarea (1), the articles to be used (4) and their item numbers (5) can be read, depending on the application area FFB (2) and FFH (3).
- The frame part types (6) are also supplemented with their position number (7) and quantity (8).
- The item numbers (5/7) refer to the position of the component within the fitting overview (page 1).





1	2 FFB	3 FFH	4	5 Pos.	4	5 Pos.	4	5 Pos.	6	7 Pos.	8
A	620-1300	650-710	GAK.710	3.1			GK = 210				
		711-945	GAK.945-1	3.1			GK = 260		SBA.K...	11.1	1x
		946-1100	GAK.1100-1	3.1			GK = 375		SBA.K...	11.1	1x
		1101-1325	GAK.1325-1	3.1			GK = 550		SBA.K...	11.1	1x
		1326-1550	GAK.1550-1	3.1			GK = 550		SBA.K...	11.1	1x
		1551-1775	GAK.1775-2	3.1			GK = 550		SBA.K...	11.1	2x
		1776-2000	GAK.2000-2	3.1			GK = 1050		SBA.K...	11.1	2x
		2001-2225	GAK.2225-2	3.1			GK = 1050		SBA.K...	11.1	2x
B	620-1300	650-2225	E1	4.1					SBS.K...	11.3	1x
C	620-800	650-2225	VSAM.800	9.8							
	801-1050		VSAM.1050-1	9.8					SBA.K...	11.1	1x
	1051-1300		VSAM.1400-1	9.8					SBA.K...	11.1	1x
	620-950	650-2225	SET GS.PPSK.950...	6.1							
	[illegible]		[illegible]								

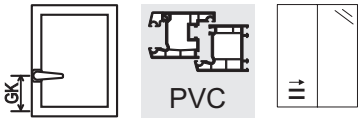
9 BRB		4	5							
1330-2030		SET.SS.PPSK.2030...	7.1							
2031-2380		SET.SS.PPSK.2380...	7.1							
2381-2760		SET.SS.PPSK.2760...	7.1							
2761-3100		SET.SS.PPSK.3100...	7.1							
3101-3430		SET.SS.PPSK.3430...	7.1							
3431-4130		SET.SS.PPSK.4130...	7.1							

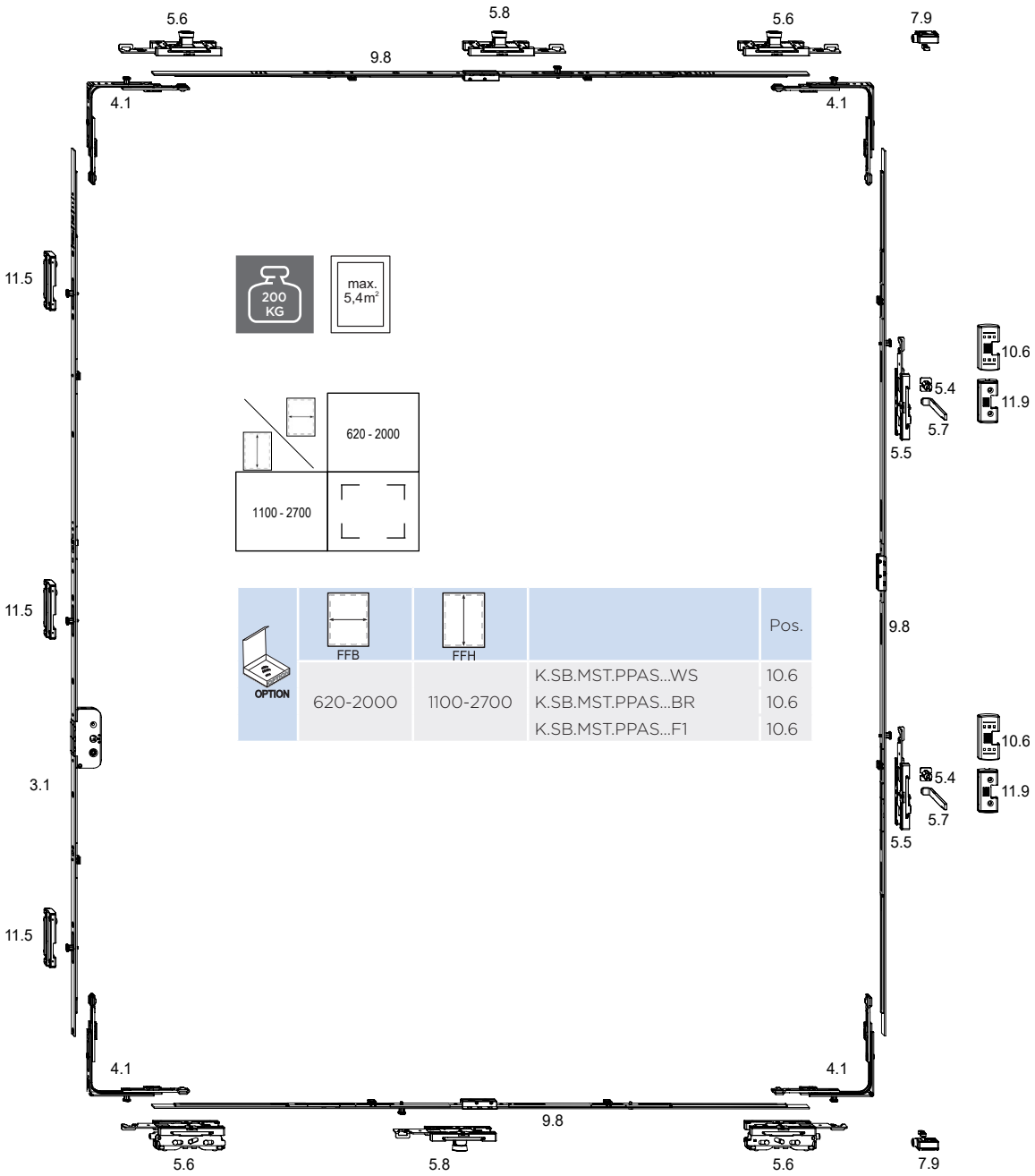
1 Section (A – H)
2 Sash rebate width (FFB) (Application areas on article level)
3 Sash rebate height (FFH) (Application areas on article level)
4 Items to be used/ handle seat dimension
5 Position number of items
6 Frame part type
7 Position number frame parts
8 Number of frame parts
9 Frame width (BRB) (Application areas on article level)

primePort AS 200 – constant handle position

2

Basic equipment





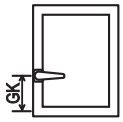
OPTION	FFB	FFH		Pos.
	620-2000	1100-2700	K.SB.MST.PPAS...WS	10.6
			K.SB.MST.PPAS...BR	10.6
			K.SB.MST.PPAS...F1	10.6

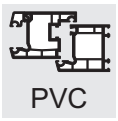
Please pay attention to the application diagrams!

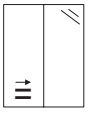
The distances between locking points must be agreed with the system supplier.

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primePort AS 200 – constant handle position







2

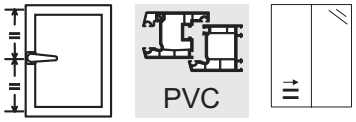
Basic equipment

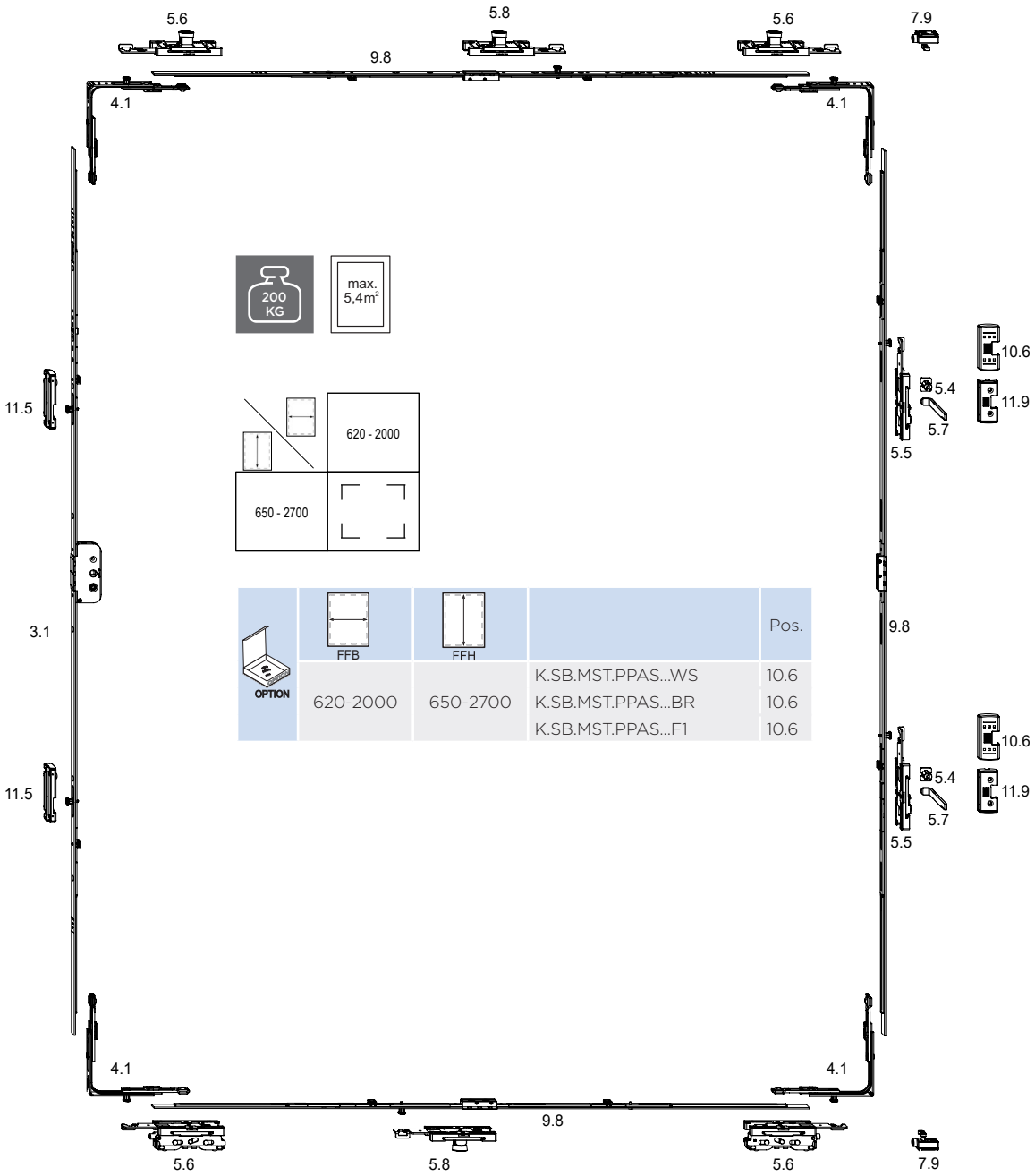
	FFB	FFH		Pos.		Pos.		Pos.		Pos.	
A	620-2000	1100-1325	GAK.1325-1.D...	3.1			GK = 550		SB.GS...	11.5	1x
		1326-1575	GAK.1325-1.D...	3.1	MK.250-1	9.1	GK = 550		SB.GS...	11.5	2x
		1576-1775	GAK.1325-1.D...	3.1	MK.500-1	9.1	GK = 550		SB.GS...	11.5	2x
		1776-2000	GAK.2000-4.D...	3.1			GK = 1050		SB.GS...	11.5	4x
		2001-2225	GAK.2225-4.D...	3.1			GK = 1050		SB.GS...	11.5	4x
		2226-2475	GAK.2225-4.D...	3.1	MK.250-0	9.1	GK = 1050		SB.GS...	11.5	4x
		2476-2700	GAK.2225-4.D...	3.1	MK.500-0	9.1	GK = 1050		SB.GS...	11.5	4x
B	620-2000	1100-2700	E1	4.1							
	620-2000	1100-2700	GKT.200...	5.6							
C	620-800	1100-2700	VSAM.800	9.8							
	801-1050		VSAM.1050-1	9.8					SET.V.MS...	5.8	1x
	1051-1400		VSAM.1400-1	9.8					SET.V.MS...	5.8	1x
	1401-1800		VSAM.1800-2	9.8					SET.V.MS...	5.8	2x
	1801-2000		VSAM.2300-3	9.8					SET.V.MS...	5.8	3x
D	620-2000	1101-2700	E1	4.1							
E	620-2000	1100-1400	VSAM.1400-1	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	1x 1x 1x 1x
		1401-1800	VSAM.1800-2	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	2x 2x 2x 2x
		1801-2300	VSAM.2300-3	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	3x 3x 3x 3x
		2301-2700	VSAM.2300-3	9.8	MK.250-0	9.1	MK.250-0	9.1	V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	3x 3x 3x 3x
F	620-2000	1100-2700	E1	4.1							
G	620-800	1100-2700	VSAM.800	9.8							
	801-1050		VSAM.1050-1	9.8							
	1051-1400		VSAM.1400-1	9.8							
	1401-1800		VSAM.1800-2	9.8							
	1801-2000		VSAM.2300-3	9.8							
H	620-2000	1100-2700	E1	4.1							
	BRB										
	620-2000	1100-2700	SET.ST.PPAS...	7.9							

primePort AS 200 – central handle position

2

Basic equipment





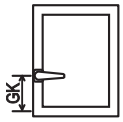
OPTION	FFB	FFH		Pos.
	620-2000	650-2700	K.SB.MST.PPAS...WS	10.6
			K.SB.MST.PPAS...BR	10.6
			K.SB.MST.PPAS...F1	10.6

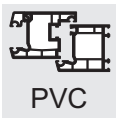
Please pay attention to the application diagrams!

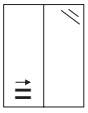
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primePort AS 200 – central handle position







2

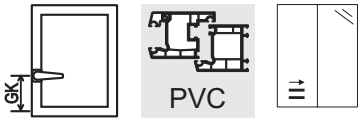
Basic equipment

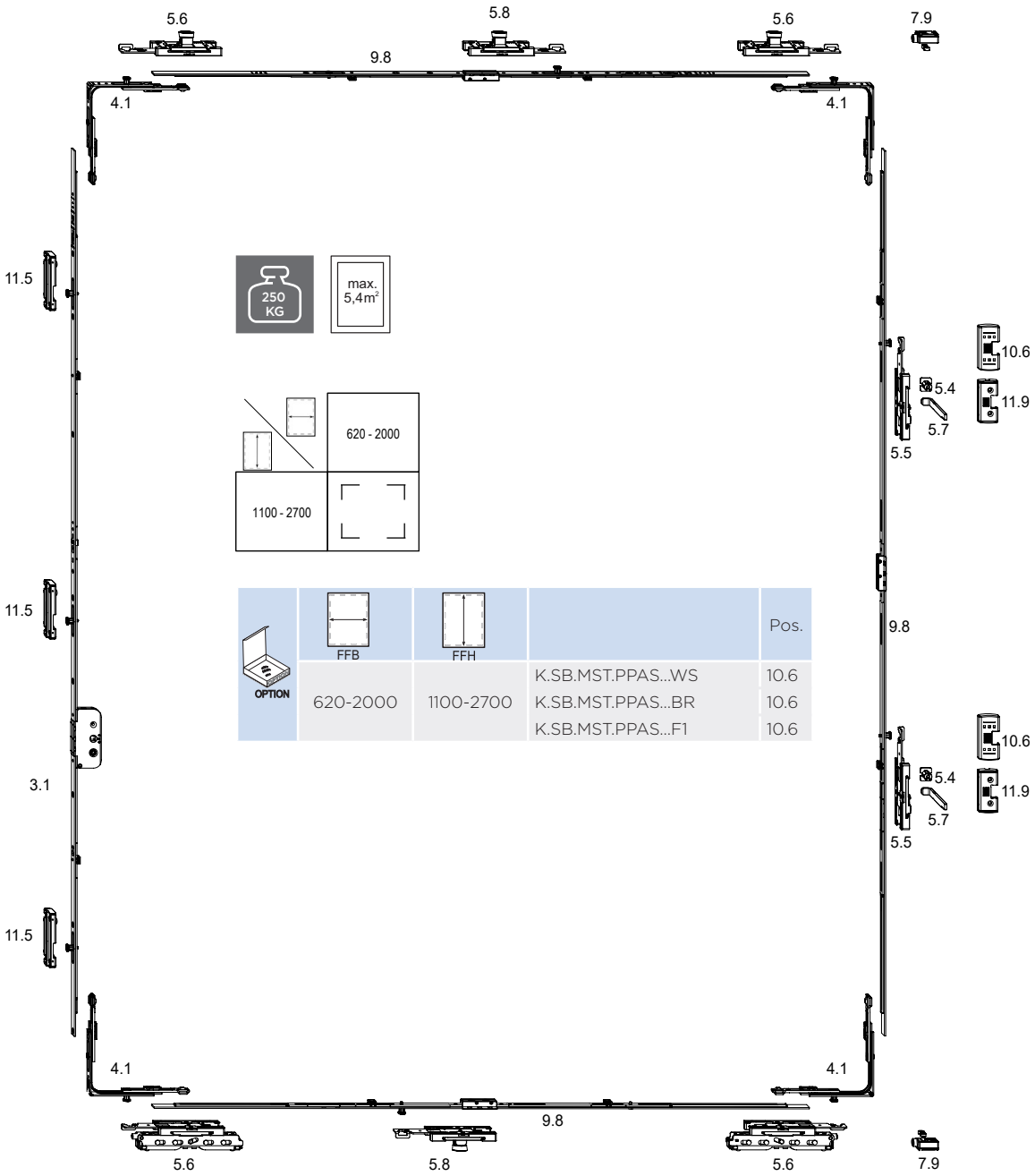
	FFB	FFH		Pos.		Pos.		Pos.		Pos.	
A	620-2000	650-800	GAM.800.D...	3.1							
		801-1050	GAM.1050-1.D...	3.1					SB.GS...	11.5	1x
		1051-1400	GAM.1400-1.D...	3.1					SB.GS...	11.5	1x
		1401-1800	GAM.1800-2.D...	3.1					SB.GS...	11.5	2x
		1801-2300	GAM.2300-3.D...	3.1					SB.GS...	11.5	3x
		2301-2700	GAM.2300-3.D...	3.1	MK.250-0	9.1	MK.250-0	9.1	SB.GS...	11.5	3x
B	620-2000	650-2700	E1	4.1							
	620-2000	650-2700	GKT.200...	5.6							
C	620-800	650-2700	VSAM.800	9.8							
	801-1050		VSAM.1050-1	9.8					SET.V.MS...	5.8	1x
	1051-1400		VSAM.1400-1	9.8					SET.V.MS...	5.8	1x
	1401-1800		VSAM.1800-2	9.8					SET.V.MS...	5.8	2x
	1801-2000		VSAM.2300-3	9.8					SET.V.MS...	5.8	3x
D	620-2000	1101-2700	E1	4.1							
E	620-2000	650-800	VSAM.800	9.8							
		800-1050	VSAM.1050-1	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	1x 1x 1x 1x
		1051-1400	VSAM.1400-1	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	1x 1x 1x 1x
		1401-1800	VSAM.1800-2	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	2x 2x 2x 2x
		1801-2300	VSAM.2300-3	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	3x 3x 3x 3x
		2301-2700	VSAM.2300-3	9.8	MK.250-0	9.1	MK.250-0	9.1	V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	3x 3x 3x 3x
F	621-2000	650-2700	E1	4.1							
G	620-800	650-2700	VSAM.800	9.8							
	801-1050		VSAM.1050-1	9.8							
	1051-1400		VSAM.1400-1	9.8							
	1401-1800		VSAM.1800-2	9.8							
	1801-2000		VSAM.2300-3	9.8							
H	620-2000	650-2700	E1	4.1							
	BRB										
	620-2000	650-2700	SET.ST.PPAS...	7.9							

primePort AS 250 – constant handle position

2

Basic equipment





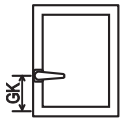
OPTION	FFB	FFH		Pos.
	620-2000	1100-2700	K.SB.MST.PPAS...WS	10.6
			K.SB.MST.PPAS...BR	10.6
			K.SB.MST.PPAS...F1	10.6

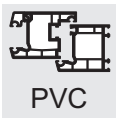
Please pay attention to the application diagrams!

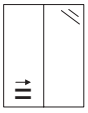
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primePort AS 250 – constant handle position







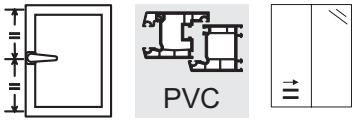
Basic equipment

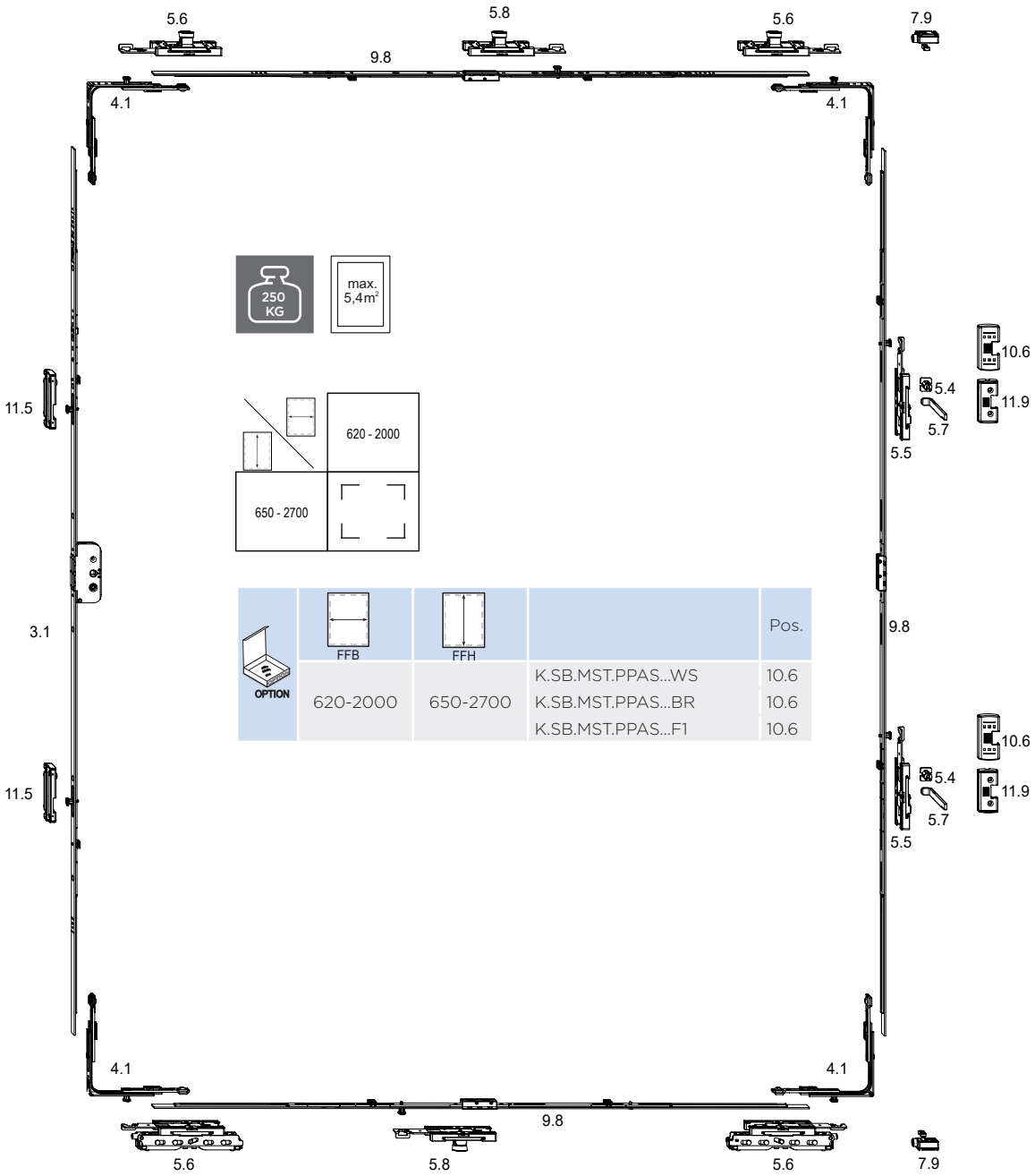
	FFB	FFH		Pos.		Pos.		Pos.		Pos.	
A	620-2000	1100-1325	GAK.1325-1.D...	3.1			GK = 550		SB.GS...	11.5	1x
		1326-1575	GAK.1325-1.D...	3.1	MK.250-1	9.1	GK = 550		SB.GS...	11.5	2x
		1576-1775	GAK.1325-1.D...	3.1	MK.500-1	9.1	GK = 550		SB.GS...	11.5	2x
		1776-2000	GAK.2000-4.D...	3.1			GK = 1050		SB.GS...	11.5	4x
		2001-2225	GAK.2225-4.D...	3.1			GK = 1050		SB.GS...	11.5	4x
		2226-2475	GAK.2225-4.D...	3.1	MK.250-0	9.1	GK = 1050		SB.GS...	11.5	4x
		2476-2700	GAK.2225-4.D...	3.1	MK.500-0	9.1	GK = 1050		SB.GS...	11.5	4x
B	620-2000	1100-2700	E1	4.1							
	620-2000	1100-2700	GKT.250...	5.6							
C	620-800	1100-2700	VSAM.800	9.8							
	801-1050		VSAM.1050-1	9.8					SET.V.MS...	5.8	1x
	1051-1400		VSAM.1400-1	9.8					SET.V.MS...	5.8	1x
	1401-1800		VSAM.1800-2	9.8					SET.V.MS...	5.8	2x
	1801-2000		VSAM.2300-3	9.8					SET.V.MS...	5.8	3x
D	620-2000	1101-2700	E1	4.1							
E	620-2000	1100-1400	VSAM.1400-1	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	1x 1x 1x 1x
		1401-1800	VSAM.1800-2	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	2x 2x 2x 2x
		1801-2300	VSAM.2300-3	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	3x 3x 3x 3x
		2301-2700	VSAM.2300-3	9.8	MK.250-0	9.1	MK.250-0	9.1	V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	3x 3x 3x 3x
F	620-2000	1100-2700	E1	4.1							
G	620-800	1100-2700	VSAM.800	9.8							
	801-1050		VSAM.1050-1	9.8							
	1051-1400		VSAM.1400-1	9.8							
	1401-1800		VSAM.1800-2	9.8							
	1801-2000		VSAM.2300-3	9.8							
H	620-2000	1100-2700	E1	4.1							
	BRB										
	620-2000	1100-2700	SET.ST.PPAS...	7.9							

primePort AS 250 – central handle position

2

Basic equipment





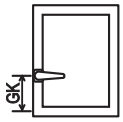
OPTION	FFB	FFH		Pos.
	620-2000	650-2700	K.SB.MST.PPAS...WS	10.6
			K.SB.MST.PPAS...BR	10.6
			K.SB.MST.PPAS...F1	10.6

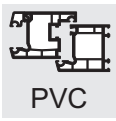
Please pay attention to the application diagrams!

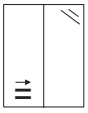
The distances between locking points must be agreed with the system supplier.

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primePort AS 250 – central handle position







2

Basic equipment

	FFB	FFH		Pos.		Pos.		Pos.		Pos.	
A	620-2000	650-800	GAM.800.D...	3.1							
		801-1050	GAM.1050-1.D...	3.1					SB.GS...	11.5	1x
		1051-1400	GAM.1400-1.D...	3.1					SB.GS...	11.5	1x
		1401-1800	GAM.1800-2.D...	3.1					SB.GS...	11.5	2x
		1801-2300	GAM.2300-3.D...	3.1					SB.GS...	11.5	3x
		2301-2700	GAM.2300-3.D...	3.1	MK.250-0	9.1	MK.250-0	9.1	SB.GS...	11.5	3x
B	620-2000	650-2700	E1	4.1							
	620-2000	650-2700	GKT.250...	5.6							
C	620-800	650-2700	VSAM.800	9.8							
	801-1050		VSAM.1050-1	9.8					SET.V.MS...	5.8	1x
	1051-1400		VSAM.1400-1	9.8					SET.V.MS...	5.8	1x
	1401-1800		VSAM.1800-2	9.8					SET.V.MS...	5.8	2x
	1801-2000		VSAM.2300-3	9.8					SET.V.MS...	5.8	3x
D	620-2000	1101-2700	E1	4.1							
E	620-2000	650-800	VSAM.800	9.8							
		800-1050	VSAM.1050-1	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	1x 1x 1x 1x
		1051-1400	VSAM.1400-1	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	1x 1x 1x 1x
		1401-1800	VSAM.1800-2	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	2x 2x 2x 2x
		1801-2300	VSAM.2300-3	9.8					V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	3x 3x 3x 3x
		2301-2700	VSAM.2300-3	9.8	MK.250-0	9.1	MK.250-0	9.1	V.MST... R.MST... RF.MST... SB.MST...	5.5 5.7 5.4 11.9	3x 3x 3x 3x
F	621-2000	650-2700	E1	4.1							
G	620-800	650-2700	VSAM.800	9.8							
	801-1050		VSAM.1050-1	9.8							
	1051-1400		VSAM.1400-1	9.8							
	1401-1800		VSAM.1800-2	9.8							
	1801-2000		VSAM.2300-3	9.8							
H	620-2000	650-2700	E1	4.1							
	BRB										
	620-2000	650-2700	SET.ST.PPAS...	7.9							

Component type: Mortice cremone | Handle position: constant

- Window material: aluminium, timber, PVC-U, steel
- Lock point design: Octagonal bolt
- Colour: silver
- Surface: Galvanised

3

Lockable: yes

- Handle height: 1,050 mm
- Locking cylinder design: Profile cylinder
- Locking cylinder position: Above gear case
- Number of locking points: 4
- VPA1 Qty./Type: 1 BL
- VPA2 Qty./Type: 200 L2



Article description	Art. no.	Backset [mm]	min. sash rebate height [mm]	max. sash rebate height [mm]
DRIVE ROD GAKA.PP.2000-4.D25	5102180	25	1,750	2,000
DRIVE ROD GAKA.PP.2000-4.D30	5102181	30	1,750	2,000
DRIVE ROD GAKA.PP.2000-4.D35	5102182	35	1,750	2,000
DRIVE ROD GAKA.PP.2000-4.D40	5102183	40	1,750	2,000
DRIVE ROD GAKA.PP.2225-4.D25	5102184	25	1,975	2,225
DRIVE ROD GAKA.PP.2225-4.D30	5102185	30	1,975	2,225
DRIVE ROD GAKA.PP.2225-4.D35	5102186	35	1,975	2,225
DRIVE ROD GAKA.PP.2225-4.D40	5102187	40	1,975	2,225

Lockable: no

- Locking cylinder design: -
- Locking cylinder position: -
- VPA1 Qty./Type: 10 BD



Article description	Art. no.	Backset [mm]	Handle height [mm]	Number of locking points	min. sash rebate height [mm]	max. sash rebate height [mm]	VPA2 Qty./Type
DRIVE ROD GAK.1325-1.D25	4978671	25	550	1	1,075	1,325	200 EA
DRIVE ROD GAK.1325-1.D30	4978672	30	550	1	1,075	1,325	200 EA
DRIVE ROD GAK.1325-1.D35	4978673	35	550	1	1,075	1,325	200 EA
DRIVE ROD GAK.1325-1.D40	4978674	40	550	1	1,075	1,325	200 EA
DRIVE ROD GAK.1325-1.D45	4978675	45	550	1	1,075	1,325	200 EA
DRIVE ROD GAK.1325-1.D50	4978676	50	550	1	1,075	1,325	200 EA
DRIVE ROD GAK.2000-4.D25	4938143	25	1,050	4	1,750	2,000	200 L2
DRIVE ROD GAK.2000-4.D30	4938150	30	1,050	4	1,750	2,000	200 L2
DRIVE ROD GAK.2000-4.D35	4938151	35	1,050	4	1,750	2,000	200 L2
DRIVE ROD GAK.2000-4.D40	4938152	40	1,050	4	1,750	2,000	200 L2
DRIVE ROD GAK.2000-4.D45	4938153	45	1,050	4	1,750	2,000	200 L2
DRIVE ROD GAK.2000-2.D50	5015016	50	1,050	2	1,750	2,000	200 L2
DRIVE ROD GAK.2000-4.D50	4938154	50	1,050	4	1,750	2,000	200 L2
DRIVE ROD GAK.2225-4.D25	4938145	25	1,050	4	1,975	2,225	200 L2
DRIVE ROD GAK.2225-4.D30	4938146	30	1,050	4	1,975	2,225	200 L2
DRIVE ROD GAK.2225-4.D35	4938147	35	1,050	4	1,975	2,225	200 L2
DRIVE ROD GAK.2225-4.D40	4938148	40	1,050	4	1,975	2,225	200 L2
DRIVE ROD GAK.2225-4.D45	4938149	45	1,050	4	1,975	2,225	200 L2
DRIVE ROD GAK.2225-4.D50	4938160	50	1,050	4	1,975	2,225	200 L2

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Component type: Mortice cremone | Handle position: in the middle

- Window material: aluminium, timber, PVC-U, steel
- Lock point design: Octagonal bolt
- Colour: silver
- Surface: Galvanised

Lockable: yes

- Locking cylinder design: Profile cylinder
- Locking cylinder position: Above gear case
- Number of locking points: 3
- min. sash rebate height: 1,800 mm
- max. sash rebate height: 2,300 mm
- VPA1 Qty./Type: 1 BL
- VPA2 Qty./Type: 200 L2



Article description	Art. no.	Backset [mm]
DRIVE ROD GAMA.PP.2300-3.D25	5102188	25
DRIVE ROD GAMA.PP.2300-3.D30	5102189	30
DRIVE ROD GAMA.PP.2300-3.D35	5102190	35
DRIVE ROD GAMA.PP.2300-3.D40	5102191	40

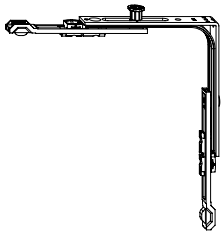
Lockable: no

- Locking cylinder design: -
- Locking cylinder position: -
- VPA1 Qty./Type: 10 BD



Article description	Art. no.	Backset [mm]	Number of locking points	min. sash rebate height [mm]	max. sash rebate height [mm]	VPA2 Qty./Type
DRIVE ROD GAM.1050-1.D25	4941081	25	1	550	1,050	200 EA
DRIVE ROD GAM.1050-1.D30	4941082	30	1	550	1,050	200 EA
DRIVE ROD GAM.1400-1.D25	4927159	25	1	900	1,400	200 L1
DRIVE ROD GAM.1400-2.D25	4933312	25	2	900	1,400	200 L1
DRIVE ROD GAM.1400-1.D30	4927171	30	1	900	1,400	200 L1
DRIVE ROD GAM.1400-2.D30	4933313	30	2	900	1,400	200 L1
DRIVE ROD GAM.1400-1.D35	4927172	35	1	900	1,400	200 L1
DRIVE ROD GAM.1400-2.D35	4933315	35	2	900	1,400	200 L1
DRIVE ROD GAM.1400-1.D40	4927173	40	1	900	1,400	200 L1
DRIVE ROD GAM.1400-2.D40	4933316	40	2	900	1,400	200 L1
DRIVE ROD GAM.1400-1.D45	4927174	45	1	900	1,400	200 L1
DRIVE ROD GAM.1400-2.D45	4933317	45	2	900	1,400	200 L1
DRIVE ROD GAM.1400-1.D50	4927175	50	1	900	1,400	200 L1
DRIVE ROD GAM.1800-2.D25	4933319	25	2	1,300	1,800	200 L1
DRIVE ROD GAM.1800-2.D30	4933340	30	2	1,300	1,800	200 L1
DRIVE ROD GAM.1800-2.D35	4933341	35	2	1,300	1,800	200 L1
DRIVE ROD GAM.1800-2.D40	4933342	40	2	1,300	1,800	200 L1
DRIVE ROD GAM.1800-2.D45	4933343	45	2	1,300	1,800	200 L1
DRIVE ROD GAM.2300-3.D25	4938167	25	3	1,800	2,300	200 L2
DRIVE ROD GAM.2300-3.D30	4938168	30	3	1,800	2,300	200 L2
DRIVE ROD GAM.2300-3.D35	4938169	35	3	1,800	2,300	200 L2
DRIVE ROD GAM.2300-2.D40	4936028	40	2	1,800	2,300	200 L2
DRIVE ROD GAM.2300-3.D40	4938170	40	3	1,800	2,300	200 L2
DRIVE ROD GAM.2300-3.D45	4938427	45	3	1,800	2,300	200 L2
DRIVE ROD GAM.2300-3.D50	4938428	50	3	1,800	2,300	200 L2

Component type: Corner Drive



- Window material: aluminium, timber, PVC-U, steel
- Opening direction ⓘ: Left portal, Right portal
- Bracket lengths ⓘ: 98.5 mm
- Lock point design: Octagonal bolt ⓘ
- Colour: silver
- Surface: Galvanised ⓘ
- Clamping: yes, reinforced
- VPA1 Qty./Type: 100 KK
- VPA2 Qty./Type: 2.400 EK
- VPA3 Qty./Type: -

Article description	Art. no.	Number of locking points
CORNER DRIVE E1.N	5019146	1
CORNER DRIVE E11.N	5051287	2

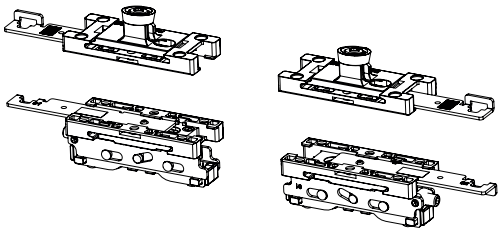
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Set type: Basic kit

- Window material: aluminium, timber, PVC-U, steel
- Colour: silver
- Surface: Galvanised
- VPA1 Qty./Type: 1 KT

Max. permissible sash weight: 200 kg

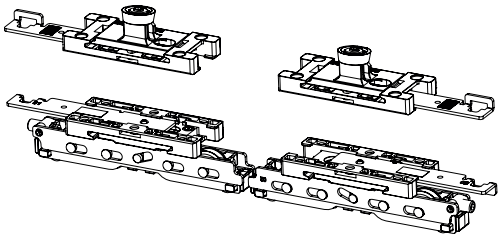
- Contents: Bogie (2x), Lock (2x)
- VPA2 Qty./Type: 550 E1



Article description	Art. no.	Opening direction
BASIC KIT PPAS.200.RS	5115037	Right portal
BASIC KIT PPAS.200.LS	5115038	Left portal

Max. permissible sash weight: 250 kg

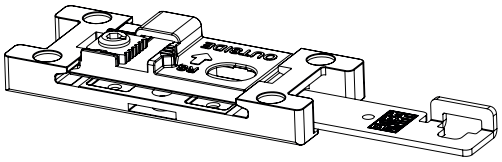
- Contents: Tandem bogie (2x), Lock (2x)
- VPA2 Qty./Type: 450 E1



Article description	Art. no.	Opening direction
BASIC KIT PPAS.250.RS	5115039	Right portal
BASIC KIT PPAS.250.LS	5115041	Left portal

Component type: Lock, centre stile

- Window material: aluminium, timber, PVC-U, steel
- Coupling point: with octagonal locking bolt
- Colour: silver
- Surface: Galvanised
- VPA1 Qty./Type: 1 BL
- VPA2 Qty./Type: 50K3
- VPA3 Qty./Type: 400 E1



5

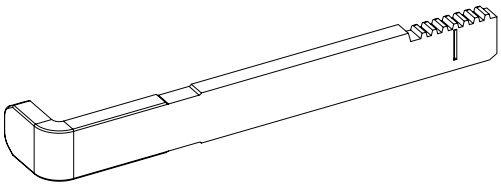
Article description	Art. no.	Opening direction
LOCKING DEVICE CENTRE STILE PPAS.RS	5114721	Right portal
LOCKING DEVICE CENTRE STILE PPAS.LS	5114722	Left portal

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Component type: Deadbolt, centre stile

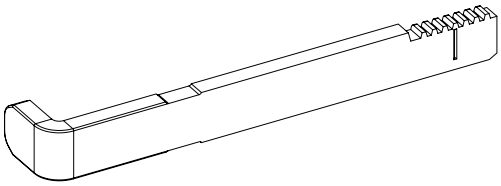
- Window material: aluminium, timber, PVC-U, steel
- Lock point design: Deadbolt
- Contact (Closing) Pressure: ± 2,1 mm
- VPA1 Qty./Type: 10 BL
- VPA2 Qty./Type: 400K3
- VPA3 Qty./Type: 3.200E1

Profile system: Aluplast - Smart-Slide-Neo



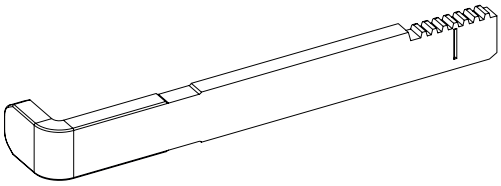
Article description	Art. no.	Opening direction
LOCKING PIN CENTRE STILE PPAS.66.LS	5115225	Left portal
LOCKING PIN CENTRE STILE PPAS.66.RS	5115224	Right portal

Profile system: Aluplast - Smart-Slide



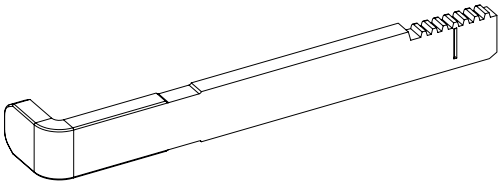
Article description	Art. no.	Opening direction
LOCKING PIN CENTRE STILE PPAS.59.LS	5114724	Left portal
LOCKING PIN CENTRE STILE PPAS.59.RS	5114723	Right portal

Profile system: Gealan - Smoovio, Rehau - Synego Slide, Salamander - evolutionDrive Plus+, Veka - ISS 190/225



Article description	Art. no.	Opening direction
LOCKING PIN CENTRE STILE PPAS.64.LS	5114728	Left portal
LOCKING PIN CENTRE STILE PPAS.64.RS	5114727	Right portal

Profile system: Veka - Move



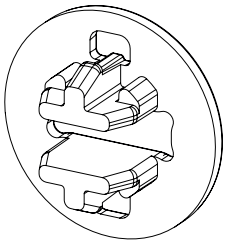
Component type: Deadbolt, centre stile

Article description	Art. no.	Opening direction
LOCKING PIN CENTRE STILE PPAS.62.LS	5114726	Left portal
LOCKING PIN CENTRE STILE PPAS.62.RS	5114725	Right portal

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Component type: Bolt guide

- Window material: aluminium, timber, PVC-U, steel
- Opening direction ⓘ: Left portal, Right portal
- Surface: plastic ⓘ
- Clamping: yes
- VPA1 Qty./Type: 10 BL
- VPA2 Qty./Type: 400KT
- VPA3 Qty./Type: 8.000 E1



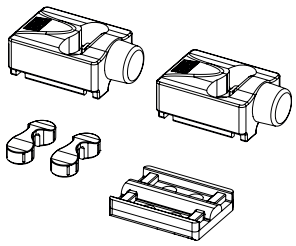
Article description	Art. no.	Distance centre stile
PIN GUIDE CENTRE STILE PPAS.14	5114732	bigger 14 mm
PIN GUIDE CENTRE STILE PPAS.10	5114731	smaller 14 mm

Set type: Stopper

- Window material: PVC-U
- Opening direction ⓘ: Left portal, Right portal
- Colour: silver
- Surface: Galvanised ⓘ
- VPA1 Qty./Type: 1 BL
- VPA2 Qty./Type: 50 A3
- VPA3 Qty./Type: 400 E1

Profile system: Aluplast - Smart-Slide-Neo, Aluplast - Smart-Slide

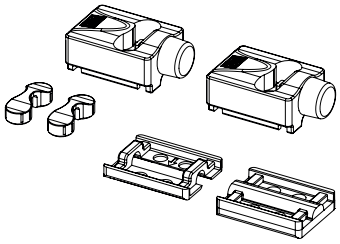
- Contents: Screw cover, Stopper, (Under)lining



Article description	Art. no.
DOOR STOP SET PPAS.161	5114764

Profile system: Decco

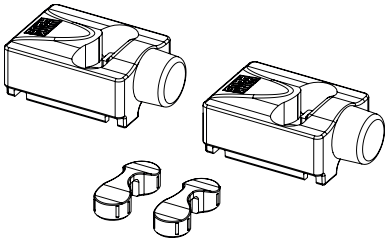
- Contents: Screw cover, Stopper, (Under)lining



Article description	Art. no.
DOOR STOP SET PPAS.198	5114765

Profile system: Gealan - Smoovio, Salamander - evolutionDrive Plus+

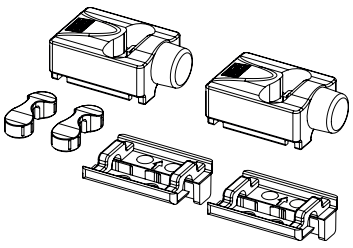
- Contents: Screw cover, Stopper



Article description	Art. no.
DOOR STOP SET PPAS	5114761

Profile system: Rehau - Synego Slide

- Contents: Screw cover, Stopper, (Under)lining

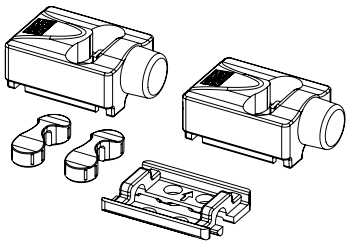


Article description	Art. no.
DOOR STOP SET PPAS.60	5114762

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Profile system: Veka - Move

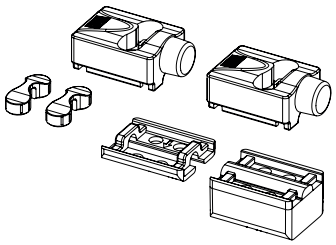
- Contents: Screw cover, Stopper, (Under)lining



Article description	Art. no.
DOOR STOP SET PPAS.152	5114763

Profile system: Veka - ISS 190/225

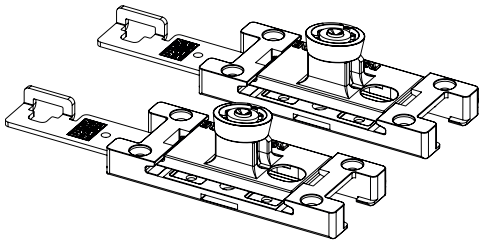
- Contents: Screw cover, Stopper, (Under)lining



Article description	Art. no.
DOOR STOP SET PPAS.205	5114766

Set type: Locking device

- Window material: aluminium, timber, PVC-U, steel
- Contents: Lock (2x)
- Colour: silver
- Surface: Galvanised
- VPA1 Qty./Type: 1 KT
- VPA2 Qty./Type: 825 E1



Article description	Art. no.	Opening direction
SET LOCKING DEVICE PPAS.RS	5115042	Right portal
SET LOCKING DEVICE PPAS.LS	5115043	Left portal

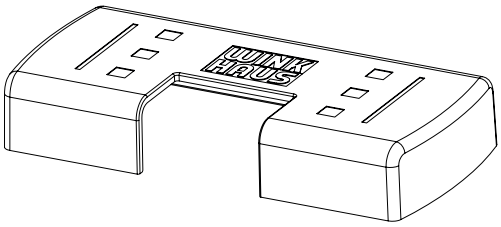
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Component type: Cover cap for keep

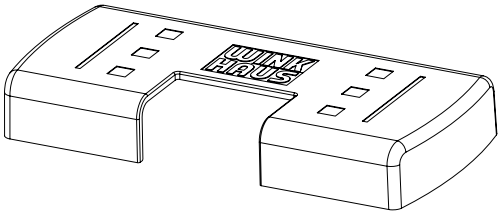
- Window material: aluminium, timber, PVC-U, steel
- Opening direction ⓘ: Left portal, Right portal
- VPA1 Qty./Type: 10 BL
- VPA2 Qty./Type: 400K3
- VPA3 Qty./Type: 3.200E1

Distance centre stile: bigger 14 mm



Article description	Art. no.	Colour
COVER K.SB.MST.PPAS.14.BR	5113512	brown
COVER K.SB.MST.PPAS.14.F1	5113514	silver coloured
COVER K.SB.MST.PPAS.14.WS	5113510	white

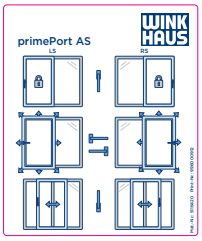
Distance centre stile: smaller 14 mm



Article description	Art. no.	Colour
COVER K.SB.MST.PPAS.10.BR	5113511	brown
COVER K.SB.MST.PPAS.10.F1	5113513	silver coloured
COVER K.SB.MST.PPAS.10.WS	5113509	white

Component type: Operating sticker

- Opening direction ⓘ: Left portal, Right portal
- VPA1 Qty./Type: 50 BL
- VPA2 Qty./Type: 2.500 K3
- VPA3 Qty./Type: 20.000 E1



Article description	Art. no.
OPERATING STICKER PPAS	5118416

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Component type: Handle

- Window material: aluminium, timber, PVC-U, steel
- Inside handle: yes
- Outside handle: no
- Handle length: 160 mm
- Material: aluminium
- VPA1 Qty./Type: 1 KT
- VPA2 Qty./Type: 1 KT

Lockable: yes



Article description	Art. no.	Colour
HF.HANDLE PP.502A/160.AGR25	5112894	anthracite grey, matt
HF.HANDLE PP.502A/160.BR	5112890	brown
HF.HANDLE PP.502A/160.F1	5112891	silver coloured
HF.HANDLE PP.502A/160.F4	5112895	bronze-red brown
HF.HANDLE PP.502A/160.F9	5112892	titanium coloured
HF.HANDLE PP.502A/160.SW25	5112893	matt black
HF.HANDLE PP.502A/160.WS	5112889	white

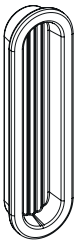
Lockable: no



Article description	Art. no.	Colour
HF.HANDLE PP.502/160.AGR25	5112887	anthracite grey, matt
HF.HANDLE PP.502/160.BR	5112883	brown
HF.HANDLE PP.502/160.F1	5112884	silver coloured
HF.HANDLE PP.502/160.F4	5112888	bronze-red brown
HF.HANDLE PP.502/160.F9	5112885	titanium coloured
HF.HANDLE PP.502/160.SW25	5112886	matt black
HF.HANDLE PP.502/160.WS	5112882	white

Component type: Recessed handle

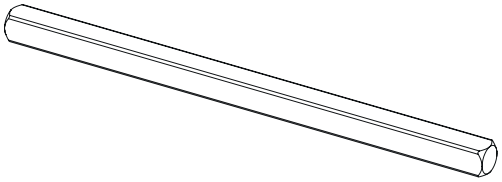
- Window material: aluminium, timber, PVC-U, steel
- Inside handle: no
- Outside handle: yes
- Material: aluminium
- VPA2 Qty./Type: 50 KT



Article description	Art. no.	Colour
HF.RECESSED HANDLE PP.AGR25	5112915	anthracite grey, matt
HF.RECESSED HANDLE PP.BR	5112911	brown
HF.RECESSED HANDLE PP.F1	5112912	silver coloured
HF.RECESSED HANDLE PP.F4	5112916	bronze-red brown
HF.RECESSED HANDLE PP.F9	5112913	titanium coloured
HF.RECESSED HANDLE PP.SW25	5112914	matt black
HF.RECESSED HANDLE PP.WS	5112910	white

Component type: Square pin

- Component length: 130 mm
- Square size: 7 x 7 mm



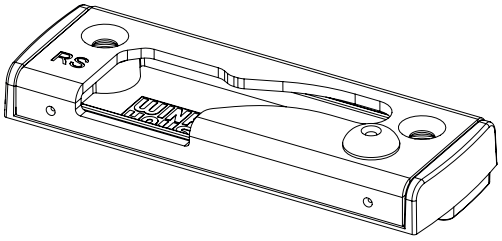
Article description	Art. no.
HF.SQUARE.PIN PP.7x130	5112932

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Component type: Locking Keep | Mounting position: Drive Side

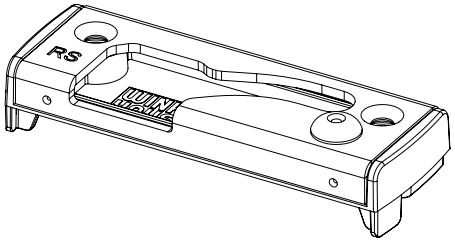
- Window material: PVC-U
- Colour: silver
- Surface: Galvanised
- VPA1 Qty./Type: 200K3
- VPA2 Qty./Type: 1.600 E1

Profile system: Aluplast - Smart-Slide-Neo, Decco, Gealan - Smoovio, Rehau - Synego Slide, Salamander - evolutionDrive Plus+, Veka - Move, Veka - ISS 190/225



Article description	Art. no.	Opening direction
KEEP SB.GS.PPAS.152.RS	5113503	Right portal
KEEP SB.GS.PPAS.152.LS	5113504	Left portal

Profile system: Aluplast - Smart-Slide



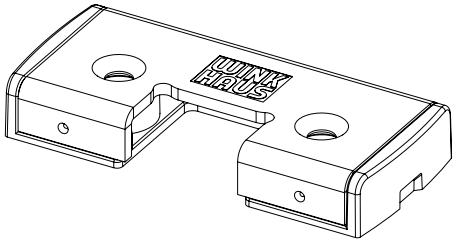
Article description	Art. no.	Opening direction
KEEP SB.GS.PPAS.161.RS	5113505	Right portal
KEEP SB.GS.PPAS.161.LS	5113506	Left portal

Component type: Locking Keep | Mounting position: Centre stile

- Window material: PVC-U
- Opening direction ⓘ: Left portal, Right portal
- Colour: silver
- VPA1 Qty./Type: 200K3
- VPA2 Qty./Type: 1.600 E1

Profile system: Aluplast - Smart-Slide-Neo, Aluplast - Smart-Slide, Decco, Gealan - Smoovio, Rehau - Synego Slide, Salamander - evolutionDrive Plus+, Veka - Move

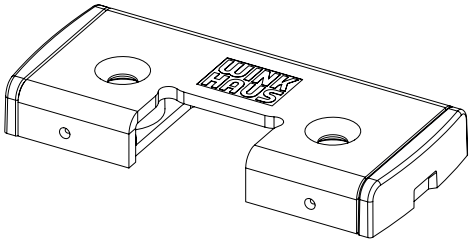
- Distance centre stile: bigger 14 mm



Article description	Art. no.
KEEP SB.MST.PPAS.14	5113508

Profile system: Veka - ISS 190/225

- Distance centre stile: smaller 14 mm



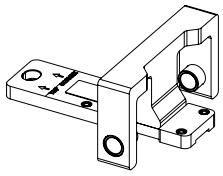
Article description	Art. no.
KEEP SB.MST.PPAS.10	5113507

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Component type: Drilling Jig, Hole Gauge | Application of component: Bogie, Set locking device, Locking device centre stile

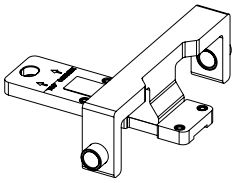
- Window material: aluminium, timber, PVC-U, steel
- Opening direction ⓘ: Left portal, Right portal

Profile system: Aluplast - Smart-Slide-Neo, Aluplast - Smart-Slide, Gealan - Smoovio, Rehau - Synego Slide, Veka - ISS 190/225



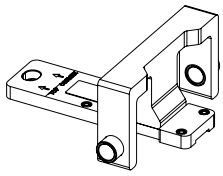
Article description	Art. no.
JIG LE.FL.PPAS.41	5117445

Profile system: Salamander - evolutionDrive Plus+



Article description	Art. no.
JIG LE.FL.PPAS.70	5117447

Profile system: Veka - Move

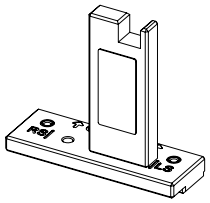


Article description	Art. no.
JIG LE.FL.PPAS.51	5117446

Component type: Positioning Aid

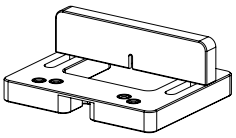
- Window material: aluminium, timber, PVC-U, steel
- Opening direction ℹ: Left portal, Right portal

Application of component: Frame part on drive side



Article description	Art. no.
JIG LE.RT.GS.PPAS	5117451

Application of component: Frame part centre stile



Article description	Art. no.
JIG LE.RT.MST.PPAS	5117448

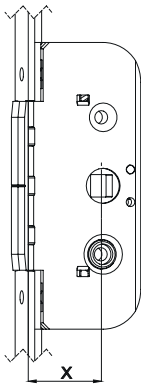
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Description of features

Backset

The backset of a drive unit is the distance between the outer faceplate surface and the center axis of the spindle for the window handle.
X = backset



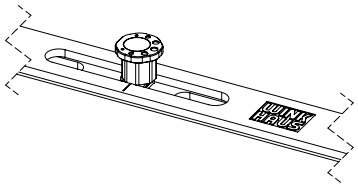
Handle height

The handle position is measured from the bottom sash rebate edge to the centre of the spindle of the drive unit.

Lock point design

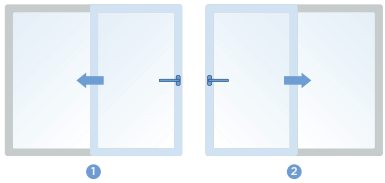
Octagonal bolt

The octagonal bolt is the standard bolt of the activPilot fitting system and has the following properties.
Mushroom head (increased burglary protection in combination with security keeps)
Contact pressure adjustment from +0.8 mm to -0.8 mm



Opening direction

The opening direction of sliding elements is determined in accordance with DIN EN 12519. When viewed from the inside, a closed element with a left-opening sash has the opening direction “Right portal”
1. Right portal
2. Left portal



Surface

Galvanised

The surface is galvanised with a Cr(VI)-free conversion layer, exposure level 5.

plastic

These are plastic components without surface treatment.

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