

Simply Cell.

5 Years Warranty

Technical Specifications

2022 | Price List

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Effective: 1.7.22

RRP in Australian Dollars (\$) incl GST.
Subject to technical and price-related changes.



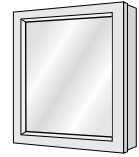
SINCE
1987

QUALITY + DESIGN EXCELLENCE

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1 **Pre-tensioned and freehanging blinds** for vertical, rectangular windows

VS 1, VS 2, VS 3, VS 3 SD, VS 2 Slide, VS 2 Slide Comfort, VS 2 KL,
F 1, F 2, F 3, F Touch, F 4, FE A, FE



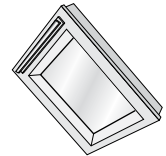
2 **Pre-tensioned and freehanging blinds** for vertical, special shaped windows

F Slope 1, F Slope 2



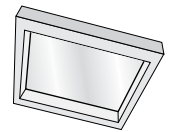
3 **Roof blinds** DFC blinds with side channels DF blinds with side cover strips

DF Comfort 20, DF Comfort 30, DF 20



4 **Roof blinds** for rectangular windows

PL 11, PLK 13, PLE 12



5 **Measurements**

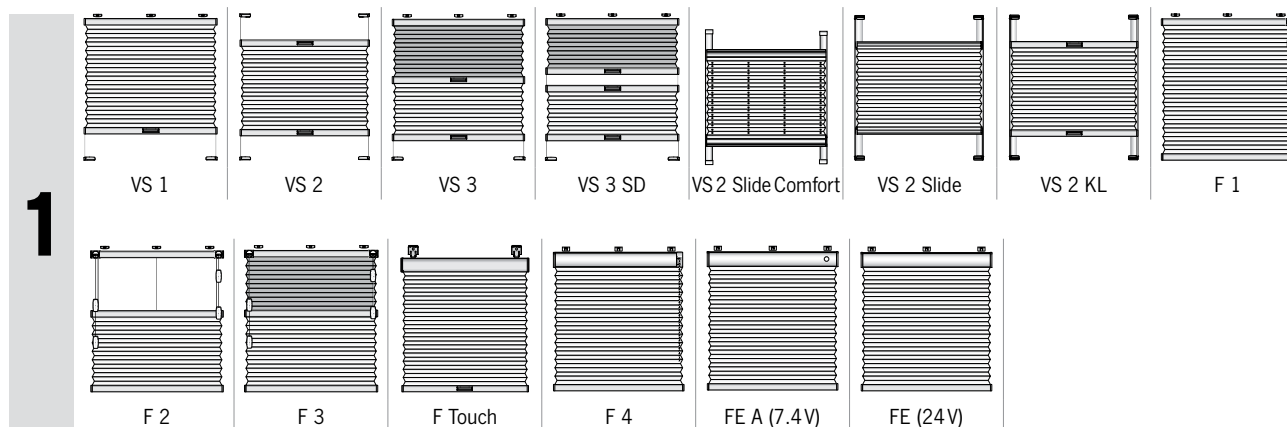
6 **Accessories for motorised blinds** power supplies - controls - switches

7 **Single components** for fitting and operation

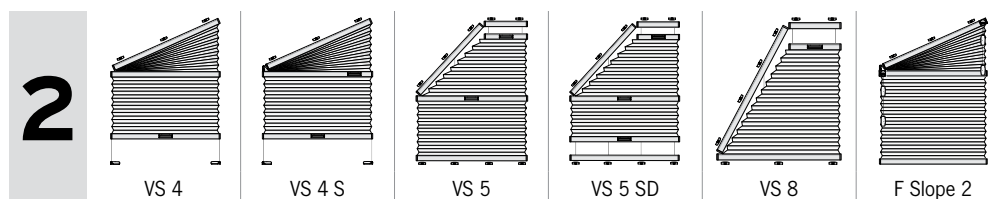
8 **Material properties of the fabrics** fabric overview

i Model overview

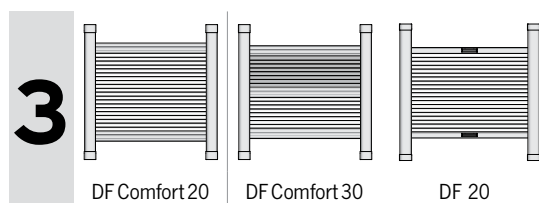
1 Pre-tensioned and freehanging blinds for vertical, rectangular windows



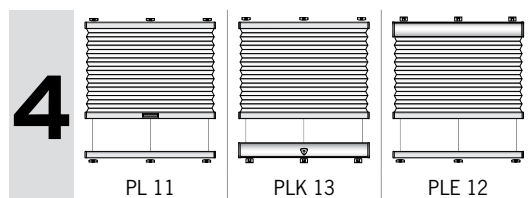
2 Pre-tensioned blinds and freehanging blinds for vertical, special shaped windows



3 Roof blinds DFC blinds with side channels, DF blinds with side cover strips



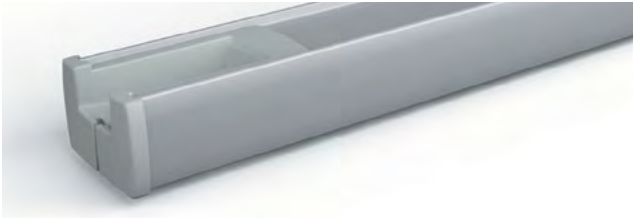
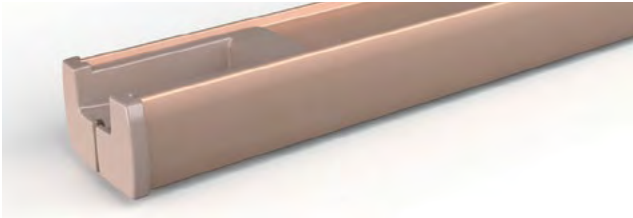
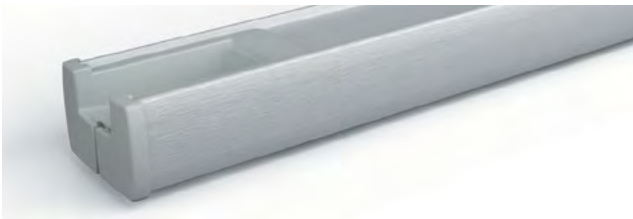
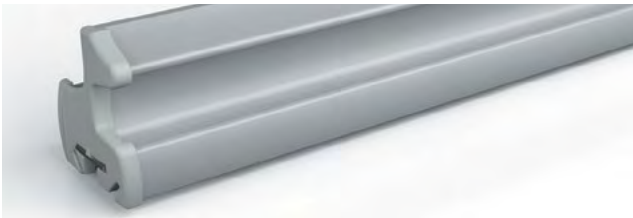
4 Roof blinds for rectangular windows



Colours of rails and plastic components

Most Simply Cell blinds are available in 5 standard rail colours: white matt, black-brown matt, anthracite matt, silver anodised and bronze anodised. For some model types the colours grey matt and brushed aluminium are available (extra charge). The available colours for each model type can be found on the corresponding pages in this technical brochure. The rails are also available in RAL colours on request. Please ask for prices and lead times.

Rails and plastic components are delivered in the following colour combinations:

	Rail colour	Plastic colour
	20 white matt (powder-coated)	20 white
	02 silver (anodised)	03 grey
	05 black-brown matt (powder-coated)	05 black-brown
	26 bronze (anodised)	26 bronze
	24 anthracite matt (powder-coated)	24 anthracite
	09 silver brushed (brushed and anodised) VS 2 only (extra charge)	03 grey
	03 grey matt (powder-coated) VS 2 Slide, VS 2 Slide Comfort and DF Comfort only	03 grey

Operating options

Operation of pre-tensioned blinds

Depending on the model type, there are 2 different operating handles and handle bars to choose from. The operating options depend on the model type selected.



Operating handle

- Orders without any remarks are delivered by default with this operating handle.
- Operation with operating rod possible.



Handle bar VS 2 Slide

- Orders for VS 2 Slide blinds are generally delivered with the handle bar.
- Due to the handle bar there are no protruding operating elements.
- Operation with operating rod possible.



Design handle (extra charge)

- Visual upgrade by use of a powder-coated design handle made of high-quality metal alloy.
- Operation with operating rod possible.



Handle bar VS 2 Slide Comfort

- Orders for VS 2 Slide Comfort blinds are generally delivered with the handle bar.
- Due to the handle bar there are no protruding operating elements.
- Operation with operating rod possible.
- Great for behind shutters to maximise light block.

Operation of freehanging blinds

There are 5 different operating options for freehanging Simply Cell blinds to choose from. These model types generally have a fixed head rail and a freely movable hanging with bottom rail.



Cord lock

- Through the operation of the cord the hanging of the blind is moved to the desired position.
- The cord lock ensures the latching.



Motorised blind FE A

- Through an integrated 7.4 V battery motor the hanging of the blind is moved to the desired position.
- Operation is via radio remote control.



F Touch

- Through the operation of the bottom rail the hanging of the blind is moved to the desired position.
- Not possible in combination with guide wires.



Motorised blind FE

- Through an integrated 24 V electric motor the hanging of the blind is moved to the desired position.
- It is operated by means of remote control or switch.



Chain

- Through the operation of the chain the hanging of the blind is moved to the desired position.

Operating options

Operation of roof blinds

Roof blinds are mostly installed in roof sections of conservatories or under glass roofs. Here also, there are several operating options to choose from. Tension wires that run through the Simply Pleat blind guide the blind parallel to the window.



Operating handle

- Orders without any remarks are delivered by default with this operating handle.
- Operation with operating rod possible.



Motorised blind PLE

- Through an integrated 24 V electric motor the hanging of the blind is moved to the desired position.
- It is operated by means of remote control or switch.



Design handle (extra charge)

- Visual upgrade by use of a powder-coated design handle made of high-quality metal alloy.
- Operation with operating rod possible.



Crank drive

- The blind is operated using a crank.

Operation of roof window blinds

There are special model types and operating options available for roof window blinds.



Handle bar (for DFC 20, DFC 30)

- Orders for DFC blinds are generally delivered with this handle bar.
- Operation with operating rod possible.

Operating devices and fitting options

Operating rod or crank



Operating rod without joint

- in combination with operating handle or design handle (PL)



Operating rod with joint

- in combination with operating handle or design handle (VS, PL)



Operating rod DFC/VS 2 Slide/VS 2 Slide Comfort

- for DF Comfort, VS 2 Slide and VS 2 Slide Comfort blinds with handle bar



Crank

- for Simply Cell blinds with crank drive (PLK 13)

Fitting options for Simply Cell blinds

There are several ways to fit Simply Cell blinds. Depending on structural conditions, desires, needs and requirements, the appropriate fitting method is chosen. The made-to-measure Simply Cell blinds can be fitted to almost any window or door.



Tension shoe

- for fitting in the glazing rebate or fitting bracket



Clip (mounting clip)

- for fitting on glazing rebate, bracket or ceiling fitting



Beading bracket

- for fitting on the glazing bead



Bracket

- for fitting on the window frame or on the wall.



Clamp bracket

- for screwless fitting on the window frame



Adhesive rail VS 2 Slide and VS 2 Slide Comfort

- for screwless fitting on the glass
- with side guide and handle bar



Clamp bracket slim

- for screwless fitting on the window frame
- the blind runs inside the glazing rebate



Adhesive rail VS 2 KL

- for screwless fitting on the glass



Tension shoe base with adhesive plate (VS 2 only)

- for fitting on the glazing rebate with adhesive plates
- the blind runs inside the glazing rebate



Mounting plate (VS 2 only)

- for fitting on the glazing rebate even with small rebate depth
- the blind runs inside the glazing rebate

Information on motorised blinds

FE, PLE 12 with 24 V motor

Motor data

- Voltage 24 V, 0.5 A, 30 rpm
- Torque 0.8 Nm
- Temperature range 0 – 60°C
- Protection class IP 40
- Integrated limit stop

FE A with 7.4 V battery motor

Motor data

- Voltage 7.4 V
- Current 1.2 A, 34 rpm
- Freely programmable limit positions
- Integrated radio receiver

Li-ion battery

- Voltage 7.4 V
- 2,600 mAh
- Battery runtime > 6 months
- Temperature range – 10°C to +60°C
- Charging time approx. 4 h

Radio remote control

- 16 channels + group channel
- 433.92 MHz
- Range > 50 m

Plug-in power supply (charger)

- 230 V AC / 8.4 V / 1 A
- Cable length 3 m

Light technical values of Simply Cell blinds

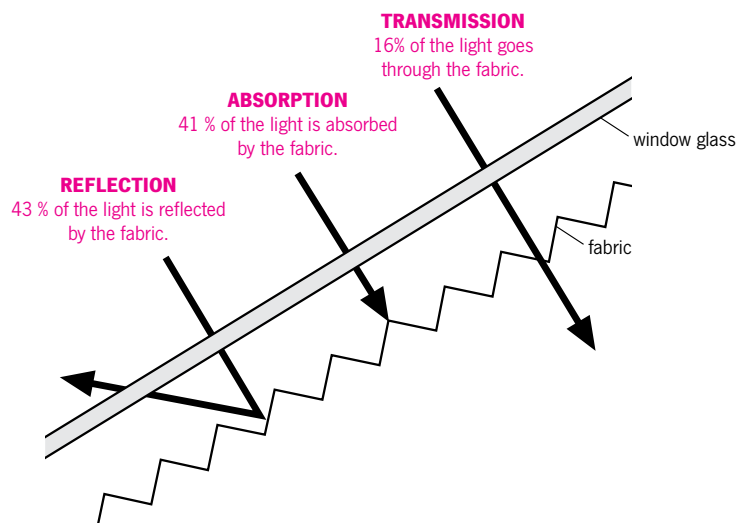
The properties of Simply Cell blinds in conjunction with light are dependant on several factors, e.g. weave, coating, type of yarn, colour, etc... These influence the optical and thermo-technical effect and are the reason that each fabric has different light technical values.

The light technical values are reflection, absorption and transmission. These three values add up to 100%. (Effects caused by ventilation, glass, installation method and distance, etc. are not taken into account.)

The chapter material properties of all fabrics displays all values for reflection, absorption and transmission for each fabric.

Explanation of terms

Example: design no. 0100

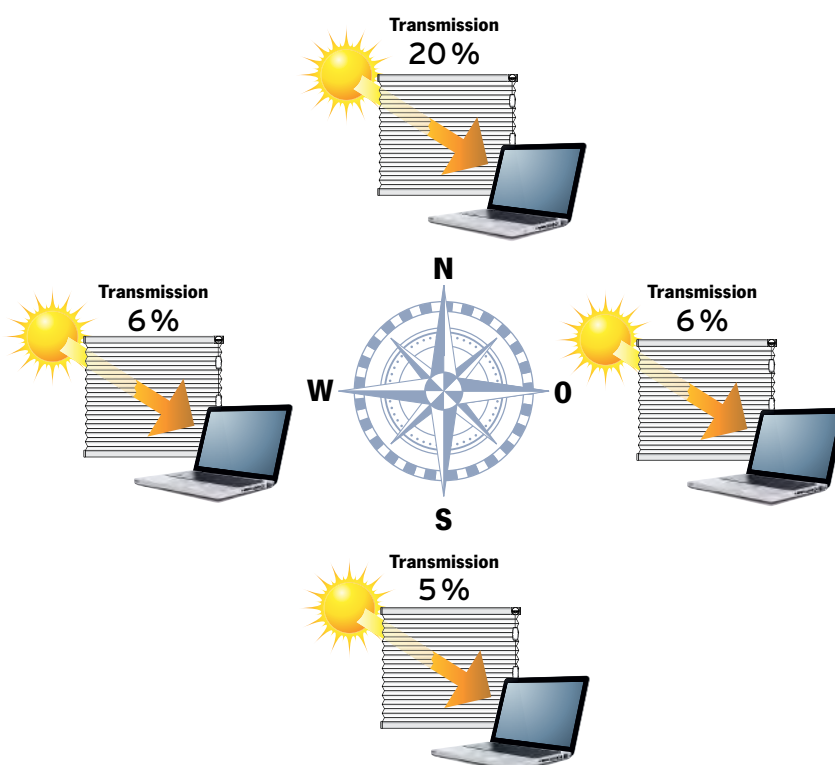


Reflection: In the field of sun shading, the reflection value indicates the irradiating sun light, which is reflected directly or diffusely. The more radiation is reflected, the less can enter the room and heat it up.

Transmission: The transmission value is the amount of light that comes through the fabric. The higher the transmission value, the brighter the room.

Absorption: In the field of sun shading, the absorption value refers to the part of the light energy absorbed by the fabric, which means it is not transmitted. The absorbed light energy is usually converted into heat.

Computer workstation suitability



The shading of computer workstations places high demands on the glare protection but should also convince in design and function. Simply Cell blinds are ideally suited for this. They offer a variety of operating possibilities, can be adapted to many window shapes and offer a long-term and high-quality solution for internal sun shading. Disturbing glare from sunlight can be avoided or minimised.

The intensity of the sun is different from every direction. With internal sun shading the incoming sunlight can be reduced. The maximum light transmittance value (= transmission) according to EU directives is specified for each direction as a percentage.

In the chapter material properties all fabrics according to their suitability for the respective direction are marked with a dot. For detailed information, please refer to **chapter 8**.

Important notes on child safety

Guidelines for child-safe installation of cord- and chain-operated Simply Cell blinds



- Young children can be strangled by loops in cords, chains and tapes that operate the blind. There is a risk that cords may become wrapped around a child's neck.
- To avoid strangulation and entanglement, keep cords out of the reach of young children.
- Move beds, cots and any furniture away from window covering cords and chains.
- Do not tie cords or chains together. Make sure that cords or chains do not twist and create a loop.
- To reduce the risk of such accidents, please install and use supplied safety devices according to the fitting instructions.
- Child Safety devices must be fitted by Australian Law!

Complies with EN 13120

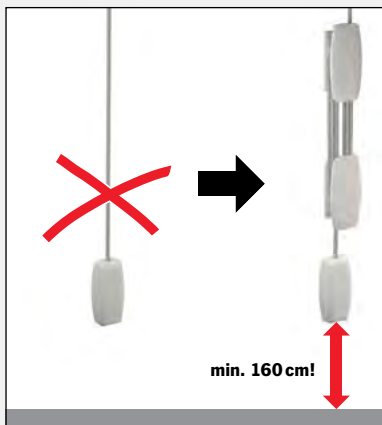
Child safety is a top priority during the selection and installation of sun protection products. When selling and installing, certain points must be considered to ensure a standardised and therefore child-safe installation. For inquiries, please contact the respective specialist. They will gladly explain about the possible risks and ensure professional measuring and installation.

For child-safe installation, the head rail (cord / chain exit) must be fitted at least 160 cm off the floor.

The installation height of our products must be indicated on each order. If the installation height is not specified, the child safety of our products cannot be guaranteed.

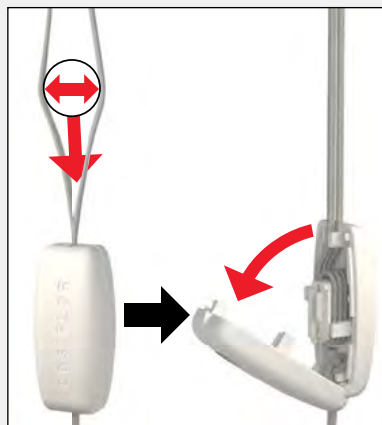
Please keep the safety information and fitting instructions that you received with the delivery of your Simply Cell blinds.

Model type F 1, F 2, F 3, F Slope 2:



In case of cord-operated blinds, cord winders must always be fitted.

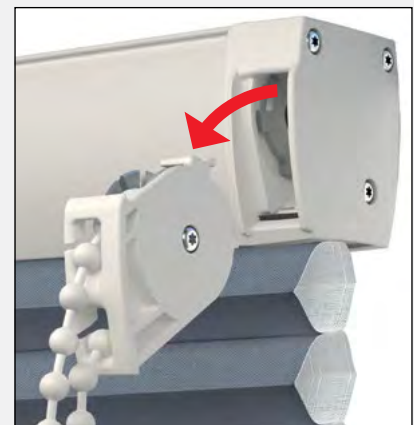
This cord winder must be fitted in such a way that the lower edge of the cord tassel is at least 160 cm off the floor.



All cord operated blinds are supplied with a safety cord tassel. This opens up as soon as the cords are pulled apart 60 mm while a load of over 6 kg is applied.

Assembly can then be done by the operator. Fitting instructions are included with the product.

Model type F 4:

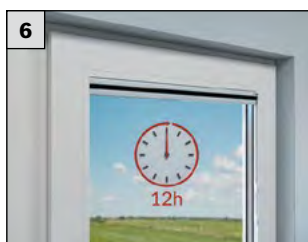
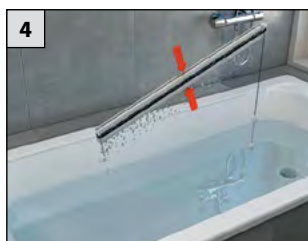
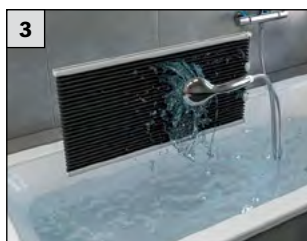


Chain-operated blinds are fitted with a safety gear. This triggers as soon as a load of more than 6 kg is applied to the chain. The gear (drive wheel) can then be assembled again by the operator.

Fitting instructions are included with the product.

Care and product information

Care instruction



The fabrics are easy to clean.

- Simply wash by hand using a mild detergent solution at max. 30°C. (For pre-tensioned blinds, tension shoes must not be removed from the cords!)
- Then rinse the fabric thoroughly, push the fabric stack together and squeeze the water out. The blind must no longer be dripping wet.
- Hang up damp and leave closed to dry. During the drying process, open and close the Simply Cell blinds several times to prevent the pleats sticking together. Do not iron!

Make sure the mechanical parts of motorised and crank operated blinds do not come into contact with the detergent solution or water.

ATTENTION: All coated blackout materials and flame-retardant blinds are not to be cleaned this way. Simply wipe these down gently with a cloth or brush them when dry. Do not rub!

We advise against chemical or ultrasonic cleaning and do not accept warranty claims in this case.

Product information

Operation

For long-lasting pleating it is necessary to operate your Simply Cell blind regularly and to keep it closed in the stack for longer periods.

Especially when the blind is exposed to high temperatures (e.g. south-facing windows, roof windows, conservatories, etc.), the above practice is important to repeatedly support the pleats.

Notes on frame and glass

- When cleaning window frames and glass, do not use any caustic or alkaline cleaning detergents which could come into direct or indirect (condensation) contact with the blind.
- Condensation can form if there is too little ventilation or air flow (please follow the instructions in the respective fitting instructions for details on installation distance).
- We do not accept liability for fabric damage caused by water drops or insect excrements.

Area of application

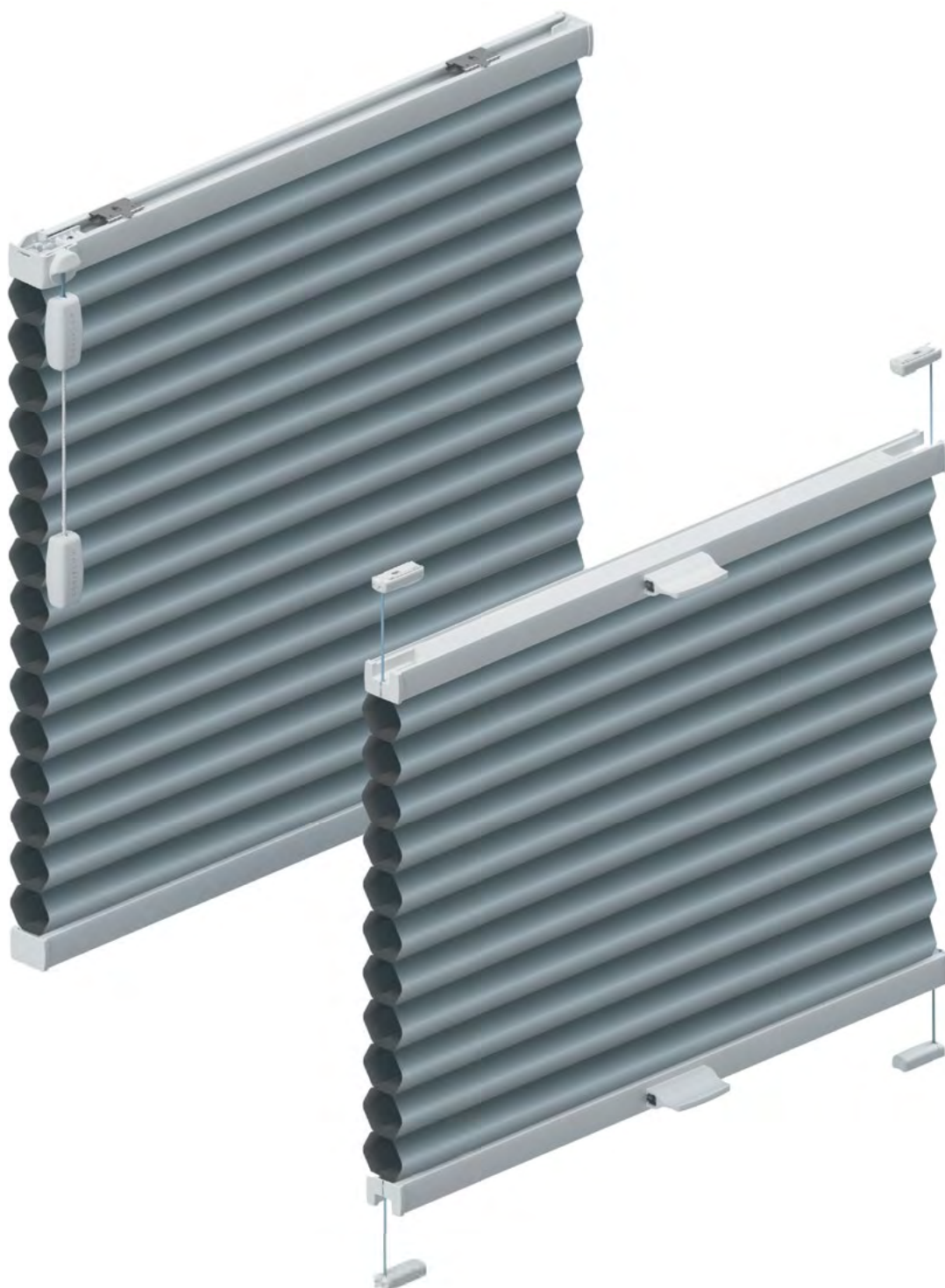
Simply Cell blinds are **ONLY** suitable for use in heated indoor areas. Simply Cell blinds have **NOT** been designed for outdoor use (e.g. in open or partly glazed roof coverings), for swimming pool enclosures or greenhouses and under twin-wall sheets or plastic windows. No warranty claims can be accepted for this!

Motorised blinds

Motorised blinds are not suitable for use in humid areas and damp locations.

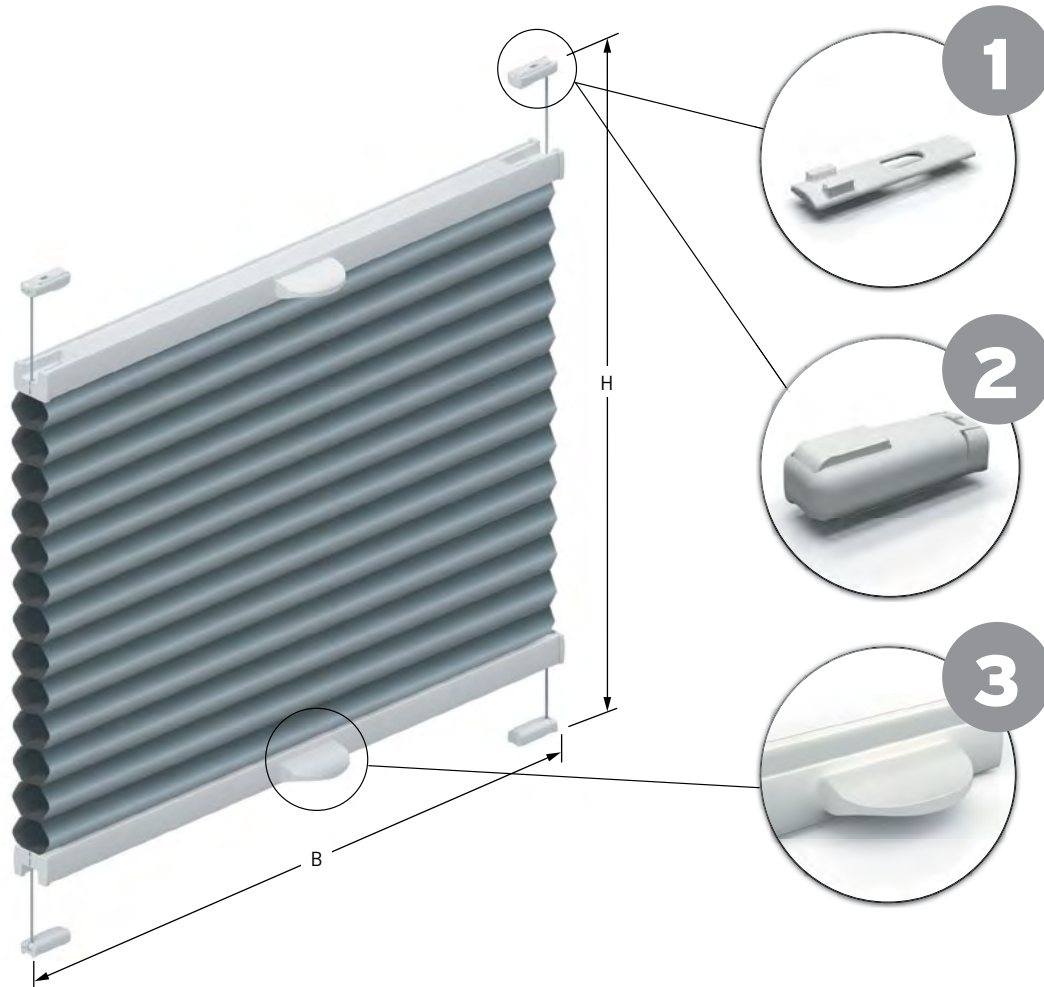
1 Pre-tensioned and freehanging blinds

for rectangular, vertical windows (tilt and turn windows / balcony doors)



1 Pre-tensioned blinds

VS 2 *Deluxe*



The VS 2 DELUXE is the high-end blind version and always includes

- 1 Anti twist items for all four tension shoes.
- 2 Magnetic fixing for the upper operating rail.
- 3 A high-quality, pre-assembled design handle.

Size range

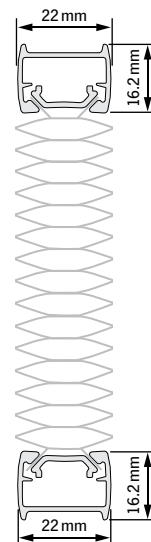
Width (B)	min.	23 cm
	max.	150 cm
Height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm
Area	max.	2,6 m ²

Rail colours

white matt	black-brown matt
silver	anthracite matt
bronze	silver brushed (extra charge)

Package heights

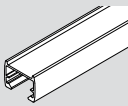
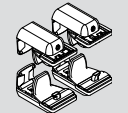
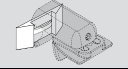
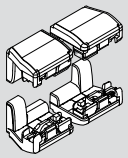
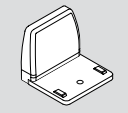
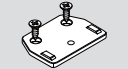
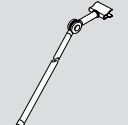
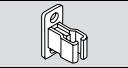
Blind height	Package height
50 cm	approx. 5 cm
100 cm	approx. 6 cm
150 cm	approx. 7 cm
200 cm	approx. 8 cm
220 cm	approx. 9 cm



1 Pre-tensioned blinds

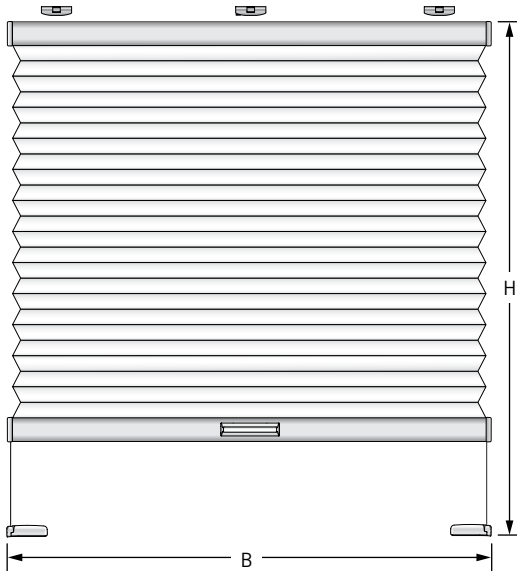
Special accessories VS 2 *Deluxe*

Surcharge on request.

Art. no.	Description
	rail, silver brushed
	2303 20 2303 03 2303 05 clamp bracket (tension shoe base clippable), set of 4 white grey black-brown
	2349 06 sealing pad for clamp bracket 2303 XX black
	8048 20 8048 03 8048 05 8048 24 8048 26 beading bracket, set of 4 (for magnetic fixing) white grey black-brown anthracite bronze
	8045 20 8045 03 8045 05 8045 24 8045 26 wall fitting bracket with cover white grey black-brown anthracite bronze
	8004 20 mounting plate for narrow window rebate, with screws white
	3309 02 3310 02 3311 02 3312 02 operating rod with joint 125 cm 150 cm 200 cm 250 cm
	2924 03 clamp for operating rod/crank grey
	2930 20 2930 03 2930 05 adaptor 7.5°, adaptable up to 45° white grey black-brown

1 Pre-tensioned blinds

VS 1

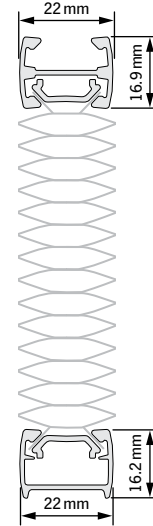


Size range Simply Cell blinds

Width (B)	min.	12 cm
	max.	150 cm
Height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm
Area	max.	2,6 m ²

Package heights

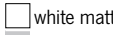
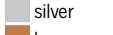
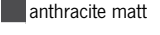
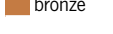
Blind height	Package height
	
50 cm	approx. 5 cm
100 cm	approx. 6 cm
150 cm	approx. 7 cm
200 cm	approx. 8 cm
220 cm	approx. 9 cm



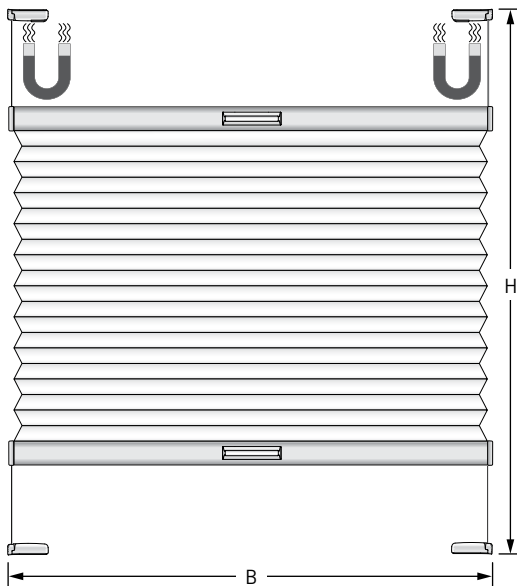
Note

- This blind style is designed for windows at a maximum angle of 15°!

Rail colours

 white matt	 black-brown matt
 silver	 anthracite matt
 bronze	

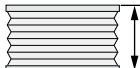
VS 2 with magnetic fixing

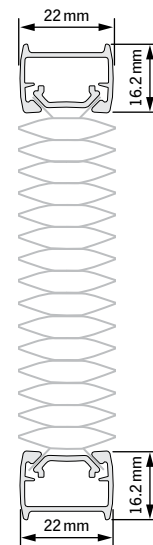


Size range Simply Cell blinds

Width (B)	min.	23 cm
	max.	150 cm
Height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm
Area	max.	2,6 m ²

Package heights

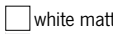
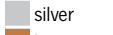
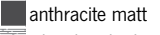
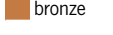
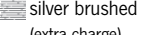
Blind height	Package height
	
50 cm	approx. 5 cm
100 cm	approx. 6 cm
150 cm	approx. 7 cm
200 cm	approx. 8 cm
220 cm	approx. 9 cm



Note

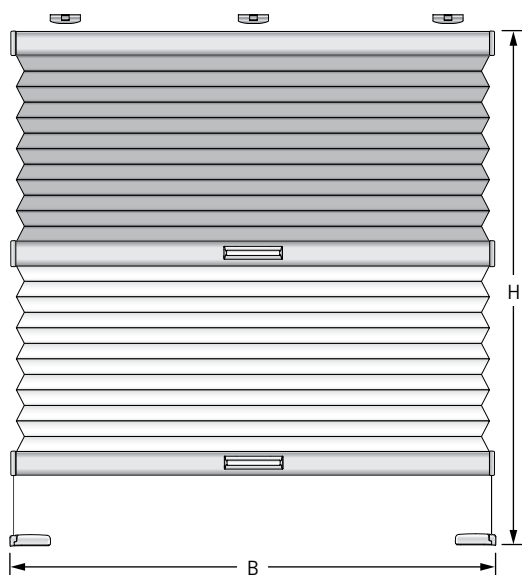
- Magnetic fixing only at the top.
- This blind style is designed for windows at a maximum angle of 15°!

Rail colours

 white matt	 black-brown matt
 silver	 anthracite matt
 bronze	 silver brushed (extra charge)

1 Pre-tensioned blinds

VS 3

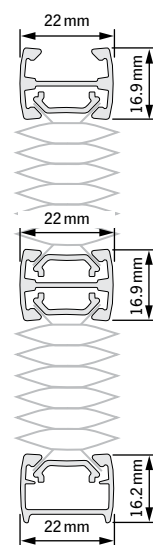


Size range Simply Cell blinds

Width (B)	min.	12 cm
	max.	150 cm
Height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm
Area	max.	2,6 m ²

Package heights

Blind height	Package height
50 cm	approx. 9 cm
100 cm	approx. 10 cm
150 cm	approx. 11 cm
200 cm	approx. 12 cm
220 cm	approx. 13 cm



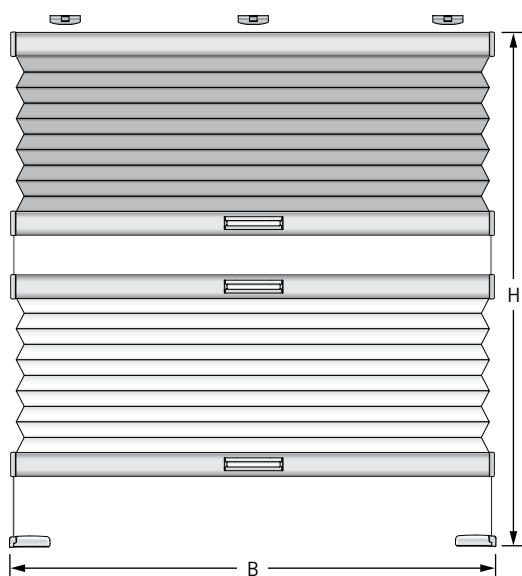
Note

- This blind style is designed for windows at a maximum angle of 15°!

Rail colours

white matt	black-brown matt
silver	anthracite matt
bronze	

VS 3 SD

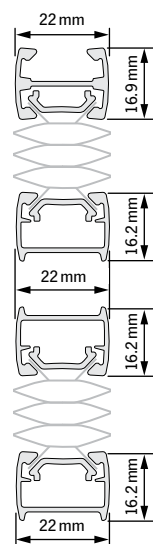


Size range Simply Cell blinds

Width (B)	min.	12 cm
	max.	100 cm
Height (H)	min.	20 cm
	max.	220 cm
Area	max.	2,6 m ²

Package heights

Blind height	Package height
50 cm	approx. 9 cm
100 cm	approx. 10 cm
150 cm	approx. 11 cm
200 cm	approx. 12 cm
220 cm	approx. 13 cm



Note

- Gap between the operating rails possible.
- Unless specified otherwise, the black out fabric is always at the top.
- This blind style is designed for windows at a maximum angle of 15°!

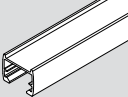
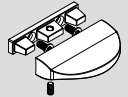
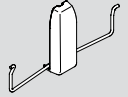
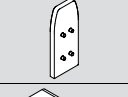
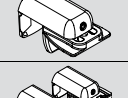
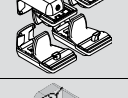
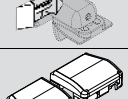
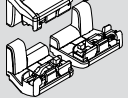
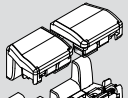
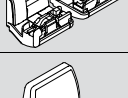
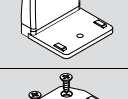
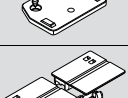
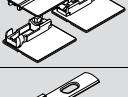
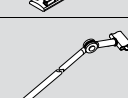
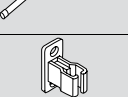
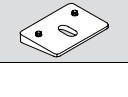
Rail colours

white matt	black-brown matt
silver	anthracite matt
bronze	

1 Pre-tensioned blinds

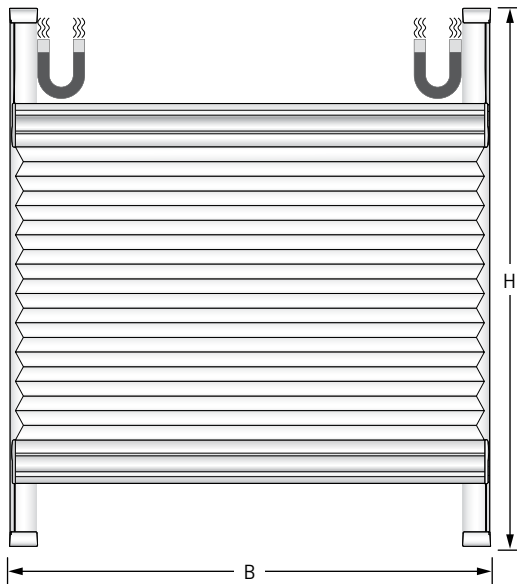
Special accessories VS 1, VS 2, VS 3, VS 3 SD

Surcharge on request.

Art. no.	Description
	rail, silver brushed (only for VS 2)
 8049 XX	design handle ..20 white; ..03 grey; ..05 black-brown; ..24 anthracite; ..26 bronze
 8006 XX	clamp bracket slim (only for VS 2) (not for magnetic fixing) ..20 white; ..03 grey; ..05 black-brown; ..24 anthracite
 2925 XX	distance piece for clamp bracket slim (only for VS 2) ..20 white; ..03 grey; ..05 black-brown; ..24 anthracite
 2302 XX	clamp bracket (only for VS 1, VS 3) ..20 white; ..03 grey; ..05 black-brown
 2303 XX	clamp bracket, set of 4 (only for VS 2) ..20 white; ..03 grey; ..05 black-brown
 2349 06	sealing pad for clamp bracket 2302 XX/2303 XX. black
 8046 XX	beading bracket, set of 4 (only for VS 2) (not for magnetic fixing) ..20 white; ..03 grey; ..05 black-brown; ..24 anthracite; ..26 bronze
 8048 XX	beading bracket, set of 4 (only for VS 2) (for magnetic fixing) ..20 white; ..03 grey; ..05 black-brown; ..24 anthracite; ..26 bronze
 8045 XX	wall fitting bracket with cover ..20 white; ..03 grey; ..05 black-brown; ..24 anthracite; ..26 bronze
 8004 20	mounting plate for narrow window rebate (incl. screws / only for VS 2) white
 2012 20	tension shoe base with adhesive plate, set of 4 (only for VS 2) (not for magnetic fixing) up to 2 m² white
 2098 20	anti twist item for tension shoe white
 3309 02 3310 02 3311 02 3312 02	operating rod with joint 125 cm 150 cm 200 cm 250 cm
 2924 03	clamp for operating rod/crank grey
 2930 XX	adaptor 7.5° (adaptable up to 45°) ..20 white; ..03 grey; ..05 black-brown

1 Pre-tensioned blinds

VS 2 Slide Comfort (with side guide channels and handle bar) screwless fitting



Notes

- Fitted with adhesive rail directly on the glass pane.
- No drilling or screwing required.
- Magnetic fixing only at the top.
- Only possible **with** magnetic fixing.
- This blind style is designed for windows at a maximum angle of 15°!

Size range Simply Cell blinds

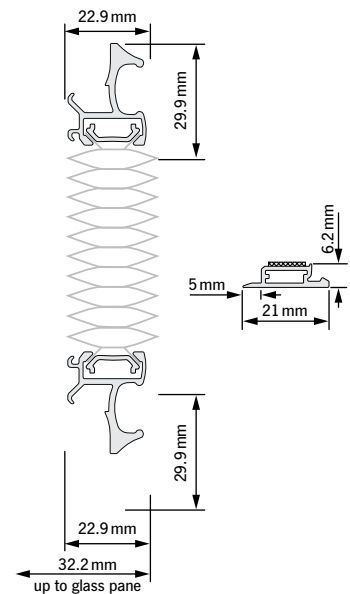
Width (B)	min.	23 cm
	max.	180 cm
Height (H)	min.	20 cm
	max.	180 cm
up to 150 cm width	max.	220 cm
Area	max.	3,2 m ²

Package heights

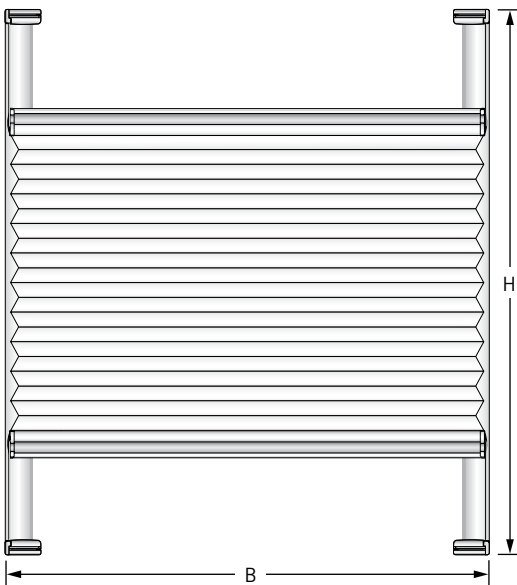
Blind height	Package height
50 cm	approx. 7.5 cm
100 cm	approx. 8.5 cm
150 cm	approx. 9.5 cm
200 cm	approx. 10.5 cm
220 cm	approx. 11.5 cm

Rail colours

☐ white matt	☐ grey matt
	☐ anthracite matt



VS 2 Slide (with side guide channels and handle bar) screwless fitting



Notes

- Fitted with adhesive rail directly on the glass pane.
- No drilling or screwing required.
- This blind style is designed for windows at a maximum angle of 15°!

Size range Simply Cell blinds

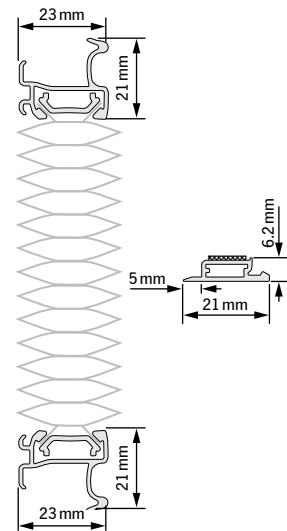
Width (B)	min.	23 cm
	max.	150 cm
Height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm
Area	max.	2,5 m ²

Package heights

Blind height	Package height
50 cm	approx. 6 cm
100 cm	approx. 7 cm
150 cm	approx. 8 cm
200 cm	approx. 9 cm
220 cm	approx. 10 cm

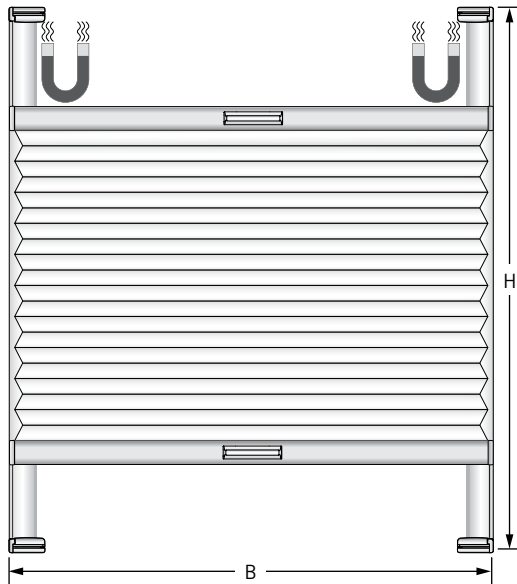
Rail colours

☐ white matt	☐ grey matt
	☐ anthracite matt



1 Pre-tensioned blinds

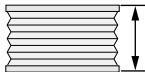
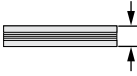
VS 2 KL screwless fitting

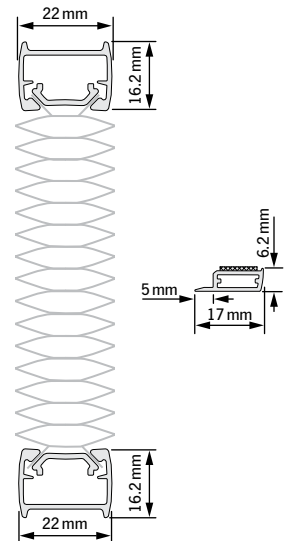


Size range Simply Cell blinds

Width (B)	min.	23 cm
	max.	150 cm
Height (H)	min.	20 cm
	max.	150 cm
up to 120 cm width	max.	220 cm
Area	max.	2,5 m ²

Package heights

Blind height	Package height
	
50 cm	approx. 5 cm
100 cm	approx. 6 cm
150 cm	approx. 7 cm
200 cm	approx. 8 cm
220 cm	approx. 9 cm



Notes

- Fitted with adhesive rail directly on the glass pane.
- No drilling or screwing required.
- Magnetic fixing only at the top.
- This blind style is designed for windows at a maximum angle of 15°!

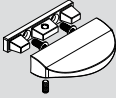
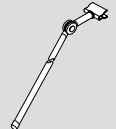
Rail colours

☐ white matt ☐ silver

1 Pre-tensioned blinds

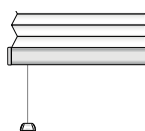
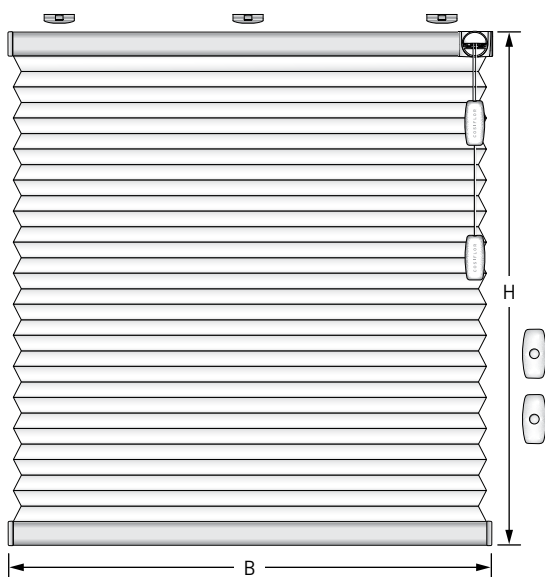
Special accessories VS 2 Slide Comfort, VS 2 Slide, VS 2 KL

Surcharge on request.

	Art. no.	Description
	8049 20	design handle (VS 2 KL only)
	8049 03	white
	8049 05	grey
	8049 24	black-brown
	8049 26	anthracite
	3309 02	operating rod with joint (VS 2 KL only)
	3310 02	125 cm
	3311 02	150 cm
	3312 02	200 cm
	3312 02	250 cm
	3329 03	operating rod with joint (VS 2 Slide and VS 2 Slide Comfort only)
	3330 03	125 cm
	3331 03	150 cm
	3332 03	200 cm
	3332 03	250 cm
	2924 03	clamp for operating rod/crank
		grey

1 Freehanging blinds with cord operation

F 1



Notes

- Also available with guide wires (extra charge).
- Operation possible on left or right (please specify).

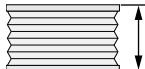
Size range Simply Cell blinds

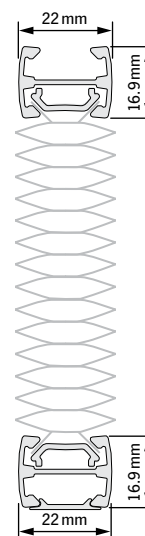
Width (B)	min.	15 cm
	max. ¹	280 cm
Height (H)	min.	30 cm
	max.	300 cm
Area	max. ¹	6 m ²

¹ depending on fabric width

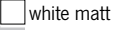
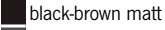
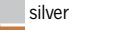
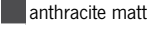
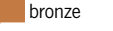
Please find detailed information on page 1.11.

Package heights

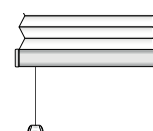
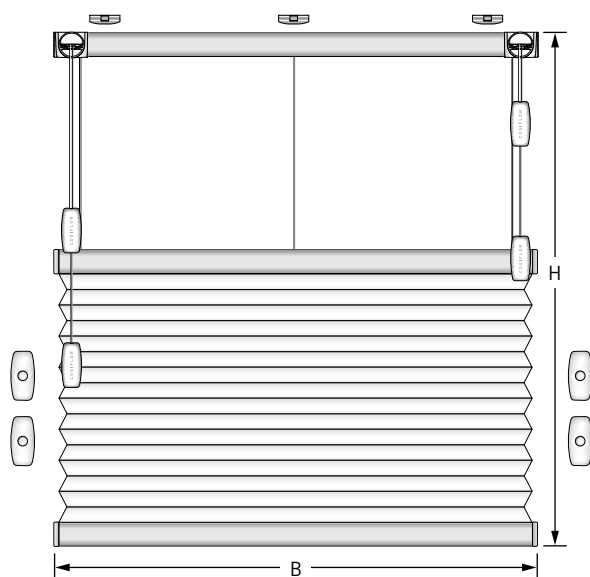
Blind height	Package height
	
50 cm	approx. 5 cm
100 cm	approx. 6 cm
150 cm	approx. 7 cm
200 cm	approx. 8 cm
260 cm	approx. 9 cm



Rail colours

 white matt	 black-brown matt
 silver	 anthracite matt
 bronze	

F 2



Notes

- Also available with guide wires (extra charge).
- F 2 blinds always with two cord locks.
- Cords in the view fields.

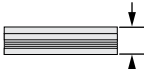
Size range Simply Cell blinds

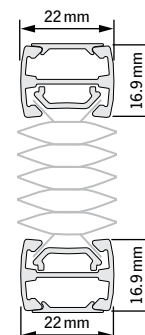
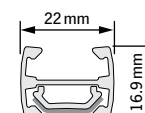
Width (B)	min.	15 cm
	max. ¹	200 cm
Height (H)	min.	30 cm
	max.	300 cm
Area	max. ¹	6 m ²

¹ depending on fabric width

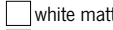
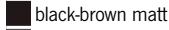
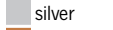
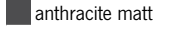
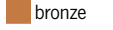
Please find detailed information on page 1.11.

Package heights

Blind height	Package height
	
50 cm	approx. 6 cm
100 cm	approx. 7 cm
150 cm	approx. 8 cm
200 cm	approx. 9 cm
260 cm	approx. 10 cm

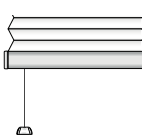
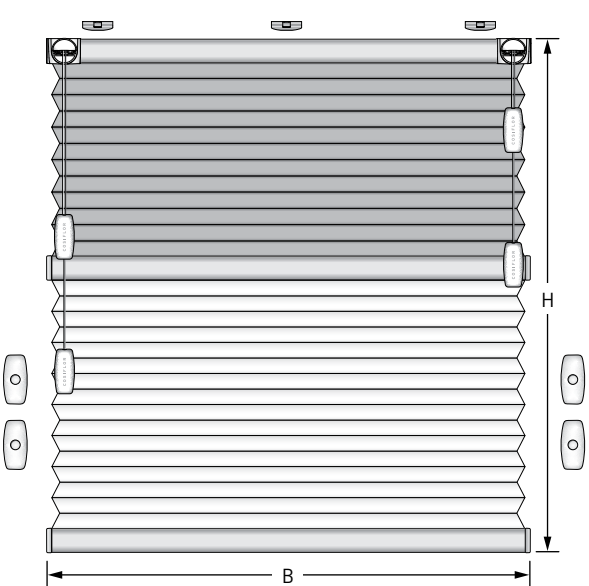


Rail colours

 white matt	 black-brown matt
 silver	 anthracite matt
 bronze	

1 Freehanging blinds with cord operation

F 3



- Notes**
- Also available with guide wires (extra charge).
 - F 3 blinds always with two cord locks.
 - Unless specified otherwise, the black out fabric is always at the top.

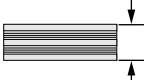
Size range Simply Cell blinds

Width (B)	min.	15 cm
	max.	180 cm
Height (H)	min.	30 cm
	max.	300 cm
Area	max. ¹	5 m ²

¹ max. sizes depend on fabric quality

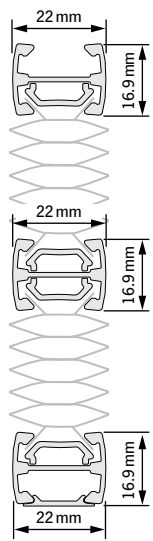
Please find detailed information on page bottom

Package heights

Blind height	Package height
	
50 cm	approx. 7 cm
100 cm	approx. 8 cm
150 cm	approx. 9 cm
200 cm	approx. 10 cm
260 cm	approx. 11 cm

Rail colours

 white matt	 black-brown matt
 silver	 anthracite matt
 bronze	



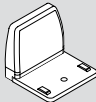
Limitations

model type	max. height in cm (please refer material properties)	max. area in m ²
F 1	260	5
	230	4
	170	3
F 2	260	5
	230	4
	170	3
F 3	260	4
	230	3
	170	2

1 Freehanging blinds with cord operation

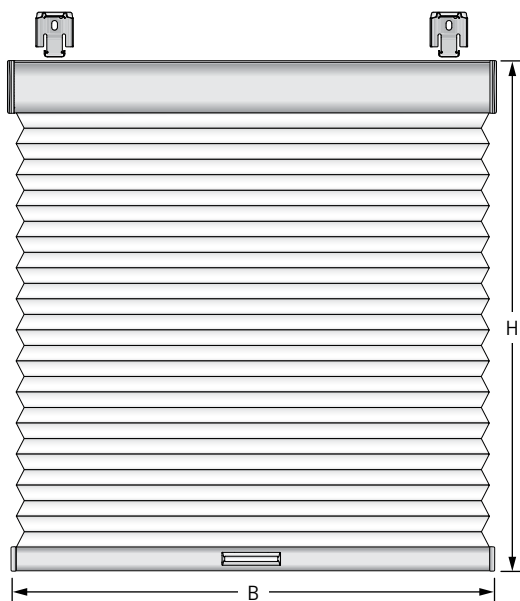
Special accessories F 1, F 2, F 3

Surcharge on request.

	Art. no.	Description
	2302 20	clamp bracket white
	2302 03	grey
	2302 05	black-brown
	2349 06	sealing pad for clamp bracket 2302 XX black
	8045 20	wall fitting bracket with cover white
	8045 03	grey
	8045 05	black-brown
	8045 24	anthracite
	8045 26	bronze
	2930 20	adaptor 7.5° (adaptable up to 45°) white
	2930 03	grey
	2930 05	black-brown

1 Freehanging blinds with handle, chain operation, motorised

F Touch with operating handle



Note

- Not available with guide wires.

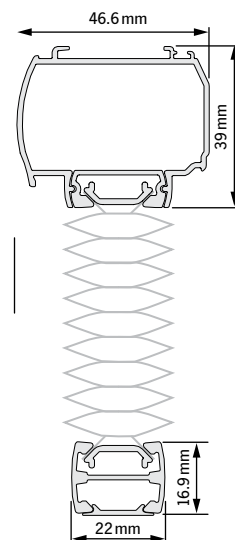
Size range Simply Cell blinds

Width (B)	min.	45 cm
	max. ¹	220 cm
Height (H)	min.	30 cm
	max.	210 cm

¹ depending on fabric width

Package heights

Blind height	Package height
50 cm	approx. 7 cm
100 cm	approx. 8 cm
150 cm	approx. 9 cm
200 cm	approx. 10 cm



Rail colours

white matt	black-brown matt
silver	anthracite matt

F 4 with chain operation



Size range Simply Cell blinds

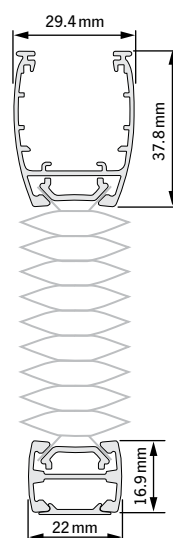
Width (B)	min.	40 cm
	max. ¹	280 cm
Height (H)	min.	30 cm
	max.	260 cm
Area	max.	6 m ²

¹ depending on fabric width

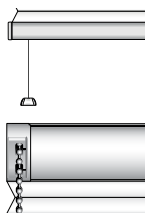
Please find detailed information on page 1.15.

Package heights

Blind height	Package height
50 cm	approx. 7 cm
100 cm	approx. 8 cm
150 cm	approx. 9 cm
200 cm	approx. 10 cm
260 cm	approx. 11 cm



Notes



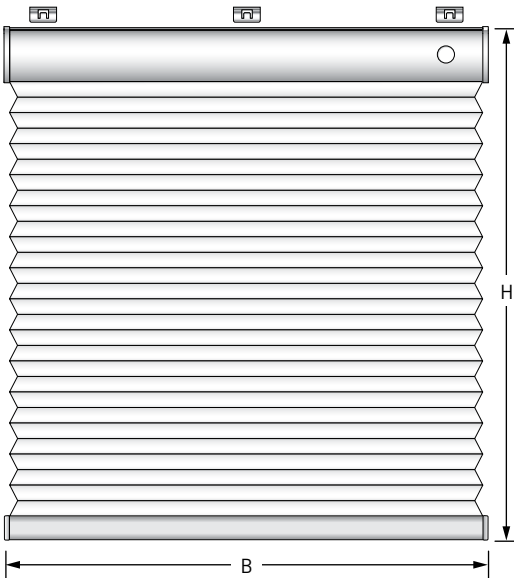
- Also available with guide wires (extra charge) (max. vertical tilting angle then is 15°).
- Operation possible on left or right (please specify).
- No protruding gear at the side.
- Child Safe detachable chain drive gear can be easily re-inserted.

Rail colours

white matt	black-brown matt
silver	anthracite matt

1 Freehanging blinds with handle, chain operation, motorised

FE A with 7.4 V battery motor



Notes

- Also available with guide wires (extra charge) (max. vertical tilting angle then is 15°).
- Battery connection possible on left or right (please specify).
- Charging socket in the front of the head rail.
- Not suitable for installation in humid areas and damp locations.

Size range Simply Cell blinds

Width (B)	min.	70 cm
	max. ¹	280 cm
Height (H)	min.	30 cm
	max.	300 cm
Area	max.	6 m ²

¹ depending on fabric width

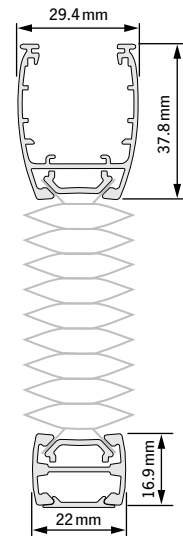
Please find detailed information on page 1.15.

Package heights

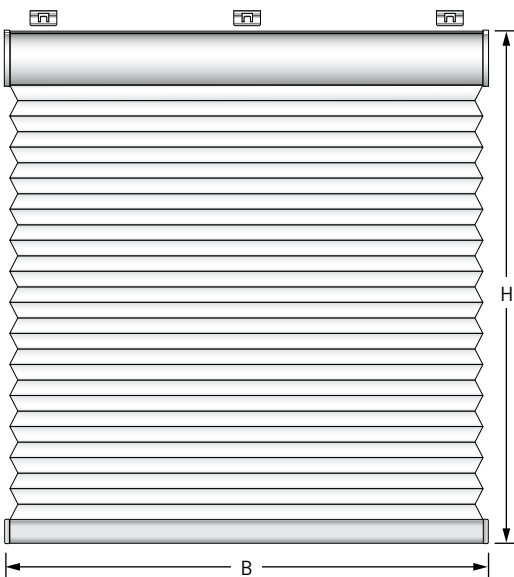
Blind height	Package height
100 cm	approx. 8 cm
150 cm	approx. 9 cm
200 cm	approx. 10 cm
260 cm	approx. 11 cm

Rail colours

white matt	black-brown matt
silver	anthracite matt



FE with 24 V motor



Notes

- Also available with guide wires (extra charge) (max. vertical tilting angle then 15°).
- Cable outlet possible on left or right (please specify).
- Not suitable for installation in humid areas and damp locations.

Size range Simply Cell blinds

Width (B)	min.	60 cm
	max. ¹	280 cm
Height (H)	min.	30 cm
	max.	300 cm
Area	max.	6 m ²

¹ depending on fabric width

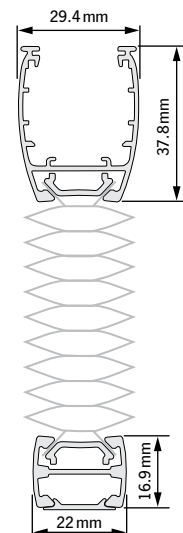
Please find detailed information on page 1.15.

Package heights

Blind height	Package height
100 cm	approx. 8 cm
150 cm	approx. 9 cm
200 cm	approx. 10 cm
260 cm	approx. 11 cm

Rail colours

white matt	black-brown matt
silver	anthracite matt

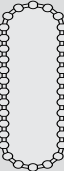


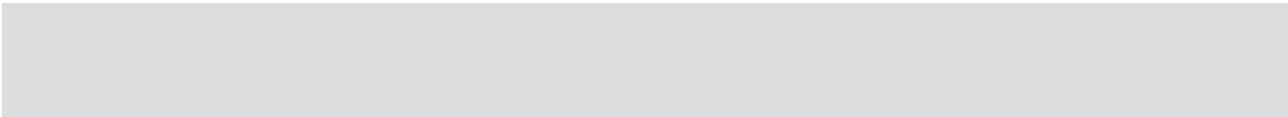
1 Freehanging blinds

with handle, chain operation, motorised

Special accessories F Touch, F 4, FE A, FE

Surcharge on request.

	Art. no.	Description
	2302 20	clamp bracket (not F Touch)
	2302 03	white
	2302 05	grey
	2302 05	black-brown
	2349 06	sealing pad for clamp bracket 2302 XX (not F Touch)
		black
	2220 20	wall fitting bracket (not F Touch)
	2220 03	white
	2220 05	grey
	2220 05	black-brown
	2220 24	anthracite
	2220 26	bronze
	2930 20	adaptor 7.5° (adaptable up to 45°, not F Touch)
	2930 03	white
	2930 05	grey
	2930 05	black-brown
	24.5396	Nickel Plated metal chains (only F4),
	24.5397	operation length
	24.5398	500 mm
	24.5399	750 mm
	24.5403	1000 mm
	24.5404	1250 mm
	24.5405	1500 mm
	24.5406	1750 mm
	24.5407	2000 mm
		2500 mm
		3000 mm



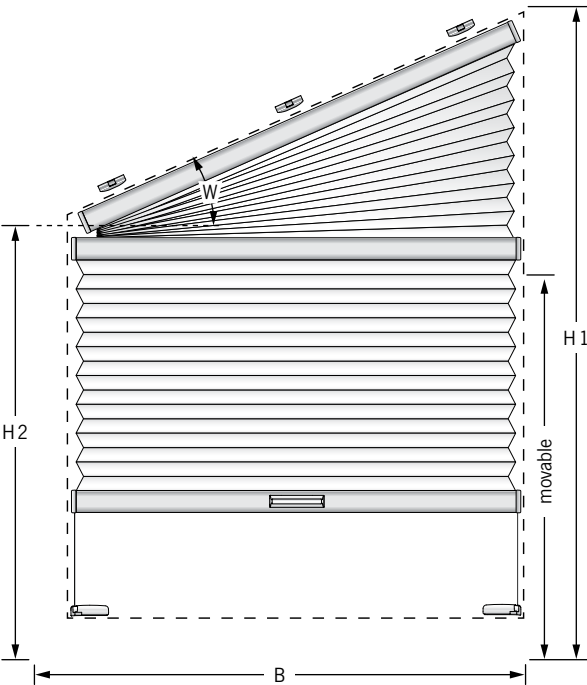
2 Pre-tensioned and freehanging blinds
for special shaped windows (turn and tilt windows)



i	General information
1	Vertical blinds rectangular
2	Vertical blinds special shapes
3	Roof blinds
4	Roof blinds rectangular
5	Measurements
6	Accessories motorised
7	Accessoires
8	Material properties

2 Pre-tensioned special shaped blinds

VS 4



Note

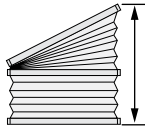
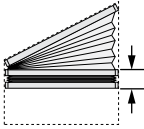
- The tall height (H 1) can either be on the left or right.
- This blind style is designed for tilt and turn windows that angle in to the room up to a maximum of 15 degrees!

Size range Simply Cell blinds

Width (B)	min.	30 cm
	max.	150 cm
Slope width	max. ¹	230 cm
Height 1 (H 1)	min.	30 cm
	max.	150 cm
up to 120 cm width	max.	220 cm
Height 2 (H 2)	min.	10 cm
Angle (W)	min.	5°
	max.	40°

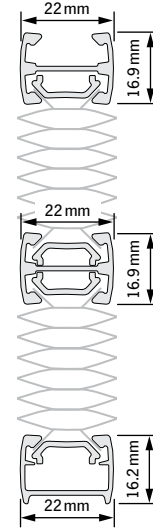
¹ depending on fabric width

Package heights

Blind height	Package height
	
50 cm	approx. 5 cm
100 cm	approx. 6 cm
150 cm	approx. 7 cm
200 cm	approx. 8 cm
220 cm	approx. 9 cm

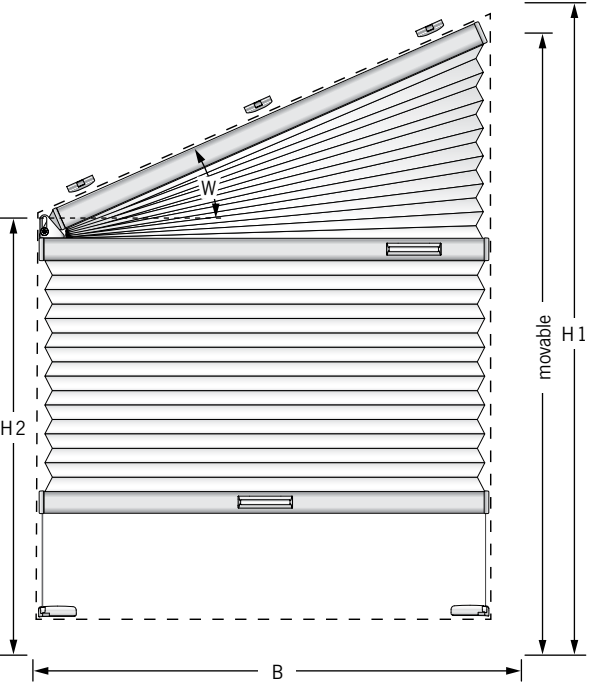
Rail colours

 white matt	 black-brown matt
 silver	 anthracite matt
 bronze	



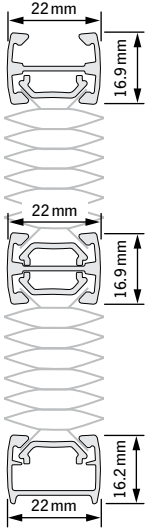
2 Pre-tensioned special shaped blinds

VS 4 S



Size range Simply Cell blinds		
Width (B)	min.	30 cm
	max.	100 cm
Height 1 (H 1)	min.	30 cm
	max.	220 cm
Height 2 (H 2)	min.	10 cm
Angle (W)	min.	15°
	max.	35°

Package heights	
Blind height	Package height
50 cm	approx. 6 cm
100 cm	approx. 7 cm
150 cm	approx. 8 cm
200 cm	approx. 9 cm
220 cm	approx. 10 cm



Notes

- The tall height (H 1) can either be on the left or right.
- The hanging can be pushed up to the sloped rail.
- The middle rail is not movable with an operating rod.
- Consider adaptors to level angled window rebates.
- This blind style is designed for tilt and turn windows that angle in to the room up to a maximum of 15 degrees

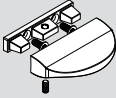
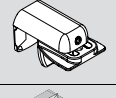
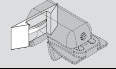
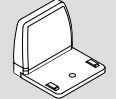
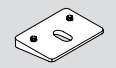
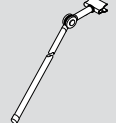
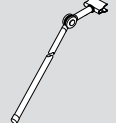
Rail colours

- ☐ white matt ☒ black-brown matt
☐ silver

2 Pre-tensioned special shaped blinds

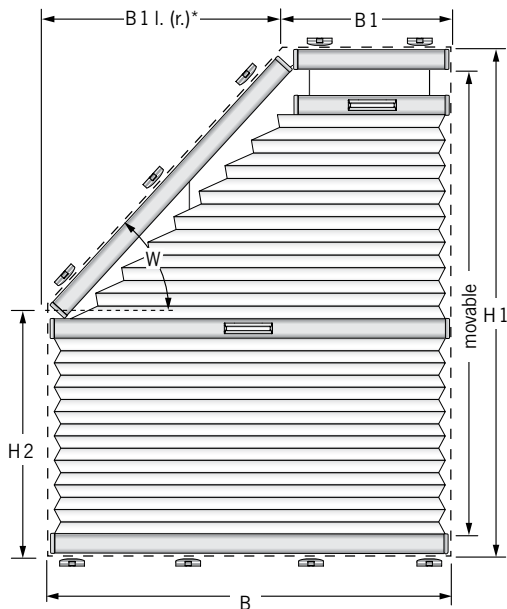
Special accessories VS 4, VS 4 S

Surcharge on request.

	Art. no.	Description
	8049 20	design handle
	8049 03	white
	8049 05	grey
	8049 24	black-brown
	8049 26	anthracite
	2302 20	bronze
	2302 03	white
	2302 05	grey
	2302 05	black-brown
	2349 06	clamp bracket 2302 XX black
	8045 20	sealing pad for clamp bracket 2302 XX
	8045 03	black
	8045 05	white
	8045 24	grey
	8045 26	black-brown
	2930 20	wall fitting bracket with cover
	2930 03	white
	2930 05	grey
	2098 20	black-brown
	3309 02	adaptor 7.5°, adaptable up to 45°
	3310 02	white
	3311 02	grey
	3312 02	black-brown
	2924 03	anti twist item for tension shoe
		white
	3309 02	operating rod with joint
	3310 02	125 cm
	3311 02	150 cm
	3312 02	200 cm
	2924 03	250 cm
		clamp for operating rod/crank
		grey

2 Pre-tensioned special shaped blinds

VS 5 Pentagon



Notes

- * The slope may be either left or right.
- B 1 + B 1 l. (r.) always add up to the width B.
- Fixed tension cords.
- This blind style is designed for tilt and turn windows that angle in to the room up to a maximum of 15 degrees

Size range Simply Cell blinds

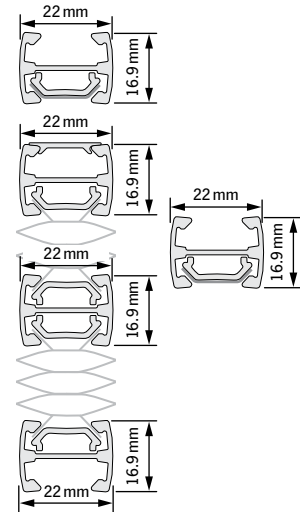
Width (B)	min.	30 cm
	max.	150 cm
Short width (B 1)	min.	12 cm
	max.	145 cm
Overhang (B 1 l./r.)	min.	5 cm
	max.	120 cm
Height 1 (H 1)	min.	30 cm
	max.	150 cm
up to 120 cm width	max.	200 cm
Height 2 (H 2)	min.	10 cm
Angle (W)	min.	25°
	max.	80°

Package heights

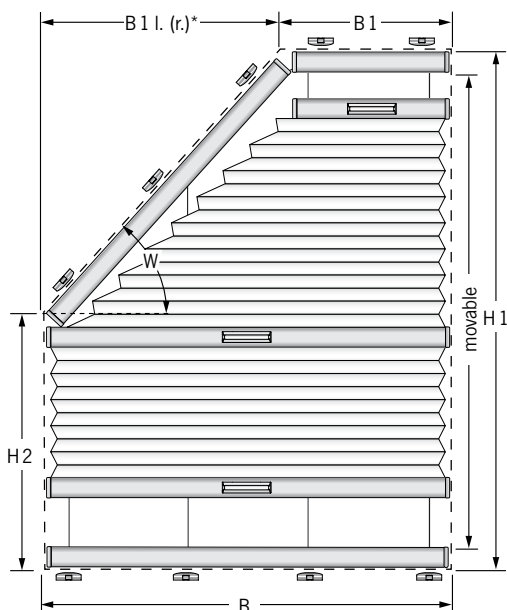
Blind height	Package height
50 cm	approx. 7 cm
100 cm	approx. 8 cm
150 cm	approx. 9 cm
200 cm	approx. 10 cm

Rail colours

white matt	black-brown matt
silver	anthracite matt
bronze	



VS 5 SD Pentagon



Notes

- * The slope may be either left or right.
- B 1 + B 1 l. (r.) always add up to the width B.
- Fixed tension cords.
- This blind style is designed for tilt and turn windows that angle in to the room up to a maximum of 15 degrees!

Size range Simply Cell blinds

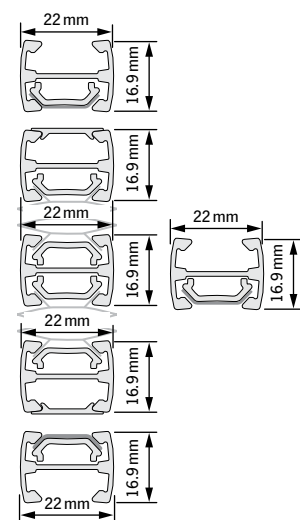
Width (B)	min.	30 cm
	max.	100 cm
Short width (B 1)	min.	12 cm
	max.	95 cm
Overhang (B 1 l./r.)	min.	5 cm
	max.	88 cm
Height 1 (H 1)	min.	30 cm
	max.	200 cm
Height 2 (H 2)	min.	10 cm
Angle (W)	min.	25°
	max.	80°

Package heights

Blind height	Package height
50 cm	approx. 9 cm
100 cm	approx. 10 cm
150 cm	approx. 11 cm
200 cm	approx. 12 cm

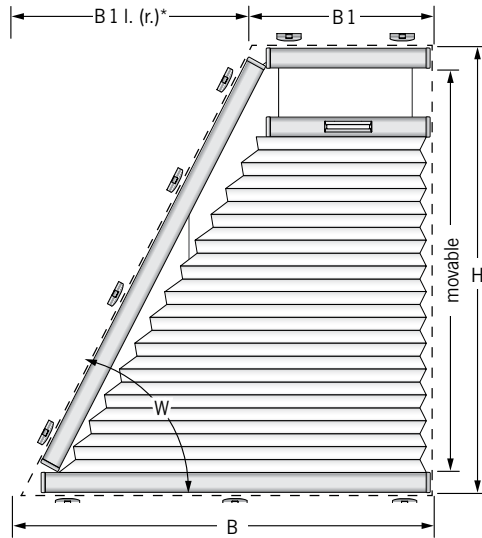
Rail colours

white matt	black-brown matt
silver	anthracite matt
bronze	



2 Pre-tensioned special shaped blinds

VS 8 Trapezium



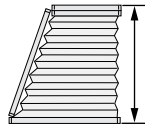
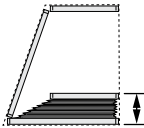
Notes

- * The slope may be either left or right.
- B 1 + B 1 l. (r.) always add up to the width B.
- Fixed tension cords.
- This blind style is designed for tilt and turn windows that angle in to the room up to a maximum of 15 degrees!

Size range Simply Cell blinds

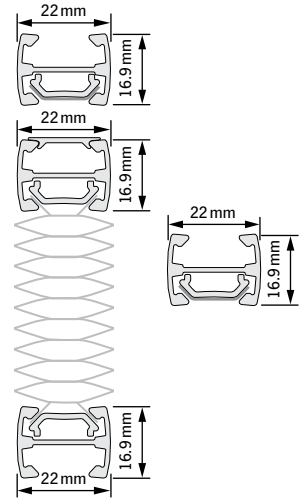
Width (B)	min.	30 cm
	max.	150 cm
Short width (B 1)	min.	12 cm
	max.	145 cm
Overhang (B 1 l./r.)	min.	5 cm
	max.	120 cm
Height 1 (H 1)	min.	30 cm
	max.	150 cm
up to 120 cm width	max.	200 cm
Angle (W)	min.	25°
	max.	80°

Package heights

Blind height	Package height
	
50 cm	approx. 7 cm
100 cm	approx. 8 cm
150 cm	approx. 9 cm
200 cm	approx. 10 cm

Rail colours

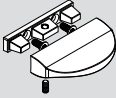
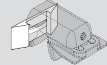
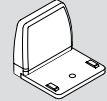
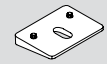
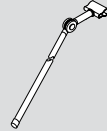
 white matt	 black-brown matt
 silver	 anthracite matt
 bronze	



2 Pre-tensioned special shaped blinds

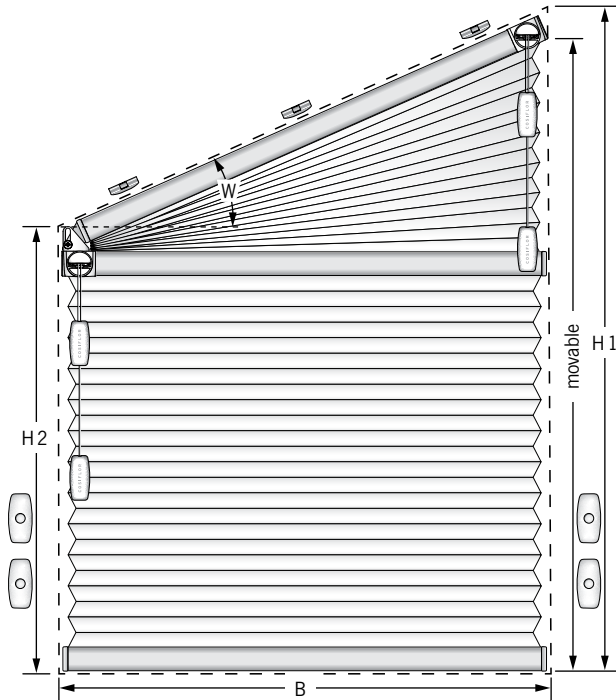
Special accessories VS 5, VS 5 SD, VS 8

Surcharge on request.

	Art. no.	Description
	8049 20	design handle
	8049 03	white
	8049 05	grey
	8049 24	black-brown
	8049 26	anthracite
	2302 20	bronze
	2302 03	white
	2302 05	grey
	2302 05	black-brown
	2349 06	sealing pad for clamp bracket 2302 XX black
	8045 20	wall fitting bracket with cover
	8045 03	white
	8045 05	grey
	8045 24	black-brown
	8045 26	anthracite
	2930 20	bronze
	2930 03	white
	2930 05	grey
	2930 05	black-brown
	3309 02	operating rod with joint
	3310 02	125 cm
	3311 02	150 cm
	3312 02	200 cm
	2924 03	250 cm clamp for operating rod/crank grey

2 Freehanging special shaped blinds

F Slope 2



- Notes**
- The tall height (H 1) can either be on the left or right.
 - Not available with guide wires.
 - The hanging can be pulled up to the sloped rail.
 - Consider adaptors to level angled window rebates.
 - Operation on the low side for the bottom hanging, on the high side for the top hanging.
 - This blind style is designed for tilt and turn windows that angle in to the room up to a maximum of 15 degrees!

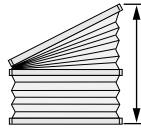
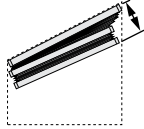
Limitations

model type	max. height in cm (please refer material properties)	max. area in m ²
F Slope 2	230	4
	170	3

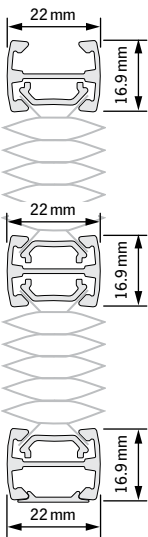
Size range Simply Cell blinds		
Width (B)	min.	30 cm
	up to 15° angle max.	220 cm
	up to 30° angle max.	190 cm
	up to 40° angle max.	170 cm

Slope width	max. ¹	220 cm
Height 1 (H 1)	min.	30 cm
	max.	260 cm
Height 2 (H 2)	min.	10 cm
Angle (W)	min.	5°
	max.	40°
Area	max.	5 m ²

¹ depending on fabric width
Please find detailed information on this page.

Package heights	
Blind height	Package height
	
50 cm	approx. 6 cm
100 cm	approx. 7 cm
150 cm	approx. 8 cm
200 cm	approx. 9 cm
260 cm	approx. 10 cm

Rail colours	
☐ white matt	☒ black-brown matt
☐ silver	

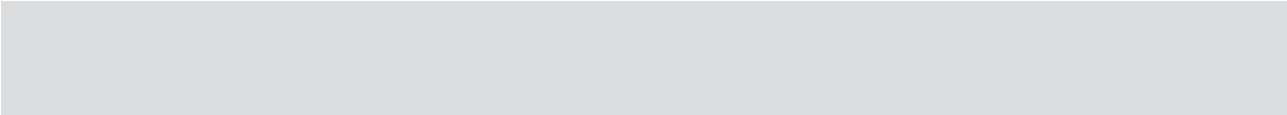


2 Freehanging special shaped blinds

Special accessories F Slope 2

Surcharge on request.

	Art. no.	Description
	2302 20	clamp bracket white
	2302 03	grey
	2302 05	black-brown
	2349 06	sealing pad for clamp bracket 2302 XX black
	8045 20	wall fitting bracket with cover white
	8045 03	grey
	8045 05	black-brown
	8045 24	anthracite
	8045 26	bronze
	2930 20	adaptor 7.5°, adaptable up to 45° white
	2930 03	grey
	2930 05	black-brown



8	Material properties
7	Accessoires
6	Accessories motorised
5	Measurements
4	Roof blinds rectangular
3	Roof blinds
2	Vertical blinds special shapes
1	Vertical blinds rectangular
i	General information

3 Roof blinds
DF Comfort blinds with side channels
or DF blinds with side cover strips



i General
information

1 Vertical blinds
rectangular

2 Vertical blinds
special shapes

3 Roof blinds

4 Roof blinds
rectangular

5 Measurements

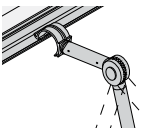
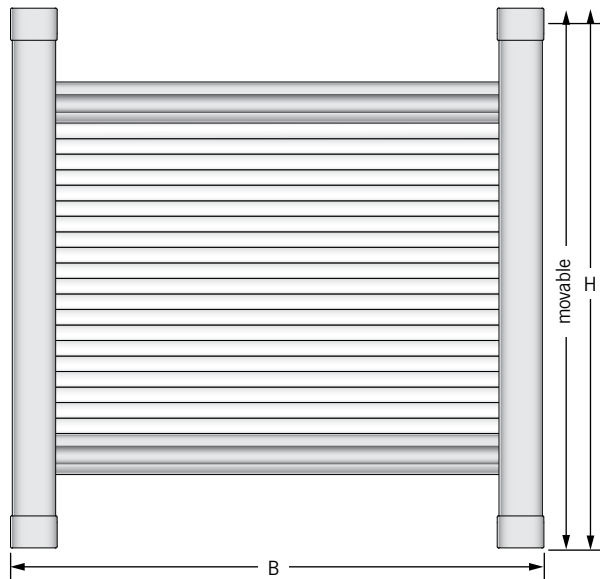
6 Accessories
motorised

7 Accessoires

8 Material
properties

3 Roof blinds

DF Comfort 20 with side channels



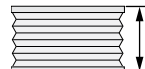
Notes

- Also available with operating rod (extra charge).
- Also available with magnetic fixing and brush strip (extra charge).
- For roof windows with sloped or straight window rebate possible.
- Fitting only inside the window rebate.
- This blind style is designed for roof windows at a maximum angle of 45°!

Size range Simply Cell blinds

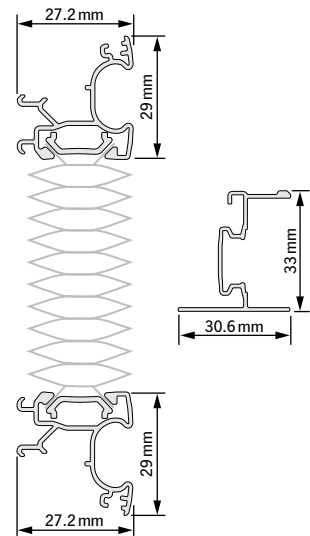
Width (B)	min.	25 cm
	max.	150 cm
Height (H)	min.	40 cm
	max.	150 cm
up to 120 cm width	max.	190 cm
Area	max.	2,2 m ²

Package heights

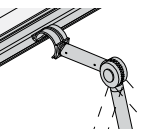
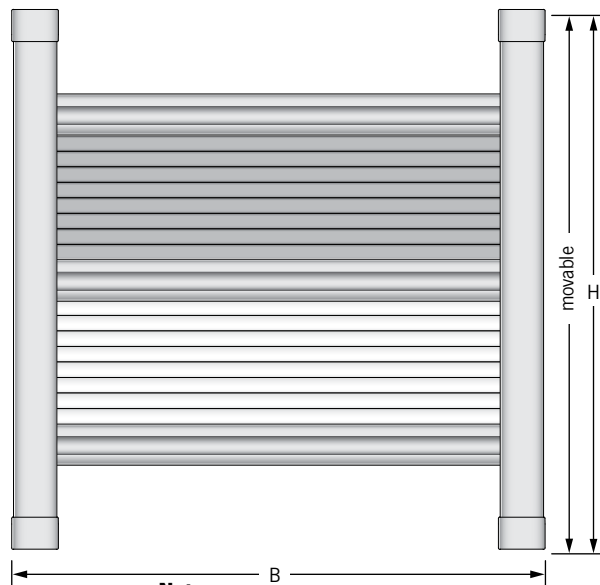
Blind height	Package height
	
50 cm	approx. 6 cm
100 cm	approx. 7 cm
150 cm	approx. 8 cm

Rail colours

☐ white matt ☒ grey matt



DF Comfort 30 with side channels



Notes

- Also available with operating rod (extra charge).
- Also available with magnetic fixing and brush strip (extra charge).
- For roof windows with sloped or straight window rebate possible.
- Fitting only inside the window rebate.
- This blind style is designed for roof windows at a maximum angle of 45°!

Size range Simply Cell blinds

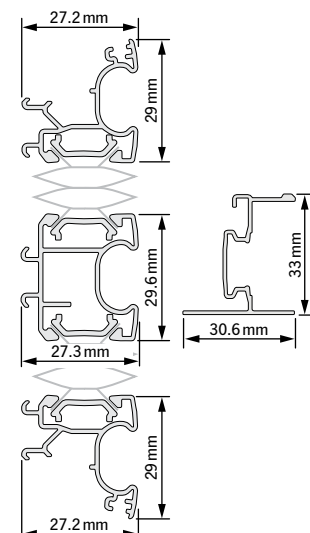
Width (B)	min.	25 cm
	max.	150 cm
Height (H)	min.	40 cm
	max.	150 cm
up to 120 cm width	max.	190 cm
area	max.	2,2 m ²

Package heights

Blind height	Package height
	
50 cm	approx. 10 cm
100 cm	approx. 12 cm
150 cm	approx. 14 cm

Rail colours

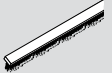
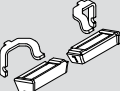
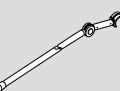
☐ white matt ☒ grey matt



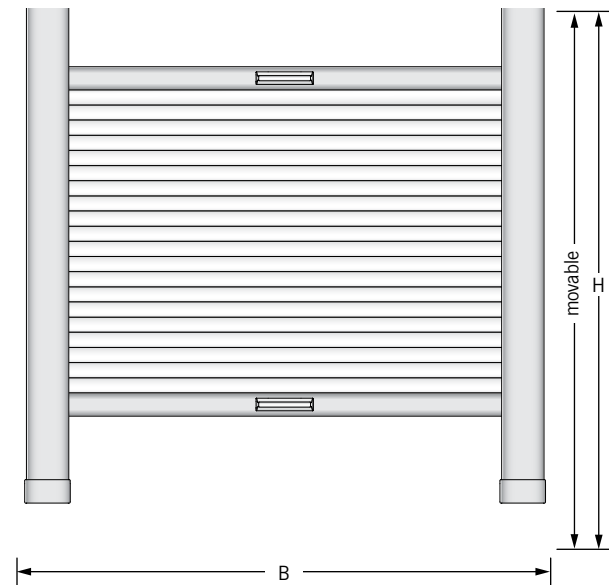
3 Roof blinds

Special accessories DF Comfort 20, 30

Surcharge on request.

Art. no.	Description
	brush strip
	magnetic fixing
8060 20	white
8060 03	grey
	operating rod with joint
3329 02	125 cm
3330 02	150 cm
3331 02	200 cm
3332 02	250 cm
	clamp for operating rod/crank
2924 03	grey

DF 20 with side cover strips

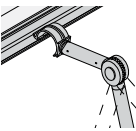
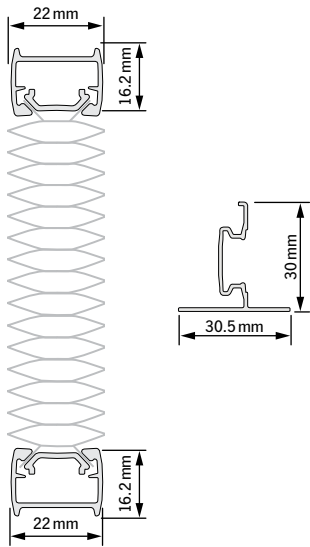


Size range Simply Cell blinds

Width (B)	min.	20 cm
	max.	150 cm
Height (H)	min.	20 cm
	max.	160 cm

Package heights

Blind height	Package height
	
50 cm	approx. 5 cm
100 cm	approx. 6 cm
150 cm	approx. 7 cm



Notes

- Also available with operating rod (extra charge).
- No fitting on the casement possible.
- This blind style is designed for roof windows at a maximum angle of 45°!

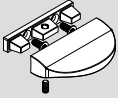
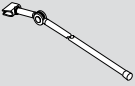
Rail colours

☐ white matt

3 Roof blinds

Special accessories DF 20

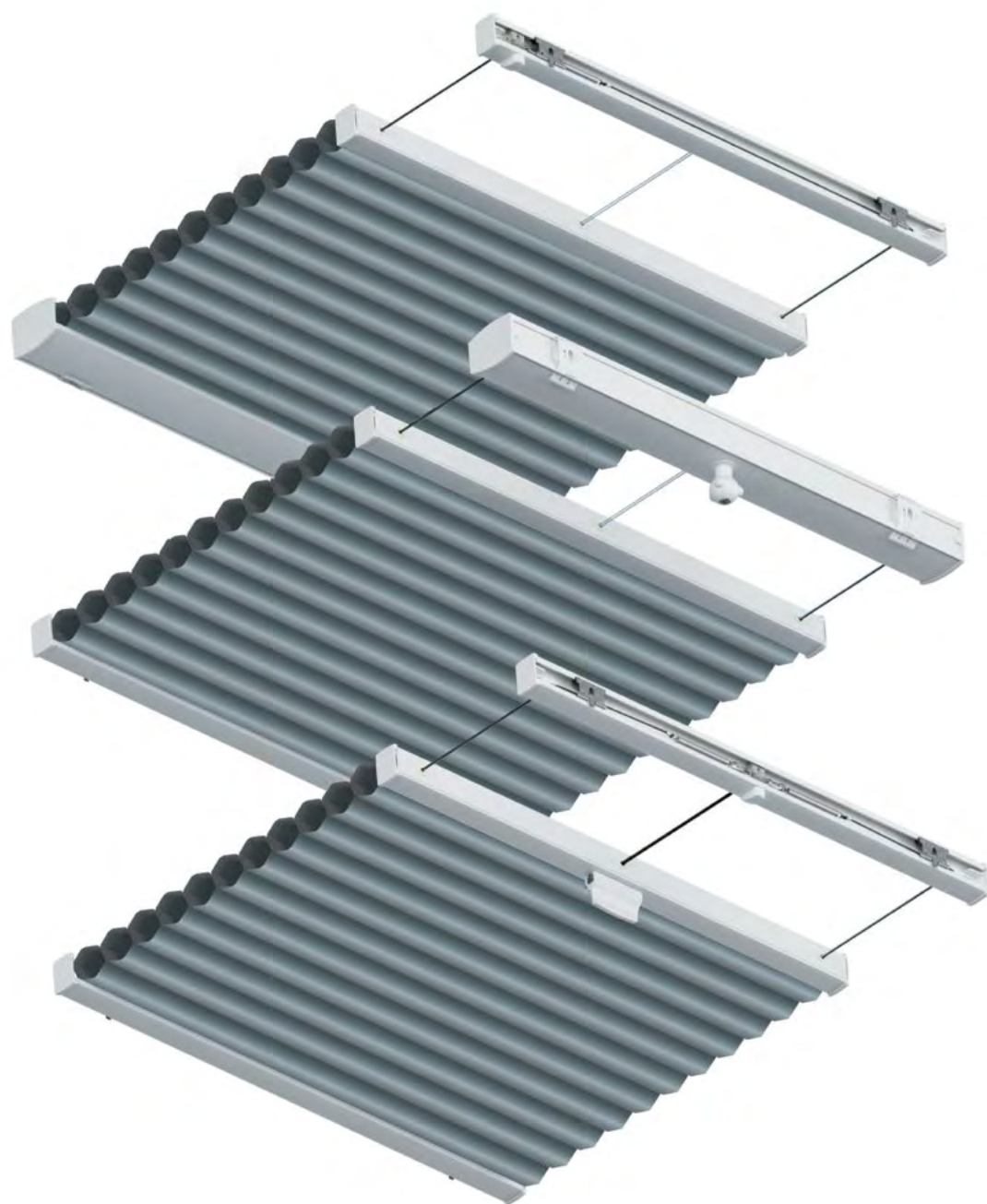
Surcharge on request.

	Art. no.	Description
	8049 20	design handle
	8049 03	white
	8049 05	grey
	8049 24	black-brown
	8049 26	anthracite
	8049 26	bronze
	3309 02	operating rod with joint
	3310 02	125 cm
	3311 02	150 cm
	3312 02	200 cm
	3312 02	250 cm
	2924 03	clamp for operating rod/crank
		grey

4

Roof blinds

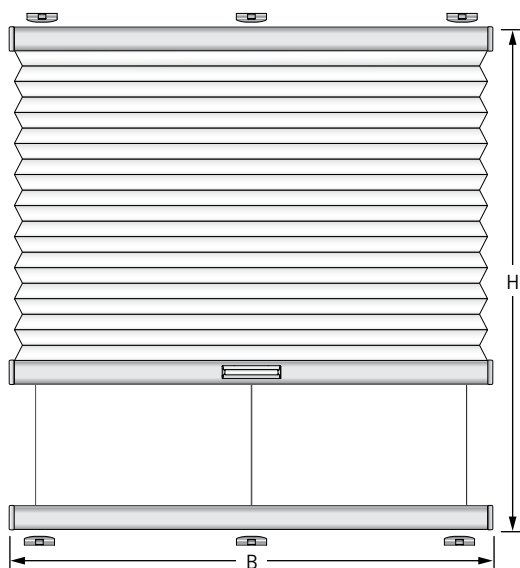
for rectangular windows (glazed roofs and conservatories)



General information	i
Vertical blinds rectangular	1
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Roof blinds rectangular	4
Measurements	5
Accessories motorised	6
Accessoires	7
Material properties	8

4 Roof blinds for rectangular windows

PL 11 with operating rod



Notes

- Optionally with operating rod (extra charge).
- Horizontal or inclined fitting possible.
- Fixed tension wires, UV-resistant, made of black coated steel wire. Max. distance 25 cm.

Size range Simply Cell blinds

Width (B)	min.	20 cm
	max.	150 cm
Height (H)	min.	30 cm
	max. ¹	350 cm

Area max. 5 m²
¹ depending on fabric width

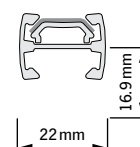
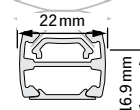
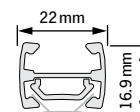
Please find detailed information on page 4.4.

Package heights

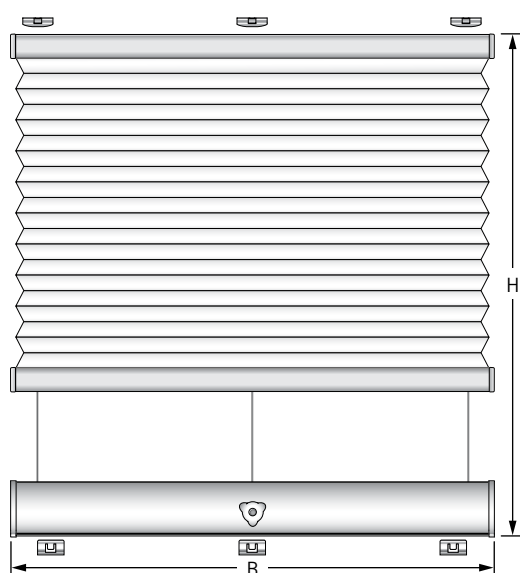
Blind height	Package height
50 cm	approx. 6 cm
100 cm	approx. 7 cm
150 cm	approx. 8 cm
200 cm	approx. 9 cm
250 cm	approx. 10 cm
300 cm	approx. 11 cm
350 cm	approx. 12 cm
400 cm	approx. 13 cm

Rail colours

☐ white matt	☐ black-brown matt
☐ silver	☐ anthracite matt
☐ bronze	



PLK 13 with crank



Notes

- Available with manual crank (extra charge) or operating rod for battery motor (extra charge).
- Horizontal or inclined fitting possible.
- Hanging and operation available on opposite sides (fig.) or on the same side (please specify).
- Fixed tension wires, UV-resistant, made of black coated steel wire. Max. distance 25 cm.
- Operation available left, centre (fig.) or right (please specify).

Size range Simply Cell blinds

Width (B)	min.	20 cm
	max.	150 cm
Height (H)	min.	30 cm
	max. ¹	350 cm

Area max. 5 m²
¹ depending on fabric width

Please find detailed information on page 4.4.

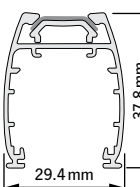
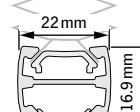
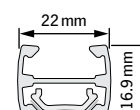
Package heights

Blind height	Package height
50 cm	approx. 6 cm
100 cm	approx. 7 cm
150 cm	approx. 8 cm
200 cm	approx. 9 cm
250 cm	approx. 10 cm
300 cm	approx. 11 cm
350 cm	approx. 12 cm
400 cm	approx. 13 cm

Rail colours

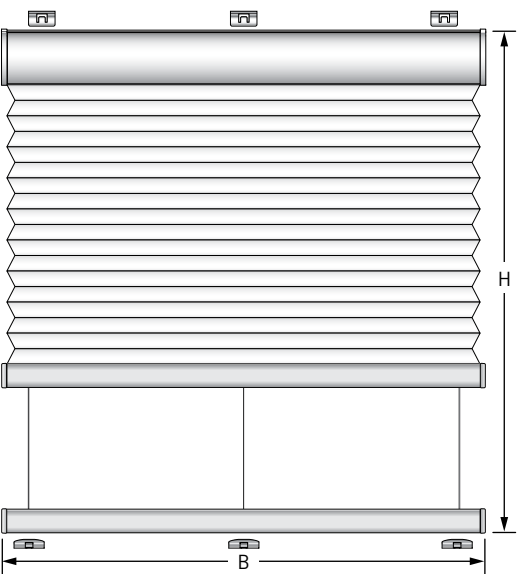
☐ white matt	☐ black-brown matt
☐ silver	☐ anthracite matt*

* crank receptacle black



4 Roof blinds for rectangular windows

PLE 12 with 24 V motor



Notes

- Horizontal or inclined fitting possible.
- Hanging and operation available the same side (fig.) or on opposite sides (please specify).
- Fixed tension wires, UV-resistant, made of black coated steel wire. Max. distance 25 cm.
- Not suitable for installation in humid areas and damp locations.
- Cable outlet available on left or right side (please specify).

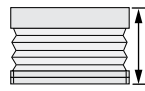
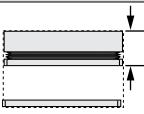
Size range Simply Cell blinds

Width (B)	min.	36 cm
	max.	150 cm
Height (H)	min.	30 cm
	max. ¹	350 cm
Area	max.	5 m ²

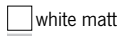
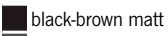
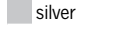
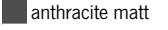
¹ depending on fabric width

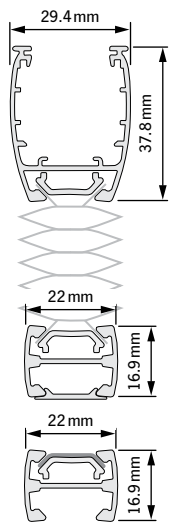
Please find detailed information on page 4.4.

Package heights

Blind height	Package height
	
50 cm	approx. 8 cm
100 cm	approx. 9 cm
150 cm	approx. 10 cm
200 cm	approx. 11 cm
250 cm	approx. 12 cm
300 cm	approx. 13 cm
350 cm	approx. 14 cm
400 cm	approx. 15 cm

Rail colours

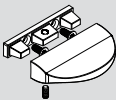
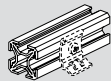
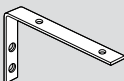
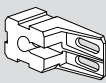
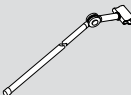
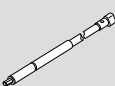
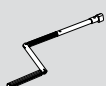
 white matt	 black-brown matt
 silver	 anthracite matt



4 Roof blinds for rectangular windows

Special accessories PL 11, PLK 13, PLE 12

Surcharge on request.

	Art. no.	Description
	8049 20	design handle
	8049 03	white
	8049 05	grey
	8049 24	black-brown
	8049 26	anthracite
	8045 20	bronze
	8045 03	white
	8045 05	grey
	8045 24	black-brown
	8045 26	anthracite
	2930 20	adaptor 7.5°, adaptable up to 45°
	2930 03	white
	2930 05	grey
	1013 20	black-brown
	1013 02	white
	1013 05	silver
	1013 24	anthracite
	2217 20	holder for mounting profile
	2217 03	white
	2217 05	silver
	2217 24	black-brown
	2218 20	anthracite
	2218 03	white
	2218 05	silver
	2218 24	black-brown
	2219 99	pin for mounting profile bracket
		silver
	3349 02	operating rod without joint
	3350 02	125 cm
	3351 02	150 cm
	3352 02	200 cm
	3309 02	250 cm
	3310 02	125 cm
	3311 02	150 cm
	3312 02	200 cm
	3365 03	operating rod for battery motor (without battery motor)
	3366 03	125 cm
	3367 03	150 cm
	3368 03	200 cm
	3385 03	250 cm
	3386 03	125 cm
	3387 03	150 cm
	3388 03	200 cm
	2924 03	clamp for operating rod/crank
		grey

Limitations

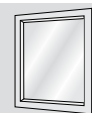
model type	max. height in cm (please refer material properties)	max. area in m²
PL 11, PLK 13, PLE 12,	230	4

5 Measurements



General information	i
Vertical blinds rectangular	1
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Roof blinds rectangular	4
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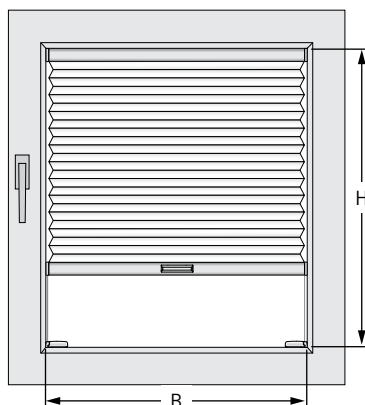
5 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



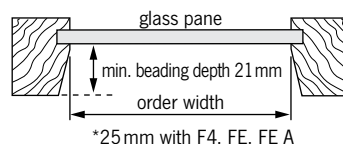
1

Fitting in the glazing rebate

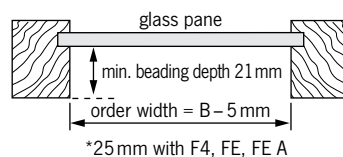
VS 1, VS 2, VS 3, VS 3 SD, F 1, F 2, F 3, F 4, FE, FE A



Glazing rebate inclined:



Glazing rebate straight:



Measure the dimension B (width) at several points in case of possible size tolerances of the window. Use the shortest measured width.

Order width = B
Order height = H

Order width = B minus 5 mm
Order height = H

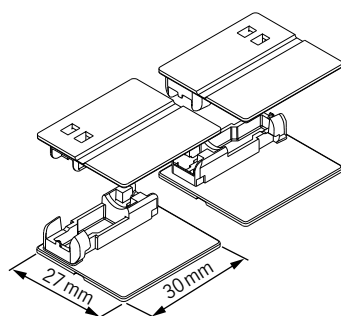
See the model pages for the possible size ranges.

Fitting in the glazing rebate with tension shoe base with adhesive plate (only VS 2)

Blinds up to 2 m² can be fixed with adhesive plates on white plastic windows.

When fitting with jointed adhesive plate, note the shape and size of the glazing bead.

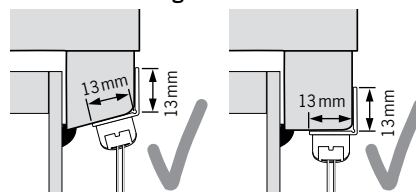
Measurements correspond to standard measurements (see top).



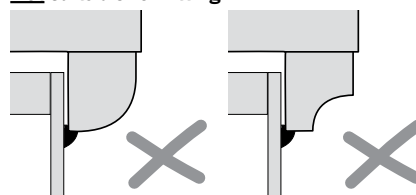
Note

- Not in connection with magnetic fixing.

Suitable for fitting:

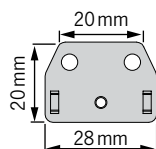


Not suitable for fitting:

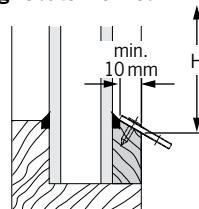


Fitting in the glazing rebate with mounting plate (only VS 2)

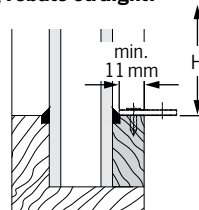
The mounting plate enables fitting in the glazing rebate with narrow rebate depth.



Glazing rebate inclined:



Glazing rebate straight:



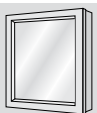
Please note the additions/deductions in the order height depending on the glazing rebate when using the mounting plate!

Order height = H plus 5 mm

Order height = H minus 5 mm

See the model pages for the possible size ranges.

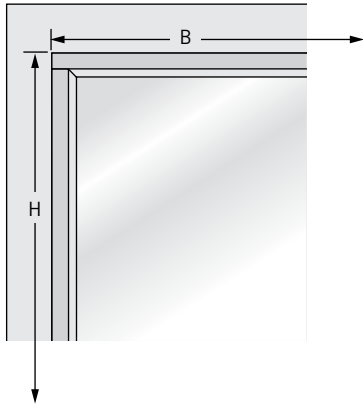
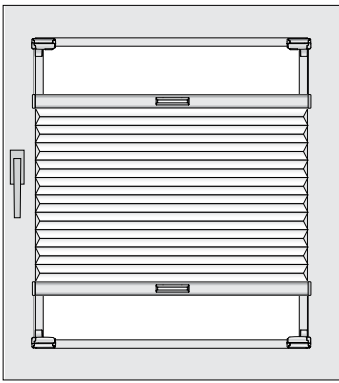
5 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



1

Fitting on the glazing bead, with beading bracket

VS 2 only



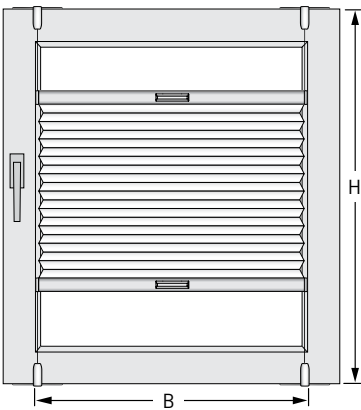
Measure the corners of the glazing bead.

Order width = B plus 5 mm
Order height = H minus 8 mm

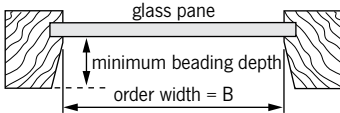
See the model pages for the possible size ranges.

Fitting on the casement, with clamp bracket slim

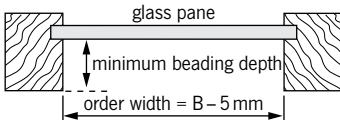
VS 2 only



Glazing rebate inclined:



Glazing rebate straight:



Please check whether the clamp bracket can be used with regard to the mechanism of the window and distance to the window ledge. Thickness of the casement 7 mm to max. 25 mm.

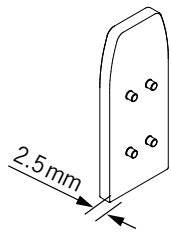
Order width = B
Order height = H minus 56 mm

Order width = B minus 5 mm
Order height = H minus 56 mm

See the model pages for the possible size ranges.

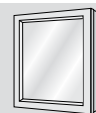
Min. beading depth/max. Thickness of casement

Minimum beading depth	Simply Cell blinds	Max. perm. thickness of casement
without distance piece	18.0mm	25.0mm
one distance piece	15.5mm	22.5mm
two distance pieces	13.0mm	20.0mm



The distance piece enables fitting of the clamp bracket slim even with small rebate depth. See the table for information on minimum beading depth and maximum thickness of the casement.

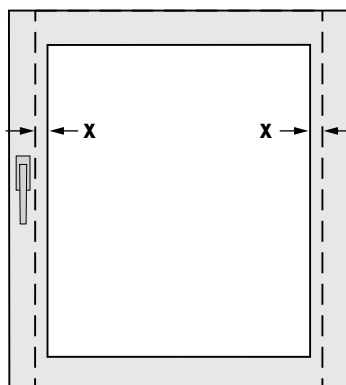
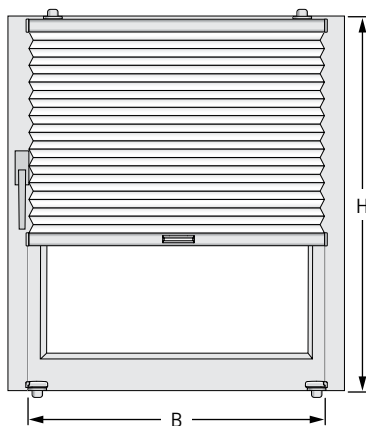
5 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



1

Fitting on the casement, with clamp bracket

VS 1, VS 2, VS 3, VS 3 SD, F 1, F 2, F 3, F 4, FE, FE A



X = desired overlap

⚠ Please check whether the clamp bracket can be used with regard to the mechanism of the window and distance to the window ledge. Thickness of the casement max. 25 mm.

When measuring pay attention to protruding window fittings.

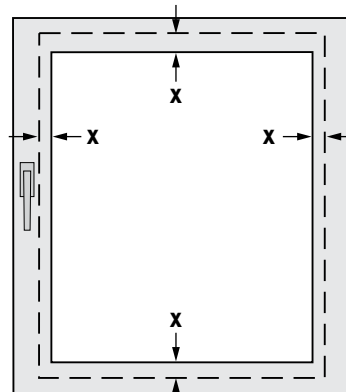
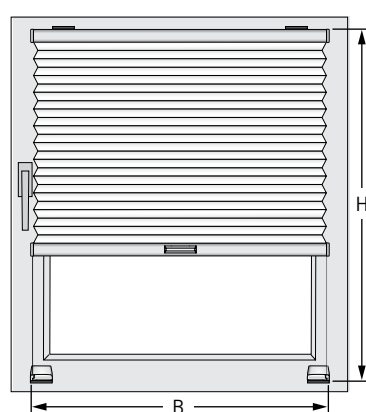
Order width = B including the desired overlap (X)

Order height = for F with guide wires and all VS: H minus 10 mm
= for F without guide wires: H minus 5 mm

See the model pages for the possible size ranges.

Fitting on the casement, with wall fitting bracket

VS 1, VS 2, VS 3, VS 3 SD, F 1, F 2, F 3, F 4, FE, FE A



X = desired overlap

When measuring pay attention to protruding window fittings.

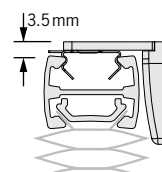
Order width = B including the desired overlap (X)

Order height = H including the desired overlap (X)

X = top and bottom min. 25 mm
(= height of the wall fitting bracket)

Notes

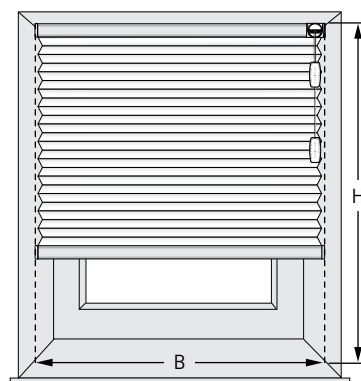
- Height dimension = top edge of rail
- Mounting clip and bracket together require another 3.5 mm.



See the model pages for the possible size ranges.

Fitting inside the window recess

VS 1, VS 2, VS 3, VS 3 SD, F 1, F 2, F 3, F 4, FE, FE A, F Touch



Measure the dimension B (width) at several points in case of possible size tolerances of the window recess. Use the shortest measured width.

Order width = B minus 5 mm

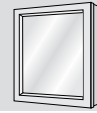
Order height = H minus 5 mm

Note

- Check whether the casement can be opened unhindered due to the package height and the cords / wires at the side.

See the model pages for the possible size ranges.

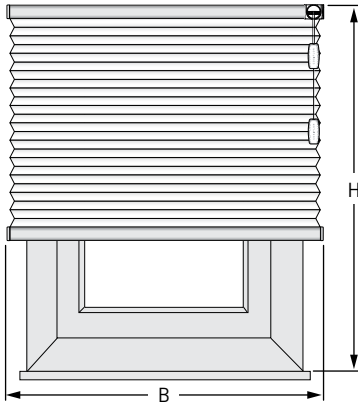
5 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



1

Fitting in front of the window recess

VS 1, VS 2, VS 3, VS 3 SD, F 1, F 2, F 3, F 4, FE, FE A, F Touch



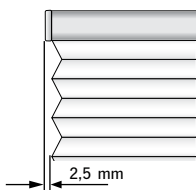
Measure the recess width plus the desired overlap (recommendation at least 30 mm per side). For the overlaps of blind height make sure you consider any protruding window ledges and that the overlap at the top is at least equal to the package height.

Order width = B including the desired overlap

Order height = H including the desired overlap

See the model pages for the possible size ranges.

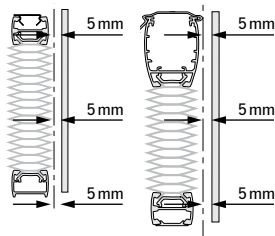
Important notes



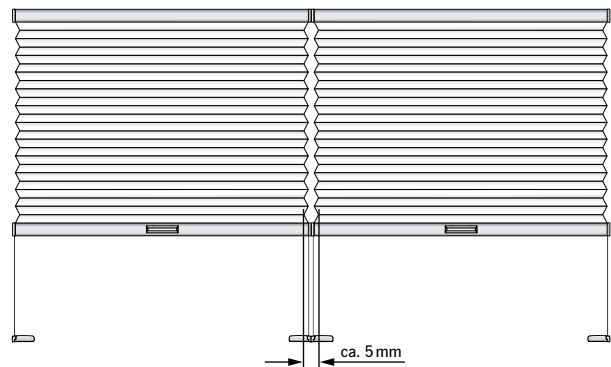
Attention!

fabric width = rail width

End caps protrude!



**Distance blind - glass pane:
at least 5 mm!**



Several blinds side by side:

Light slit (fabric gap) between the blinds approx. 5 mm.



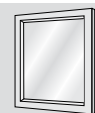
Please specify installation height for F 1 and F 4 blinds!

Please refer to the notes concerning child safety on page i.7.

Important notes for all motorised blinds

- Please only use the original controls and power supplies. Third party products may cause damage.
- For more detailed information about motor data for all blind types, see section **i General information** on page i.5.
- For information about controlling the blinds please refer to section **Accessories for motorised blinds starting on page 6.1.**

5 Measurements - pre-tensioned and freehanging blinds for vertical, rectangular windows



1

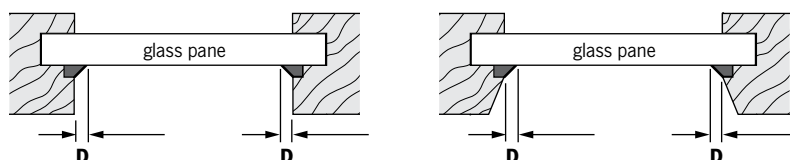
Fitting on the glass

VS 2 Slide Comfort, VS 2 Slide, VS 2 KL



Checking the seal width "D"

Measure the width of the seal "D" on all four sides because of potential differences.



Straight window rebate

Deductions/additions for calculating the order size

Model	D up to and including 5 mm		D greater than 5 mm	
	Seal width (D) less than 3 mm	Seal width (D) 3 to 5 mm	Seal width (D) greater than 5 mm	
VS 2 Slide Comfort	clear width (LB)	- 5 mm	clear glass width (LGB)	+ 6 mm
	clear height (LH)	- 2 mm	clear glass height (LGH)	+ 14 mm
VS 2 Slide	clear width (LB)	- 8 mm	clear glass width (LGB)	+ 4 mm
	clear height (LH)	0 mm	clear glass height (LGH)	+ 8 mm
VS 2 KL	clear width (LB)	- 4 mm	clear glass width (LGB)	+ 7 mm
	clear height (LH)	- 10 mm	clear glass height (LGH)	- 2 mm

Inclined window rebate

Deductions/additions for calculating the order size

Model	D up to and including 5 mm		D greater than 5 mm	
	Seal width (D) less than 3 mm	Seal width (D) 3 to 5 mm	Seal width (D) greater than 5 mm	
VS 2 Slide Comfort	clear width (LB)	- 5 mm	clear glass width (LGB)	+ 6 mm
	clear height (LH)	+ 8 mm	clear glass height (LGH)	+ 14 mm
VS 2 Slide	clear width (LB)	- 5 mm	clear glass width (LGB)	+ 4 mm
	clear height (LH)	+ 2 mm	clear glass height (LGH)	+ 8 mm
VS 2 KL	clear width (LB)	- 3 mm	clear glass width (LGB)	+ 7 mm
	clear height (LH)	- 8 mm	clear glass height (LGH)	- 2 mm

Notes

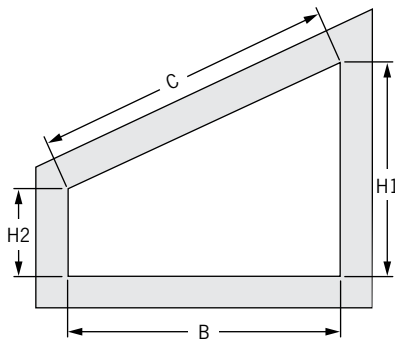
- The glass pane must be dry and free of grease, silicone and other soiling.
- Please note the safety instructions for the cleaning cloth.
- The optimum processing temperature is between 15–35°C (adhesive surface and surroundings).
- Air inclusions within the adhesive surface do not constitute a reason for complaint, as long as the function of the rail is not affected.

5 Measurements - pre-tensioned and freehanging blinds for vertical, special shaped windows

2

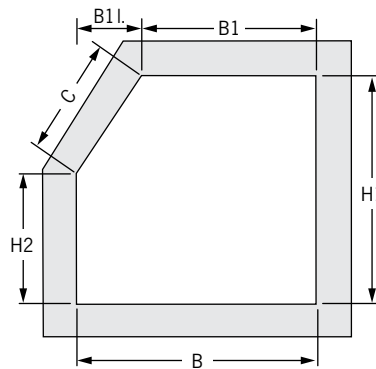
Fitting in the glazing rebate

VS 4, VS 4 S,
F Slope1, F Slope 2



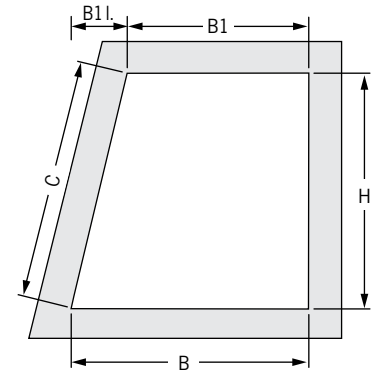
Order sizes* = B, H1 and H2

VS 5, VS 5 SD



Order sizes* = B, B1, B1 l. (r.), H1 and H2

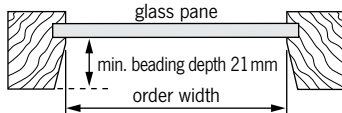
VS 8



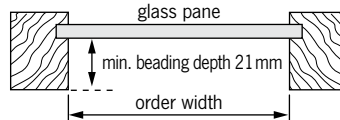
Order sizes* = B, B1, B1 l. (r.) and H

Please specify whether the window rebate is straight or inclined.

Glazing rebate inclined:



Glazing rebate straight:



*Deductions are determined by the producer

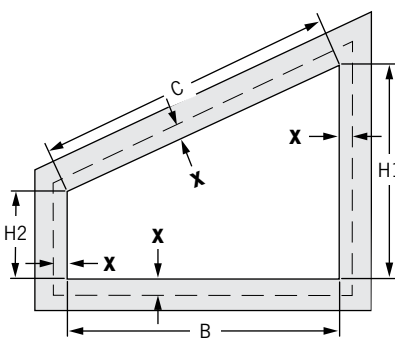
Sizes = clear sizes! Measure the dimension B (width) at several points in case of possible size tolerances of the window. Use the shortest measured width.

Reference size = $C (C l. / C r.)$

See the model pages for the possible size ranges.

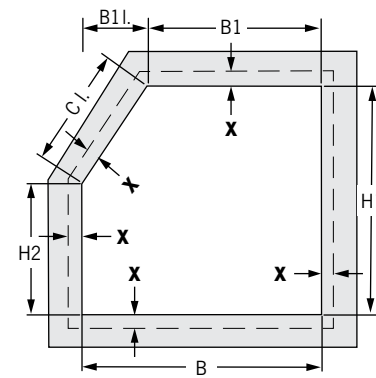
Fitting on the casement, with wall fitting bracket

VS 4, VS 4 S,
F Slope1, F Slope 2



Order sizes = B, H1 and H2

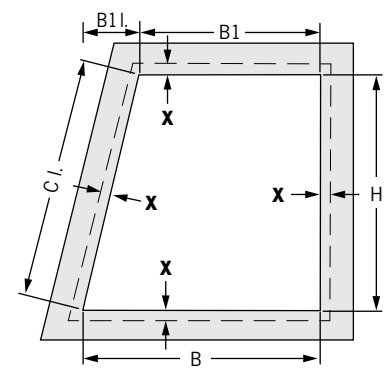
VS 5, VS 5 SD



Order sizes = B, B1, B1 l. (r.), H1 and H2

Order sizes* = B and H

VS 8



Order sizes = B, B1, B1 l. (r.) and H

Order sizes* = B and H



When measuring pay attention to protruding window fittings.

Reference size = $C (C l. / C r.)$ including the desired overlap (X)

X = desired overlap

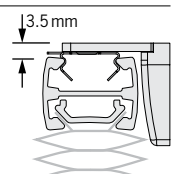
Specify all dimensions including the desired overlap (X).

X with mounting rails

min. 25 mm (= height of the wall fitting bracket)

Notes

- Height dimension = top edge of rail
- Mounting clip and bracket together require another 3.5 mm.



See the model pages for the possible size ranges.

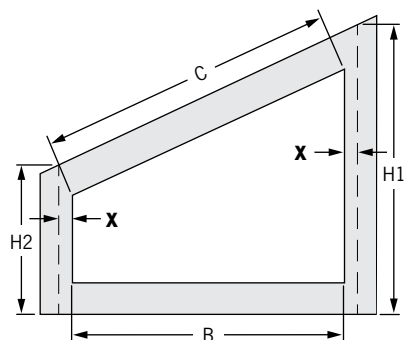
5 Measurements - pre-tensioned and freehanging blinds for vertical, special shaped windows



2

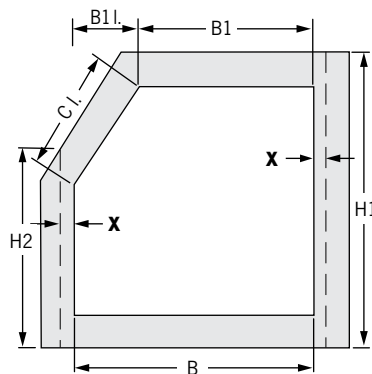
Fitting on the casement, with clamp bracket

**VS 4, VS 4 S,
F Slope 1, F Slope 2**



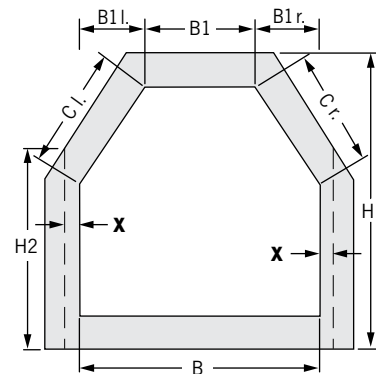
Order width = B
Order height = H1 minus 10 mm
 H2 minus 10 mm

VS 5, VS 5 SD



Order width = B, B1, B1 l. and B1 r.
Order height = H1 minus 10 mm,
 H2 minus 5 mm

VS 6, VS 6 SD



Order width = B, B1, B1 l. and B1 r.
Order height = H1 minus 10 mm,
 H2 minus 5 mm



Please check whether the clamp brackets can be used with regard to the mechanism of the window and distance to the window ledge (thickness casement max. 25 mm).

When measuring pay attention to protruding window fittings.

X = desired overlap

Specify all dimensions including the desired overlap (X).

Order height 1 = Height of the casement at the highest point of the order width (H1)

Order height 2 = Height of the casement at the lowest point of the order width (H2)

Reference size = C (C l. / C r.) including the desired overlap (X)

See the model pages for the possible size ranges.

5 Measurements - pre-tensioned and freehanging blinds for vertical, special shaped windows



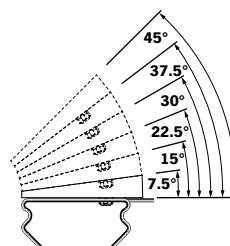
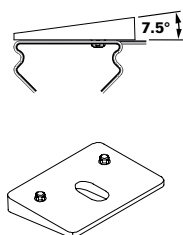
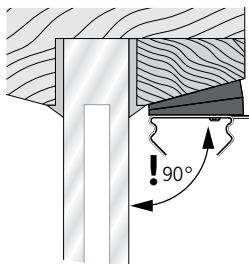
2

Important notes

Important notes on the model type F Slope 2

VS 4 S and F Slope 2 blinds are built with a hinge joint between the top operating rail and the rail in the slope.

When fitting the blind in an inclined glazing rebate, **adaptors must always be used** since otherwise the middle movable rail will protrude into the room!

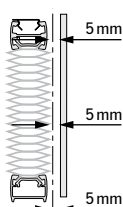


Adaptor 7.5°, adaptable up to 45°

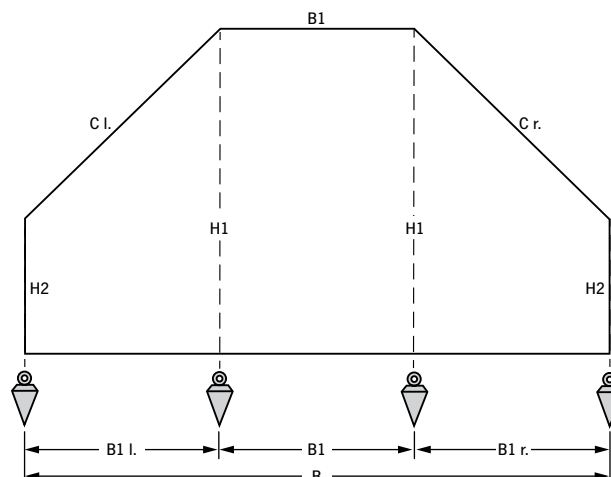
Art. no. 2930 20 white

Art. no. 2930 03 grey

Art. no. 2930 05 black-brown

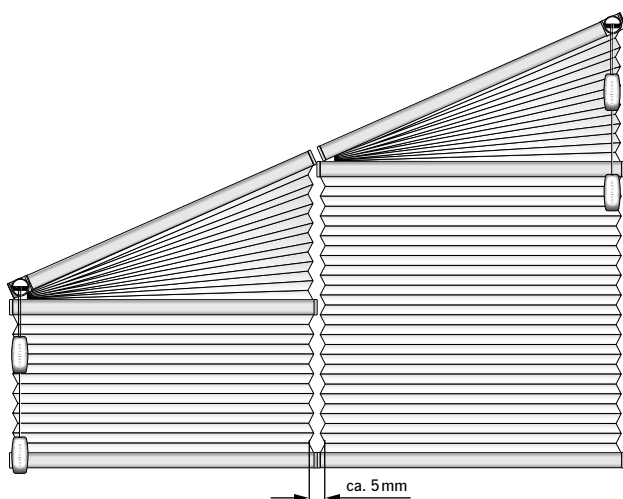


**Distance blind - glass pane:
at least 5 mm!**



Exact measurements using a plumb-line!

To obtain an exact measurement result, we recommend using a plumb-line for special shapes.



Several blinds side by side:

Light slit (fabric gap) between the blinds approx. 5 mm.

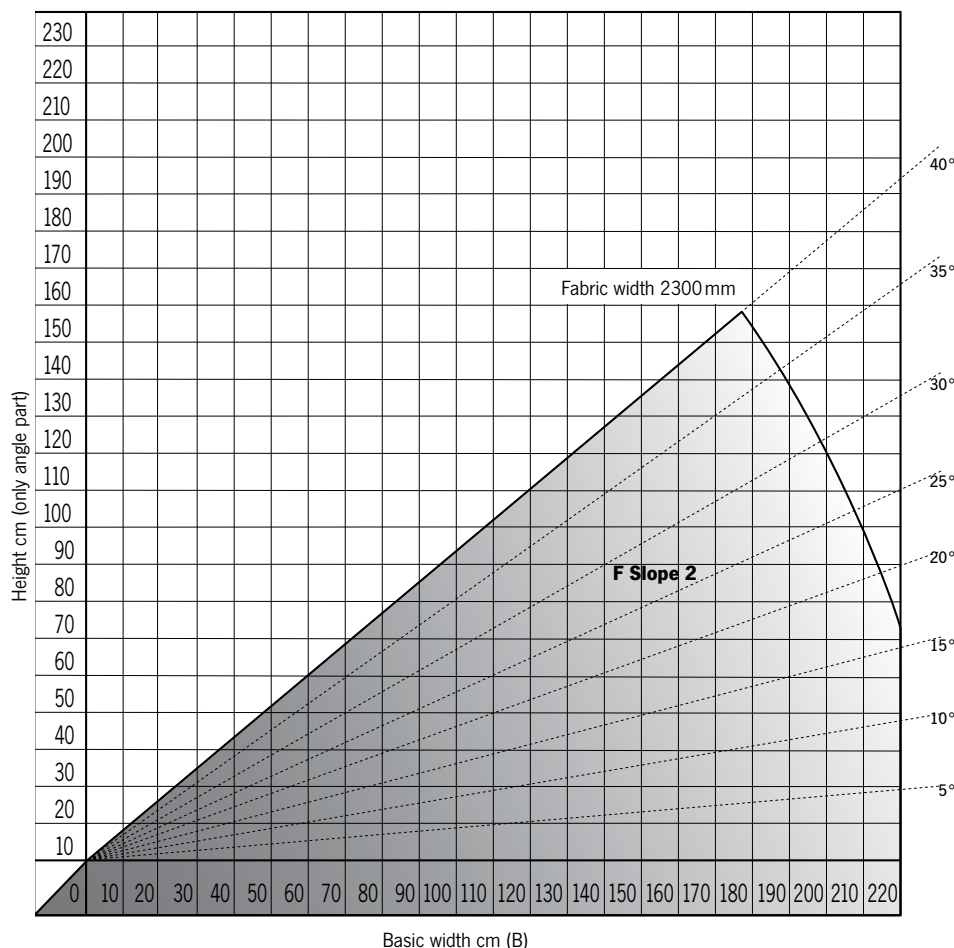
5 Measurements - pre-tensioned and freehanging blinds for vertical, special shaped windows



2

Important notes

Ratio fabric width to blind width for model types F Slope 2



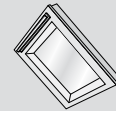
The steeper the angle, the smaller the width

The angle of the slope has a considerable influence on the maximum blind width.

The diagram shows the possible blind width in relation to the angle and fabric width.

5 Measurements - roof blinds

with side channels or cover strip at the side



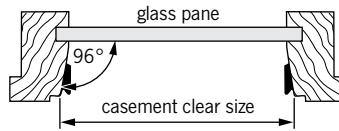
3

Standardised roof window types

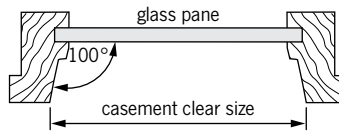
DF and DF Comfort

Velux

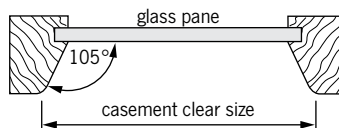
Casement type A



Casement type B



Type GGU up to June 2000



The blinds are always fitted inside the window rebate.

Through the years the company Velux has repeatedly changed its window types, sometimes without creating a new model type and description.

When ordering, please specify the following information:

- **Window manufacturer**
- **Model type description** (e.g. GGL)
- **Size description** (e.g. FK06)
- **Casement clear sizes** (as an additional reference size), measured at the front edge (see drawing)

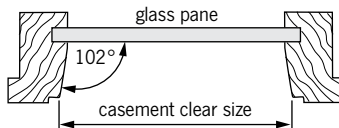
Attention

Due to the large radii of the window type GGU (up to June 2000) a light gap of approx. 17 mm always remains on the left and right!

Not recommended!

Fakro

Casement always with inclined window rebate



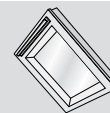
The blinds are always fitted inside the window rebate.

When ordering, please specify the following information:

- **Window manufacturer**
- **Model type description** (e.g. FTS)
- **Size description** (e.g. 66/98)
- **Casement clear sizes** (as an additional reference size), measured at the front edge (see drawing)

5 Measurements - roof blinds

with side channels or cover strip at the side

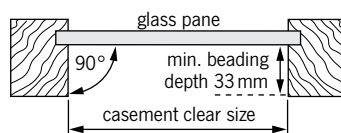


3

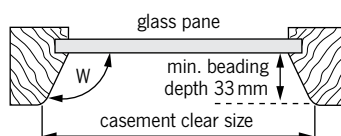
Non-standardised roof window types

DF and DF Comfort

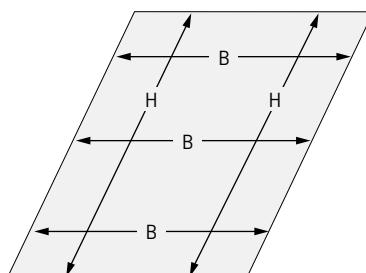
Casement with straight window rebate



Casement with inclined window rebate



Fitting on the casement



Notes

The blinds are always fitted inside the window rebate.

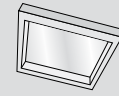
When ordering, please specify the following information:

- **Casement clear size**, measured at the front edge (see drawing)
- **Rebate slope**, i.e. the angle (W) between glass pane and casement frame

See the model pages for the possible size ranges.

Always measure **at several points** in case of possible size tolerances! Use the shortest measured width.

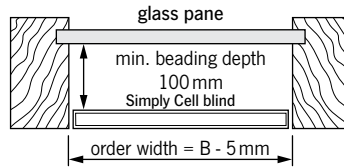
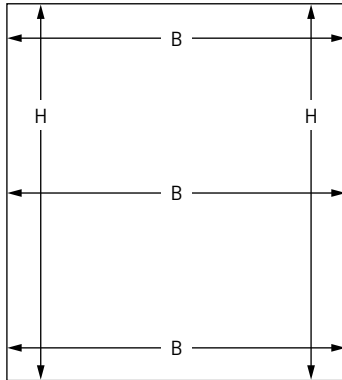
5 Measurements - roof blinds for rectangular windows



4

Fitting between the rafters

PL 11, PLK 13, PLE 12



⚠ Measure the dimension B (width) at several points in case of possible size tolerances of the window. Use the shortest measured width.

Please consider the ventilation slots at the top and bottom in the length (H) as well as the thickness of the mounting profile.

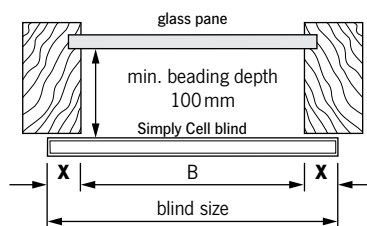
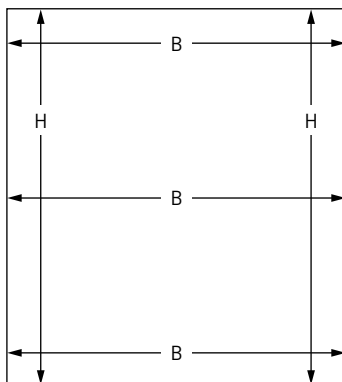
Order width = B minus 5 mm

Order height = H minus ventilation slots and mounting profiles

See the model pages for the possible size ranges.

Fitting under the rafters

PL 11, PLK 13, PLE 12



X = desired overlap

⚠ Measure the dimension B (width) at several points in case of possible size tolerances of the window. Use the shortest measured width.

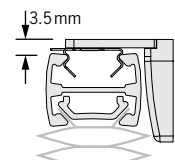
Please consider the ventilation slots at the top and bottom in the length (H) as well as the thickness of the mounting profile.

Order width = B plus the desired overlap (X)

Order height = H minus ventilation slots and mounting profiles

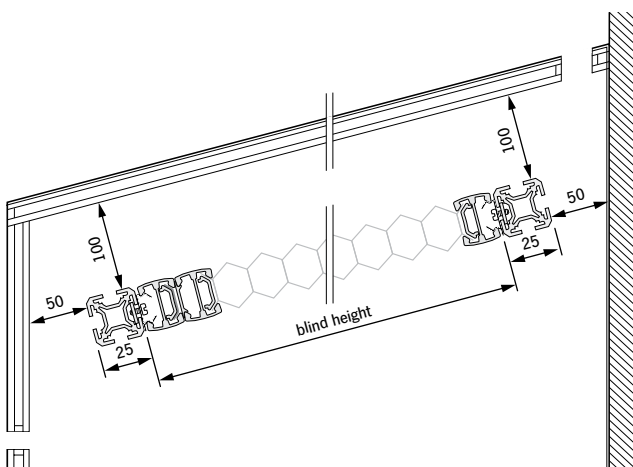
Notes for fitting with brackets

- Height dimension = top edge of rail
- Mounting clip and bracket together require another 3.5 mm.



See the model pages for the possible size ranges.

Important notes



Please consider the ventilation slots at the top and bottom.

Ventilation

Simply Cell blinds in conservatories are ideal, functional sun shading. This requires adequate ventilation and air circulation.

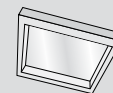
Insufficient ventilation and air circulation can cause condensation in the conservatory.

We cannot accept any warranty for fabric damage caused by dripping condensation water and aggressive glass cleaners which come directly or indirectly into contact with the fabric. This also applies to insect excrements which lead to fabric damage.

Fitting space

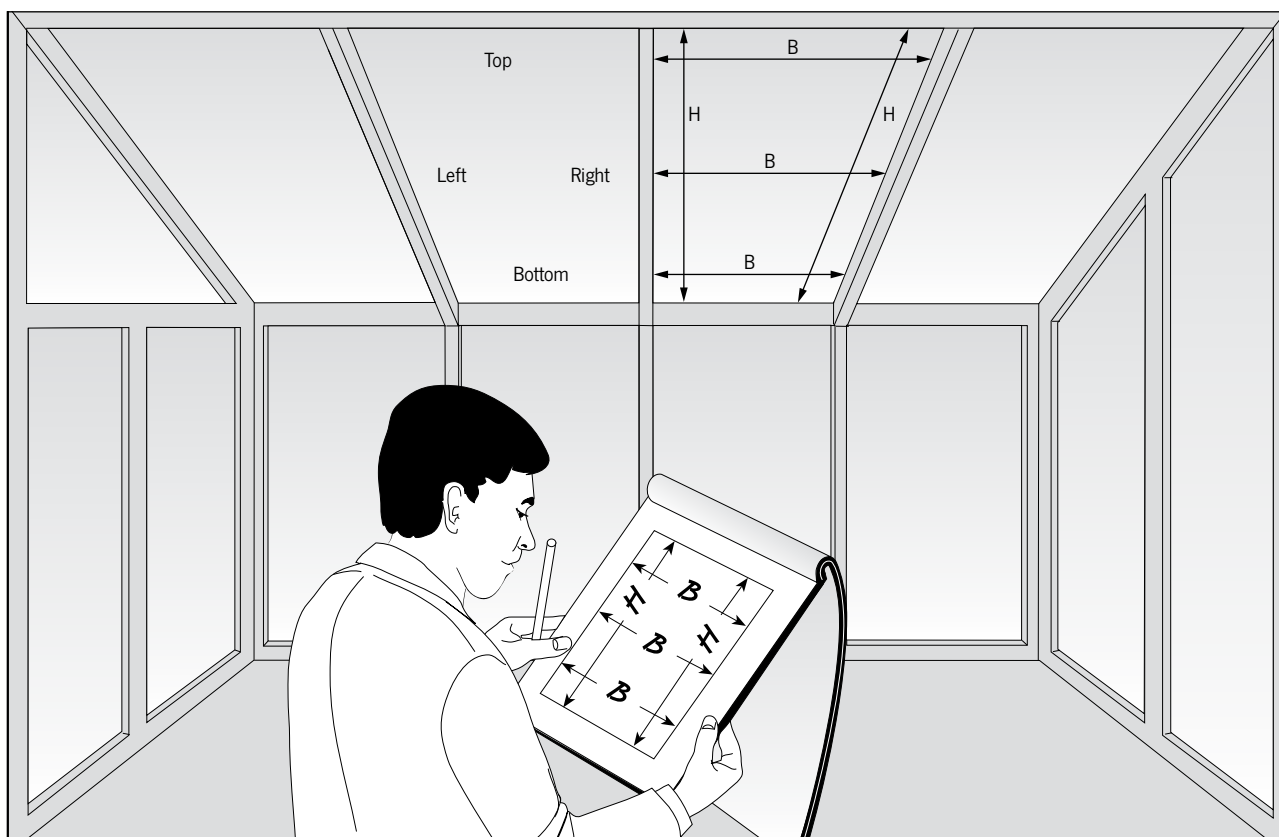
Please leave a minimum distance of 100 mm between the blind and the glass pane and at least 50 mm at the top and bottom between the mounting profile and the wall to ensure sufficient air circulation.

5 Measurements - roof blinds for rectangular windows



4

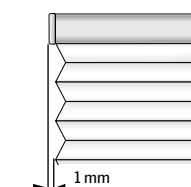
Important notes



Measurements always specified from inside!

Number of tension wires (black)

Blind width	Number of tension wires
20 cm	2
30 cm	3
40 cm	3
50 cm	3
60 cm	4
70 cm	4
80 cm	5
90 cm	5
100 cm	5
110 cm	6
120 cm	6
130 cm	7
140 cm	7
150 cm	7



Attention!

fabric width = rail width

End caps protrude!

Attention!

No warranty claims can be made for glass damage that occurs after Simply Cell blinds have been installed.

Important notes for all motorised blinds

- Please only use the original controls and power supplies. Third party products may cause damage.
- For information about controlling the blinds please refer to section **Accessories for motorised blinds starting on page 6.1.**

6 Accessories for motorised blinds

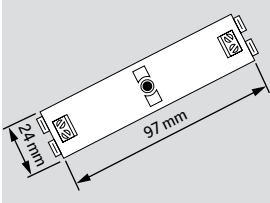
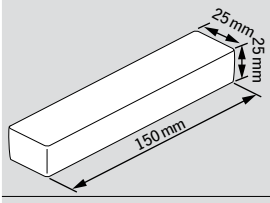
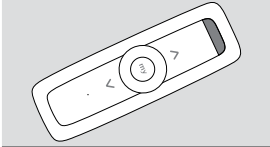
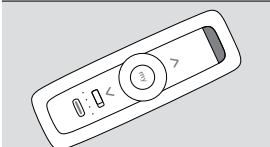
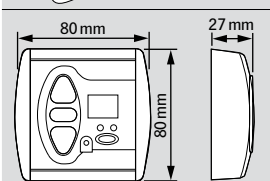
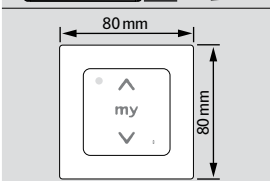
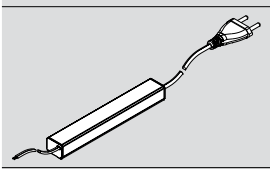
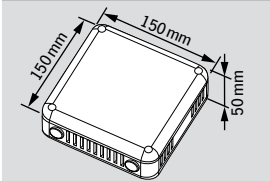


8	Material properties
7	Accessoires
6	Accessories motorised
5	Measurements
4	Roof blinds rectangular
3	Roof blinds
2	Vertical blinds special shapes
1	Vertical blinds rectangular
i	General information

6 Accessories for motorised blinds

FE 24 V & PLE 24 V

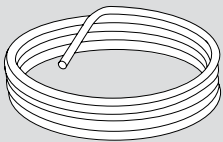
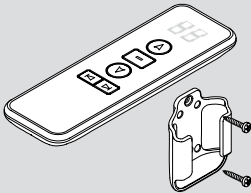
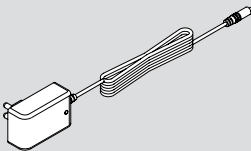
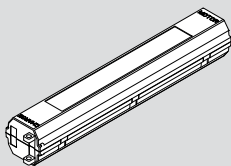
Surcharge on request.

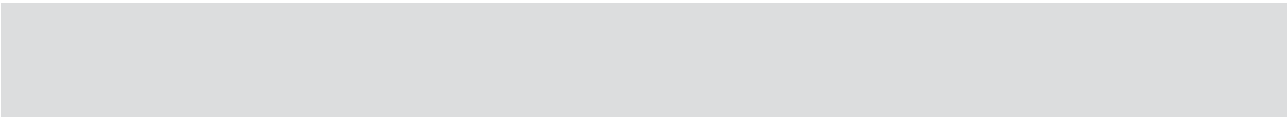
	Art. no.	Description	for model type
	4001 99	internal radio receiver (1 per blind) <u>usable from a blind width of:</u> FE = 800 mm PLE 12 = 600 mm Internal Power Supply – Integrated into headrail from blinds width of: FE = 1100 mm PLE12 = 800 mm Otherwise it will be supplied as an External Power supply. Price remains unchanged.	FE, PLE 12
	4002 01	radio receiver in the housing, for external fitting <u>NOTE</u> – This can be fitted to the front or the back of the headrail (if space permits). Please specify install location on the order. Standard is on the front if not specified.	FE, PLE 12
	4105 01	radio remote control, 1-channel	FE, PLE 12
	4106 01	radio remote control, 5-channel	FE, PLE 12
	4103 01	radio control timer (wall mounting)	FE, PLE 12
	4104 01	radio remote switch, 1-channel (wall mounting)	FE, PLE 12
	4202 99	internal power supply (1 per blind) <u>integrable in the head rail from a blind width of:</u> FE = 1100 mm PLE 12 = 800 mm	FE, PLE 12
	4200 20	group power supply without connecting cable 2.7 A, 230 V / 24 V	FE, PLE 12

6 Accessories for motorised blinds

FE A

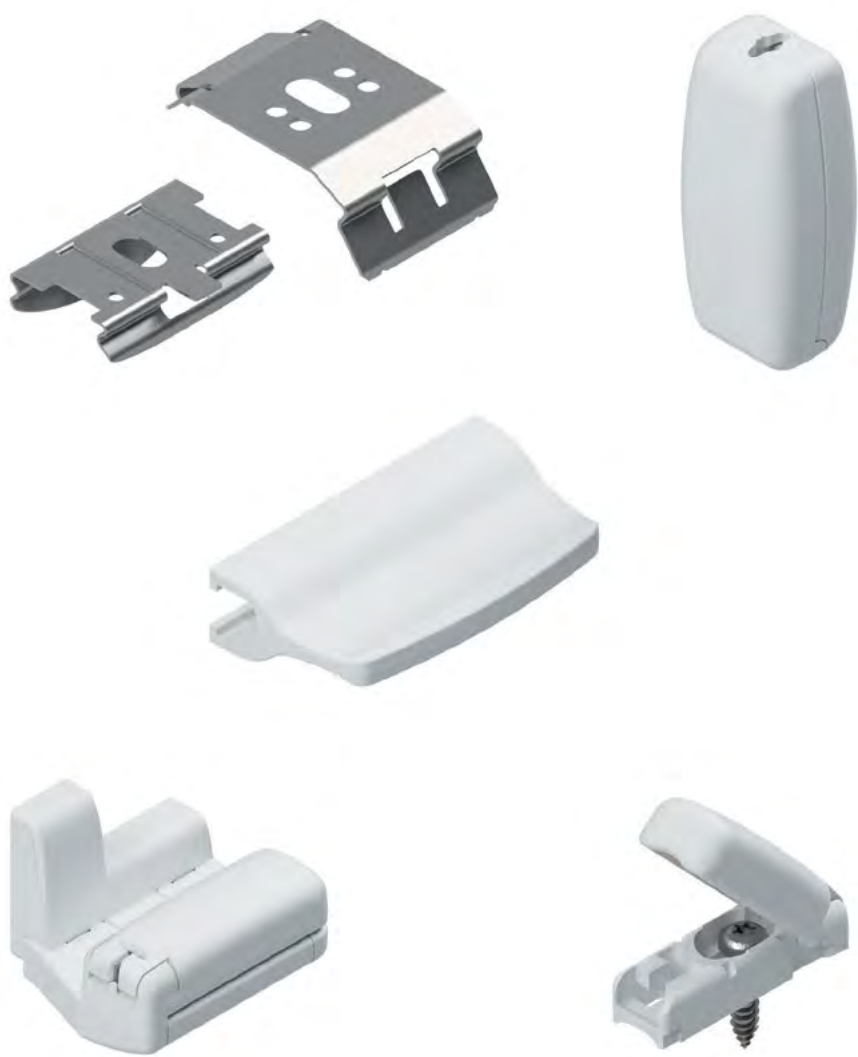
Surcharge on request.

	Art. no.	Description	for model type
	4901 99	2-pole connecting cable for power supply, Ø 0.75 mm²	FE, PLE 12
	4301 01	radio remote control 16-channel with wall bracket	FE A
	4302 01	plug-in power supply 3 m / 8.4 V	FE A
	4303 99	Li-ion battery 7.4 V	FE A



8	Material properties
7	Accessoires
6	Accessories motorised
5	Measurements
4	Roof blinds rectangular
3	Roof blinds
2	Vertical blinds special shapes
1	Vertical blinds rectangular
i	General information

7 Accessoires

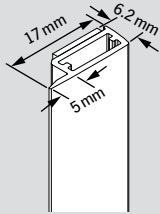
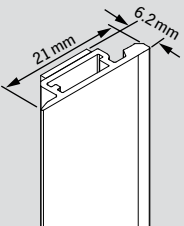
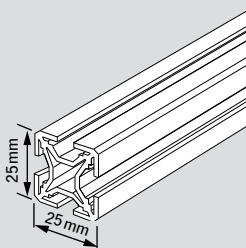
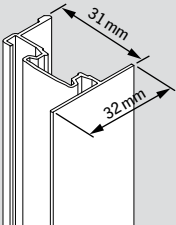
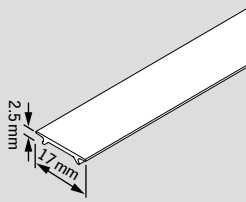
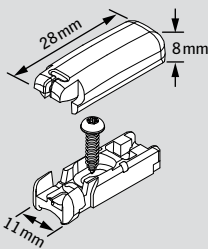


8	Material properties
7	Accessoires
6	Accessories motorised
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4	Roof blinds rectangular
3	Roof blinds
2	Vertical blinds special shapes
1	Vertical blinds rectangular
i	General information

7 Accessoires

Rails

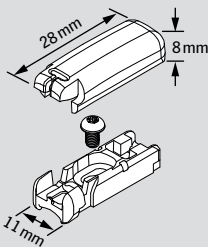
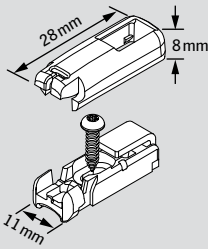
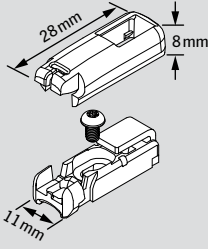
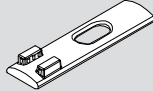
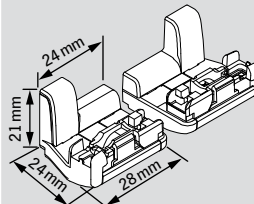
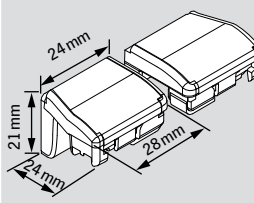
Surcharge on request.

Art. no.	Description	for model type
	adhesive rail	VS 2 KL
	1001 20 white matt	
	1001 02 silver	
	adhesive rail for VS 2 Slide / Slide Comfort	VS 2 Slide, VS 2 Slide Comfort
	1002 20 white matt	
	1002 03 grey matt	
	1002 24 anthracite matt	
	mounting profile	all roof blind model types
	1013 20 white matt	
	1013 02 silver	
	1013 05 black-brown matt	
	1013 24 anthracite matt	
	side channel DF Comfort	DF Comfort 20 / 30
	1007 20 white matt	
	1007 03 grey matt	
	cover strip rail 2-channel and side channel DF Comfort	all model types except VS 1, VS 2, VS 3, VS 3 SD,
	1008 20 white	
	1008 03 grey	
	1008 05 black-brown	
	1008 24 anthracite	
	1008 26 bronze	
	tension shoe	VS 1, VS 2, VS 3, VS 3 SD
	8040 20 white	
	8040 03 grey	
	8040 05 black-brown	
	8040 24 anthracite	
	8040 26 bronze	

7 Accessoires

Fitting accessories

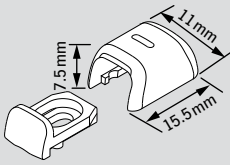
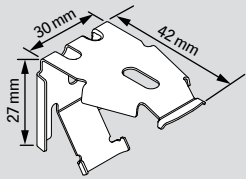
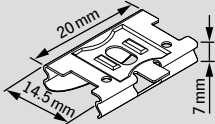
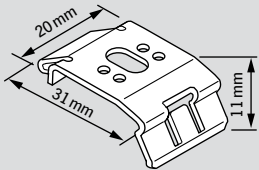
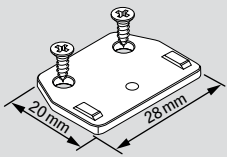
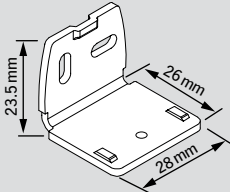
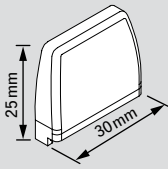
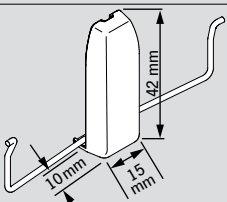
Surcharge on request.

	Art. no.	Description	for model type
	8041 20	tension shoe for fitting bracket white	VS 1, VS 2, VS 2 KL
	8041 03	grey	VS 3, VS 3 SD
	8041 05	black-brown	
	8041 24	anthracite	
	8041 26	bronze	
	8042 20	tension shoe for magnetic fixing white	VS 2
	8042 03	grey	
	8042 05	black-brown	
	8042 24	anthracite	
	8042 26	bronze	
	8043 20	tension shoe for magnetic fixing, for fitting with brackets white	VS 2
	8043 03	grey	
	8043 05	black-brown	
	8043 24	anthracite	
	8043 26	bronze	
	2098 20	anti twist item for tension shoe, set of 4 white	VS 1, VS 2, VS 3, VS 3 SD VS 4, VS 4 S
	2230 20	beading bracket VS 2, left and right (without tension shoe cover) white	VS 2
	2230 03	grey	
	2230 05	black-brown	
	2230 24	anthracite	
	2230 26	bronze	
	2231 20	beading bracket VS 2 for magnetic fixing, left and right (without tension shoe cover) white	VS 2
	2231 03	grey	
	2231 05	black-brown	
	2231 24	anthracite	
	2231 26	bronze	

7 Accessoires

Fitting accessories

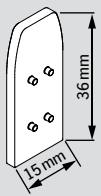
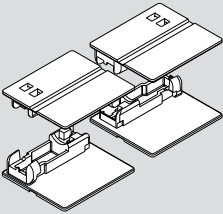
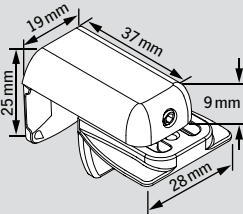
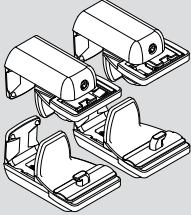
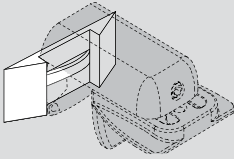
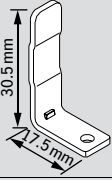
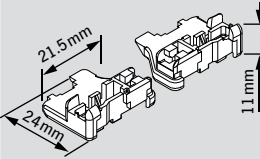
Surcharge on request.

	Art. no.	Description	for model type
	2013 20	guide wire white	F 1, F 2, F 3, F 4 FE, FE A
	2013 03	grey	
	2013 05	black-brown	
	2013 24	anthracite	
	2013 26	bronze	
	2353 02	bracket F Touch silver	F Touch
	2354 02	mounting clip silver	all model types except: VS 2, VS 2 KL, VS 2 Slide VS 2 Slide Comfort DF Comfort 20 / 30
	2352 20 2352 02 2352 05 2352 24	mounting clip, F 4 / motorised / crank white silver black-brown anthracite	F 4, FE, PLK 13, PLE 12
	8004 20	mounting plate for narrow window rebate, with screws white	VS 2
	2220 20 2220 03 2220 05 2220 24 2220 26	wall fitting bracket white grey black-brown anthracite bronze	all model types except VS 2 KL, VS 2 Slide VS 2 Slide Comfort DF Comfort 20 / 30
	2221 20 2221 03 2221 05 2221 24 2221 26	cover for wall fitting bracket white grey black-brown anthracite bronze	all model types except VS 2 KL, VS 2 Slide VS 2 Slide Comfort DF Comfort 20 / 30
	8006 20 8006 03 8006 05 8006 24	clamp bracket slim white grey black-brown anthracite	VS 2

7 Accessoires

Fitting accessories

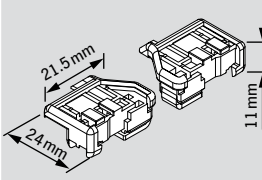
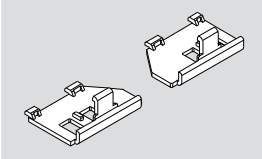
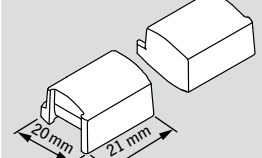
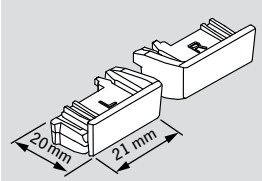
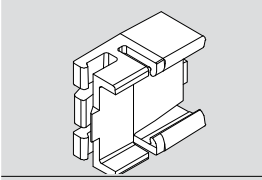
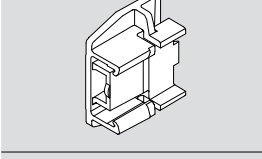
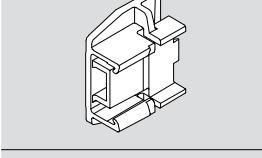
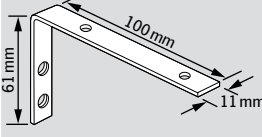
Surcharge on request.

	Art. no.	Description	for model type
		distance piece for clamp bracket slim	VS 2
	2925 20	white	
	2925 03	grey	
	2925 06	black-brown	
	2925 24	anthracite	
	2012 20	white	VS 2
		clamp bracket	VS 1, VS 2, VS 3, VS 3 SD
	2302 20	white	F 1, F 2, F 3, F 4, FE,
	2302 03	grey	F Slope 1/2
	2302 05	black-brown	
		clamp bracket VS 2 with tension shoe adaptor, set of 4	VS 2
	2303 20	white	
	2303 03	grey	
	2303 05	black-brown	
		sealing pad for clamp bracket	VS 1, VS 2, VS 3, VS 3 SD
	2349 06	black	F 1, F 2, F 3, F 4, FE, F Slope 1/2
	2921 99	silver	VS 2 KL, VS 2 Slide VS 2 Slide Comfort
	2232 99	silver	VS 2 KL, VS 2 Slide
		tension shoe VS 2 Slide and VS 2 KL, left and right	VS 2 KL, VS 2 Slide
	2238 20	white	
	2238 03	grey	
	2238 24	anthracite	

7 Accessoires

Fitting accessories

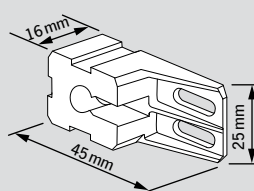
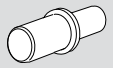
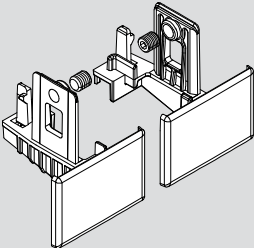
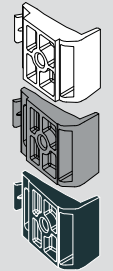
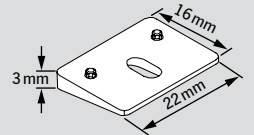
Surcharge on request.

	Art. no.	Description	for model type
	2239 20	white	VS 2 KL
	2239 03	grey	
	2239 24	anthracite	
	2240 20	white	VS 2 KL, VS 2 Slide
	2240 03	grey	
	2240 24	anthracite	
	2234 20	white	VS 2 Slide Comfort
	2234 03	grey	
	2234 24	anthracite	
	2237 20	white	VS 2 Slide Comfort
	2237 03	grey	
	2237 24	anthracite	
	2233 20	white	VS 2 Slide
	2233 03	grey	
	2233 24	anthracite	
	2235 20	white	VS 2 Slide Comfort DF Comfort 20/30
	2235 03	grey	
	2235 24	anthracite	
	2236 20	white	VS 2 Slide Comfort
	2236 03	grey	
	2236 24	anthracite	
	2217 20	white	all roof blind model types
	2217 03	silver	
	2217 05	black-brown	
	2217 24	anthracite	

7 Accessoires

Fitting accessories

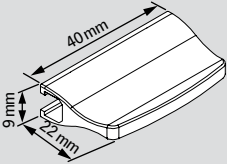
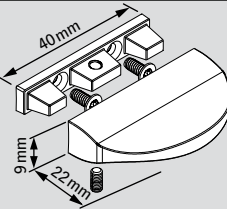
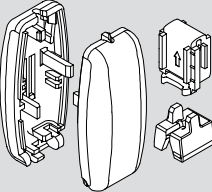
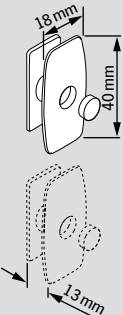
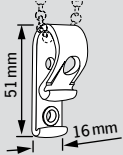
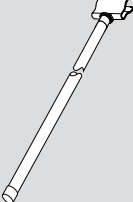
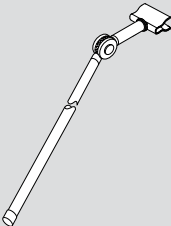
Surcharge on request.

	Art. no.	Description	for model type
	2218 20	white	all roof blind model types
	2218 03	grey	
	2218 05	black-brown	
	2218 24	anthracite	
	2219 99	silver	all roof blind model types
	2102 20	white	DF Comfort 20 / 30
	2102 03	grey	
	2926 20	96° Velux (white)	DF Comfort 20 / 30
	2926 05	102° Fakro (black-brown)	
	2930 20	white	VS 1, VS 2
	2930 03	grey	F 1 – 3,
	2930 05	black-brown	F Slope 1 / 2,

7 Accessoires

Operating accessories

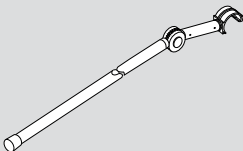
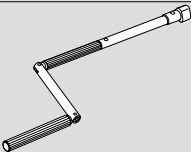
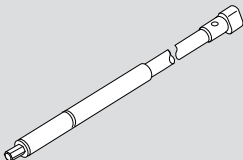
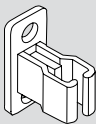
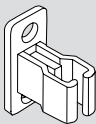
Surcharge on request.

	Art. no.	Description	for model type
		operating handle	all VS model types, All roof blind model types,
	3030 20	white	F Touch
	3030 03	grey	
	3030 05	black-brown	
	3030 24	anthracite	
	3030 26	bronze	
		design handle incl. adaptor for handle and screws	all VS model types, all roof blind model types,
	8049 20	white	F Touch
	8049 03	grey	
	8049 05	black-brown	
	8049 24	anthracite	
	8049 26	bronze	
		cord tassel incl. clamping and blocking part	all F model types except: F 4, FE
	8032 20	white	
	8032 03	grey	
	8032 05	black-brown	
	8032 24	anthracite	
	8032 26	bronze	
		cord winder, 1 piece	all F model types except: F 4, FE
	2929 20	white	
	2929 03	grey	
	2929 05	black-brown	
	2922 00	chain holder transparent	F 4
		operating rod	PL 11
	3349 02	125 cm	
	3350 02	150 cm	
	3351 02	200 cm	
	3352 02	250 cm	
		operating rod with joint	VS 1 – 10, VS 2 KL PL 11
	3309 02	125 cm	
	3310 02	150 cm	
	3311 02	200 cm	
	3312 02	250 cm	

7 Accessoires

Operating accessories

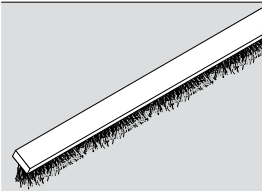
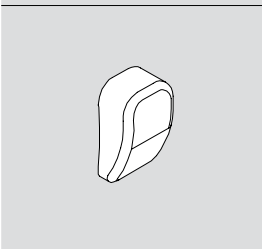
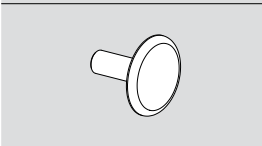
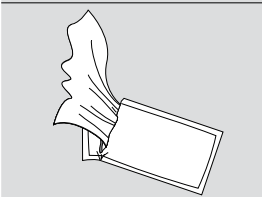
Surcharge on request.

	Art. no.	Description	for model type
	3329 02	operating rod with joint 125 cm	VS 2 Slide
	3330 02	150 cm	VS 2 Slide Comfort
	3331 02	200 cm	DF Comfort 20/ 30
	3332 02	250 cm	
	3385 03	manual crank 125 cm	PLK 13
	3386 03	150 cm	
	3387 03	200 cm	
	3388 03	250 cm	
	3365 03	operating rod for battery motor (without battery motor) 125 cm	PLK 13
	3366 03	150 cm	
	3367 03	200 cm	
	3368 03	250 cm	
		<u>requirements for battery motor:</u>	
		• receptacle for 6 mm hexagon pin	
		• min. 1.3 Ah	
		• 3 – 4 Nm	
		• 3.6 V	
		clamp for operating rod/crank	all model types with
	2924 03	grey	Operating rod or crank

7 Accessoires

Other accessories

Surcharge on request.

	Art. no.	Description	for model type
		brush strip	DF Comfort 20/30
	9010 06	black	
		cap for tension block (roof blind)	PL 11
	9014 20	white	PLK 13
	9014 03	grey	PLE 12
	9014 05	black-brown	
	9014 24	anthracite	
	9014 26	bronze	
		cover for charging socket	FE A
	9008 20	white	
	9008 03	grey	
	9008 05	black-brown	
		cleaning cloth for adhesive rail and tension shoe base	VS 2 KL, VS 2 Slide
	9006 99	with adhesive plate	VS 2 Slide Comfort

8 Material properties of the fabrics



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8 Material properties of the fabrics

Fabric overview SIMPLY CELL (ascending by design no.)

design no.	collection card	price group	width m	height limitation cm	material	weight g/sqm	thickness mm	light fastness	wet cleaning	hand washable at 30°	suitable for damp location	flame retardant	semi-transparent	dim out	darkening plus	reflexion %	absorption %	transmission %	N 20 %	O 6 %	S 5 %	W 6 %	workstation suitable	sound-absorbing α	Oeko-Tex® Standard 100	Fc-Value (reduction factor) Ref. glass: U = 1,6, DIN/EN 13363
0952	6 Platin	2	2,25	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
0962	6 Platin	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
0972	6 Platin	2	2,25	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
0982	3 Citrin	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
0992	3 Citrin	2	2,25	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
1002	4 Beryll	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
1012	4 Beryll	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
1032	4 Beryll	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
1042	4 Beryll	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
1052	5 Saphir	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
1072	5 Saphir	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
1082	4 Beryll	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
1093	2 Marmor	3	2,25	260	PES	250	0,20	6-7	x		x				x	70	30	0	x	x	x	x	x	0,25	x	0,52
1103	6 Platin	3	2,25	260	PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1113	6 Platin	3	2,80	260	PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1123	3 Citrin	3	2,25	260	PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1143	2 Marmor	3	2,25	260	PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1153	2 Marmor	3	2,80	260	PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1193	4 Beryll	3	2,80	260	PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1201	2 Marmor	1	2,80		PES	160	0,17	6-7		x	x			x		44	39	17	x				x	0,45		0,70
1211	6 Platin	1	2,80		PES	160	0,17	6-7		x	x			x		45	42	13	x				x	0,45		0,69
1221	5 Saphir	1	2,80		PES	160	0,17	6-7		x	x			x		40	50	10	x				x	0,45		0,71
1231	5 Saphir	1	2,80		PES	160	0,17	6-7		x	x			x		41	48	11	x				x	0,45		0,70
1242	6 Platin	2	2,80		PES	250	0,15	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25		0,48
1252	5 Saphir	2	2,80		PES	250	0,15	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25		0,48
1262	5 Saphir	2	2,80		PES	250	0,15	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25		0,48
1272	3 Citrin	2	2,80		PES	250	0,15	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25		0,48
1281	2 Marmor	1	2,25		PES	160	0,17	6-7		x	x			x		54	33	13	x				x	0,45		0,65
1291	3 Citrin	1	2,25		PES	160	0,17	6-7		x	x			x		54	33	13	x				x	0,45		0,65
1324	2 Marmor	4	2,80		PES	330	0,20	6-7		x	x			x		52	40	8	x				x	0,45		0,63
1344	2 Marmor	4	2,80		PES	330	0,20	6-7		x	x			x		52	41	7	x				x	0,45		0,63
1363	5 Saphir	3	2,80	260	PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1373	5 Saphir	3	2,80	260	PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1393	4 Beryll	3	2,80	260	PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1541	8 Projekt FR	1	2,80		PES	180	0,20	6-7		x	x	x		x		43	41	16	x				x	0,45		0,70
1551	8 Projekt FR	1	2,80		PES	180	0,20	6-7		x	x	x		x		43	41	16	x				x	0,45		0,70
1561	8 Projekt FR	1	2,80		PES	180	0,20	6-7		x	x	x		x		34	58	8	x				x	0,45		0,74
1571	8 Projekt FR	1	2,80		PES	180	0,20	6-7		x	x	x		x		45	45	10	x				x	0,45		0,72
1581	8 Projekt FR	1	2,80		PES	180	0,20	6-7		x	x	x		x		51	34	15	x				x	0,45		0,65
1591	8 Projekt FR	1	2,80		PES	180	0,20	6-7		x	x	x		x		32	60	8	x				x	0,45		0,76
1644	6 Platin	4	2,80		PES	330	0,20	6-7		x	x			x		51	43	6	x	x		x	x	0,45		0,64
1654	5 Saphir	4	2,80		PES	330	0,20	6-7		x	x			x		48	48	4	x	x	x	x	x	0,45		0,65
1664	7 Onyx	4	2,80		PES	330	0,20	6-7		x	x			x		47	50	3	x	x	x	x	x	0,45		0,67
1684	5 Saphir	4	2,80		PES	330	0,20	6-7		x	x			x		49	46	5	x	x	x	x	x	0,45		0,65
1694	4 Beryll	4	2,80		PES	330	0,20	6-7		x	x			x		51	42	7	x				x	0,45		0,64
1711	8 Projekt FR	1	2,80		PES	180	0,20	6-7		x	x	x		x		37	54	9	x				x	0,45		0,73
1723	8 Projekt FR	3	2,80	230	PES	330	0,20	6-7	x		x	x			x	76	24	0	x	x	x	x	x	0,25		0,48
1733	8 Projekt FR	3	2,80	230	PES	330	0,20	6-7	x		x	x			x	76	24	0	x	x	x	x	x	0,25		0,48
1744	2 Marmor	4	2,80	230	PES	260	0,25	6-7		x	x			x		37	33	30						0,10		0,72
1754	2 Marmor	4	2,80	230	PES	260	0,25	6-7		x	x			x		35	39	26						0,10		0,73
1764	3 Citrin	4	2,80	230	PES	260	0,25	6-7		x	x			x		35	45	20	x				x	0,10		0,73
1773	8 Projekt FR	3	2,80	230	PES	330	0,20	6-7	x		x	x			x	76	24	0	x	x	x	x	x	0,25		0,48
1784	6 Platin	4	2,80	230	PES	260	0,25	6-7		x	x			x		36	38	26						0,10		0,74
1794	7 Onyx	4	2,80	230	PES	260	0,25	6-7		x	x			x		32	45	23						0,10		0,75
1803	8 Projekt FR	3	2,80	230	PES	330	0,20	6-7	x		x	x			x	76	24	0	x	x	x	x	x	0,25		0,48
1814	2 Marmor	4	2,80	230	PES	260	0,25	6-7		x	x			x		40	35	25						0,10		0,71
1824	5 Saphir	4	2,25	230	PES	260	0,25	6-7		x	x			x		38	37	25						0,10		0,72
1834	4 Beryll	4	2,80	230	PES	260	0,25	6-7		x	x			x		35	39	26						0,10		0,73
1854	5 Saphir	4	2,25	230	PES	260	0,25	6-7		x	x			x		32	45	23						0,10		0,75
1864	5 Saphir	4	2,25	230	PES	260	0,25	6-7		x	x			x		32	45	23						0,10		0,75
1884	2 Marmor	4	2,80	230	PES	260	0,25	6-7		x	x			x		36	39	25						0,10		0,75
1904	3 Citrin	4	2,80	230	PES	260	0,25	6-7		x	x			x		19	58	23						0,10		0,84
1910	2 Marmor	0	2,80		PES	170	0,20	6-7		x	x			x		58	29	13	x				x	0,45	x	0,64
1924	7 Onyx	4	2,80	230	PES	260	0,25	6-7		x	x			x		8	73	19	x				x	0,10		0,90

*Fc-value double glazing / glazing C EN ISO 52022-1 / EN 14501 / Ref. glass: U=1.2

PES = Polyester / CV = Viscose / Bi = Binder / Trev. CS = Trevira CS

8 Material properties of the fabrics

Fabric overview SIMPLY CELL (ascending by design no.)

design no.	collection card	price group	width m	height limitation cm	material	weight g/sqm	thickness mm	light fastness	wet cleaning	hand washable at 30°	suitable for damp location	flame retardant	semi-transparent	dim out	darkening plus	reflexion %	absorption %	transmission %	N 20 %	O 6 %	S 5 %	W 6 %	workstation suitable	sound-absorbing α	Oeko-Tex® Standard 100	Fc-Value (reduction factor) Ref. glass: U = 1,6, DIN/EN 13363
1930	6 Platin	0	2,25	260	PES	170	0,20	6-7	x	x	x			x		43	49	8	x				x	0,45	x	0,71
1953	3 Citrin	3	2,80		PES	250	0,20	6-7	x		x				x	69	31	0	x	x	x	x	x	0,25	x	0,52
1962	6 Platin	2	2,80		PES	210	0,16	6-7		x				x		54	40	6	x	x		x	x	0,45		0,62
1972	7 Onyx	2	2,80		PES	210	0,16	6-7		x	x			x		52	42	6	x	x		x	x	0,45		0,63
1983	6 Platin	3	2,80	230	PES	210	0,16	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25		0,48
1993	7 Onyx	3	2,80		PES	210	0,16	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25		0,48
2013	8 Projekt FR	3	2,25		PES	330	0,15	6-7	x		x	x			x	77	23	0	x	x	x	x	x	0,25		0,48
2020	5 Saphir	0	2,25		PES	160	0,17	7		x	x			x		44	47	9	x				x	0,45	x	0,69
2030	5 Saphir	0	2,25		PES	160	0,17	7		x	x			x		46	42	12	x				x	0,45	x	0,68
2040	5 Saphir	0	2,25		PES	160	0,17	7		x	x			x		40	52	8	x				x	0,45	x	0,71
2050	5 Saphir	0	2,80		PES	160	0,17	6-7		x	x			x		42	47	11	x				x	0,45	x	0,70
2060	5 Saphir	0	2,25		PES	160	0,17	6-7		x	x			x		51	34	15	x				x	0,45	x	0,70
2070	5 Saphir	0	2,80		PES	160	0,17	6-7		x	x			x		40	50	10	x				x	0,45	x	0,71
2080	5 Saphir	0	2,25		PES	160	0,17	7		x	x			x		41	47	12	x				x	0,45	x	0,72
2090	4 Beryll	0	2,25		PES	160	0,17	7		x	x			x		45	43	12	x				x	0,45	x	0,69
2100	4 Beryll	0	2,25		PES	160	0,17	7		x	x			x		39	55	6	x	x		x	x	0,45	x	0,71
2110	4 Beryll	0	2,25		PES	160	0,17	7		x	x			x		40	52	8	x				x	0,45	x	0,72
2121	8 Projekt FR	1	2,80		PES	180	0,18	6-7		x	x	x		x		45	45	10	x				x	0,45		0,68
2131	8 Projekt FR	1	2,80		PES	180	0,18	6-7		x	x	x		x		45	44	11	x				x	0,45		0,68
2141	8 Projekt FR	1	2,80		PES	180	0,18	6-7		x	x	x		x		44	47	9	x				x	0,45		0,69
2153	8 Projekt FR	3	2,25	230	PES	330	0,20	6-7	x		x	x			x	76	24	0	x	x	x	x	x	0,25		0,48
2163	8 Projekt FR	3	2,80	230	PES	330	0,20	6-7	x		x	x			x	76	24	0	x	x	x	x	x	0,25		0,48
2173	8 Projekt FR	3	2,80	230	PES	330	0,20	6-7	x		x	x			x	76	24	0	x	x	x	x	x	0,25		0,48
2180	3 Citrin	0	2,80		PES	160	0,17	6-7		x	x			x		35	61	4	x	x	x	x	x	0,45	x	0,77
2192	6 Platin	2	2,80		PES	250	0,15	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25		0,48
2202	5 Saphir	2	2,25		PES	250	0,15	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25		0,48
2212	2 Marmor	2	2,25		PES	250	0,15	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25	x	0,48
2222	7 Onyx	2	2,25		PES	250	0,15	6-7	x		x				x	77	23	0	x	x	x	x	x	0,25	x	0,48
2272	7 Onyx	2	2,25	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
2302	2 Marmor	2	2,25	260	PES	250	0,20	6-7	x		x				x	74	26	0	x	x	x	x	x	0,25	x	0,48
2312	2 Marmor	2	2,25	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
2362	5 Saphir	2	2,80	260	PES	251	0,15	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
2412	5 Saphir	2	2,80	260	PES	250	0,20	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
2422	5 Saphir	2	2,25	260	PES	250	0,15	6-7	x		x				x	76	24	0	x	x	x	x	x	0,25	x	0,48
2641	5 Saphir	1	2,80	260	PES	210	0,18	6-7		x	x			x		51	46	3	x	x	x	x	x	0,45		0,65
2651	5 Saphir	1	2,80	260	PES	210	0,18	6-7		x	x			x		54	39	7	x				x	0,45		0,62
2661	2 Marmor	1	2,80		PES	160	0,17	6-7		x	x			x		44	39	17	x				x	0,45		0,69
2671	5 Saphir	1	2,80		PES	160	0,17	6-7		x	x			x		43	41	16	x				x	0,45		0,69
2681	7 Onyx	1	2,80		PES	160	0,17	6-7		x	x			x		42	42	16	x				x	0,45		0,69
2694	4 Beryll	4	2,25	230	PES	260	0,25	6-7		x	x	x				36	38	26						0,10		0,75
2703	6 Platin	3	2,80	230	PES	260	0,25	6-7		x	x	x				30	46	24						0,25		0,81
4922	1A Diamond	3	2,20	260	PES	210	0,20	6-7		x	x			x		57	36	7	x				x	0,45	x	0,61
4923	1A Diamond	3	2,20	260	PES	210	0,18	6-7		x	x			x		57	36	7	x				x	0,45	x	0,61
4924	1A Diamond	3	2,20	260	PES	210	0,18	6-7		x	x			x		57	36	7	x				x	0,45	x	0,61
4925	1A Diamond	3	2,20	260	PES	210	0,20	6-7		x	x			x		57	36	7	x				x	0,45	x	0,61
4926	1A Diamond	3	2,20	260	PES	210	0,20	6-7		x	x			x		57	36	7	x				x	0,45	x	0,61
4931	1B Juwel	3	2,25	260	PES	210	0,20	6-7		x	x			x		57	36	7	x				x	0,45	x	0,61
4932	1B Juwel	3	2,25	260	PES	210	0,20	6-7		x	x			x		57	36	7	x				x	0,45	x	0,61
4933	1B Juwel	3	2,20	260	PES	210	0,20	6-7		x	x			x		58	35	7	x				x	0,45	x	0,61
4934	1B Juwel	3	2,20	260	PES	210	0,20	6-7		x	x			x		58	35	7	x				x	0,45	x	0,61
4935	1B Juwel	3	2,20	260	PES	210	0,20	6-7		x	x			x		58	35	7	x				x	0,45	x	0,61
4936	1B Juwel	3	2,20	260	PES	210	0,20	6-7		x	x			x		58	35	7	x				x	0,45	x	0,61
4937	1B Juwel	3	2,25	260	PES	210	0,20	6-7		x	x			x		57	36	7	x				x	0,45	x	0,61

*Fc-value double glazing / glazing C EN ISO 52022-1 / EN 14501 / Ref. glass: U=1.2