

S-Pleated & Honeycomb blind



PLISSEE BLINDS

The 16mm **slim** rail honeycomb blind for special applications:

balcony glazing

glass folding system

glass facades

lift-slide elements





The 16mm slim rail system, also called smart Plisseé for the narrow glass strip, is ideal for balcony doors with a 20mm gap between sliding panels. The integrated recessed grip ensures comfortable operation of the ergonomically designed handle profile, which is only **17mm** wide.

The hanging, with a fold width of only **15mm** for normal pleated fabrics or **20mm** for honeycomb fabrics, can be positioned infinitely.

The extended web in the rear area of the profile reduces the light gap during glass strip mounting. Fastening is also possible without drilling, using the horizontal adhesive strip or FFT beams.



Functional sun protection.

NEW Slim-profile Pleated blinds and Thermal Honeycomb, also called smart Plisseé for sliding and folding Balcony doors.

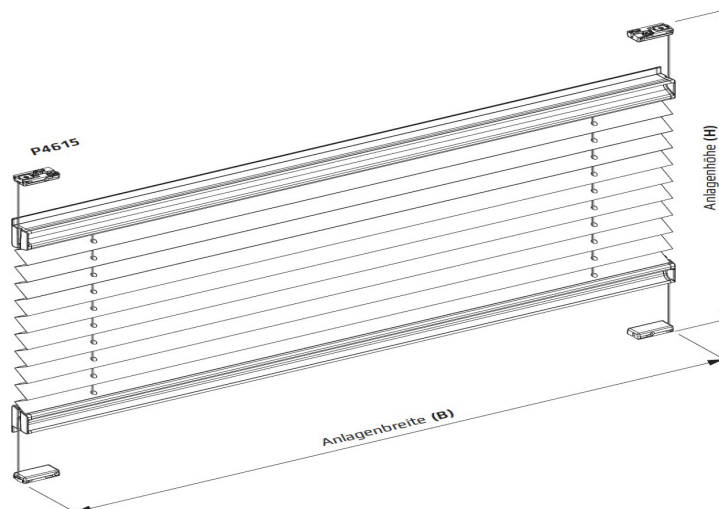
Slim rail honeycomb blinds (also available in pleated fabrics) are ideal sun protection for glass surfaces such as patios, balconies, and sliding doors. This clever new development is perfect for situations where the depth of the window or door frame is insufficient for a standard pleated blind. Whether used for privacy, glare reduction, or even blackout purposes, smart pleated blinds from PLISSEE BLINDS are an excellent choice.

Top-down and bottom-up operation blinds, raised blinds from below can significantly impact the range of what can be seen from street level or below, creating a cozy and safe atmosphere for you and your family, while letting plenty of light in and with a clear view outside and protect against heat, glare, UV, as well as insulation in winter

There are three mounting options: clamp mount for folding windows and doors, adhesive mount and the drill mount, with the most popular mounting option being the horizontal adhesive mount, also called **Stick and Fix**.



Tensioned system with handle profile and variable hanging:



Sizes/system dimensions •

Width:

Min. 0,20m

Max. 0,8 m (System height max.2,50 m) (External application e.g., Balcony glazing)

Max. 1.2 m (System height max. 2.2m)

Max. 1.5 m (System height max.1.6m)

Height:

Min. 0.20m

Max.2,50m

Area

Max:2.60m²

Angle of inclination: Max. 15°

Drive/mechanics

- Pleated fabric between two profile rails that serve as handle rails
- Fabric hanging to stop at any position
- Closed cord system
- Change of cord tension possible ± 5 mm (depending on fabric and size)
- Polyester yarn cords, $\varnothing 0.8$ mm
- Plastic parts made of high-quality, temperature-resistant and abrasion-resistant plastic

Operation

- **Handle rails:** The profile rails serve as handle rails.
- Optional: Control panel (anodized aluminum rod E6/EV1) with plastic joint and end cap in black

Profile rail

- **Width:** 16 mm
- **Height:** 30 mm
- Aluminium extruded (Al Mg Si 0,5 F22)
- Hole punching ($\varnothing 6.0$ mm) provided with abrasion-resistant plastic
- cord eyelets



Colours

- **Profile rail:** powder-coated in white (RAL 9016) or silver (according to EV1)
- Special colours possible.
- Visible **plastic parts** of the profile colours are adapted in white, grey, or black possible

Hanging

- Pleated fabric hanging • 15 mm fold width • Visible hole hole ($\varnothing 3.5$ mm) for cord guidance
- Honeycomb fabrics • 20 mm width • invisible hole bore ($\varnothing 3.5$ mm) for cord guidance
- Distance between the cords 0.28 m or 0.35 m (depending on the fabric)

Mounting

• **Attachment of the fitted feet:** Direct screwing of the tension shoe holder (DIN 7981 $\varnothing 2.9 \times 9.5$ mm) into the glazing bead, recess or with glazing bead angles outside onto the glazing bead.
Adhesive fastening: (A. horizontal mount) Glue the adhesive strips to the top and bottom of the glass bead, or to the edge of the glazing bead, on the glass pan. (B. horizontal mount) Glue the adhesive strips at the left and right edges of the glazing bead, parallel to the glass panel.

Clamping mount: Clamp over the window frame sash

Extension rod:

Available on request, colour in anodised silver, length: 1.0m, 1.5m, 2.0m, 2.5m



Physical Properties of the Pleated & Honeycomb Blind Fabrics

Reflection (R)

is the proportion of energy rejected by a body (light rays are reflected).

Transmission (T)

is the energy passing through a body (rays of light pass through the fabric).

Absorption (A)

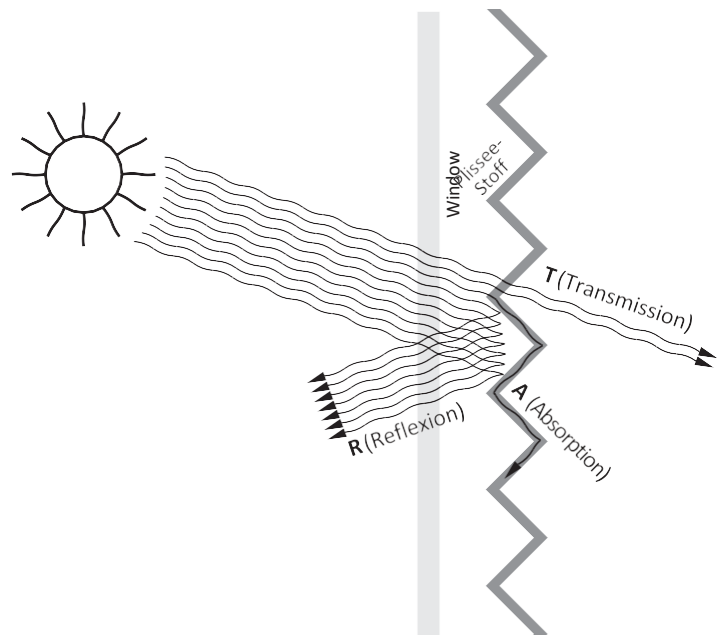
reflects the proportion of energy converted into heat by a body (Light rays are absorbed by the fabric).

The three values together give 100 %.

$$R + T + A = 100 \% \text{ energy}$$

The reflection, transmission and absorption values vary greatly from collection to collection.

The condition of the carrier tissue is decisive. That is, the more openly a fabric was woven, the more light can penetrate through the fabric.



Specially refined pleated qualities are particularly powerful with regard to these "RTA values".

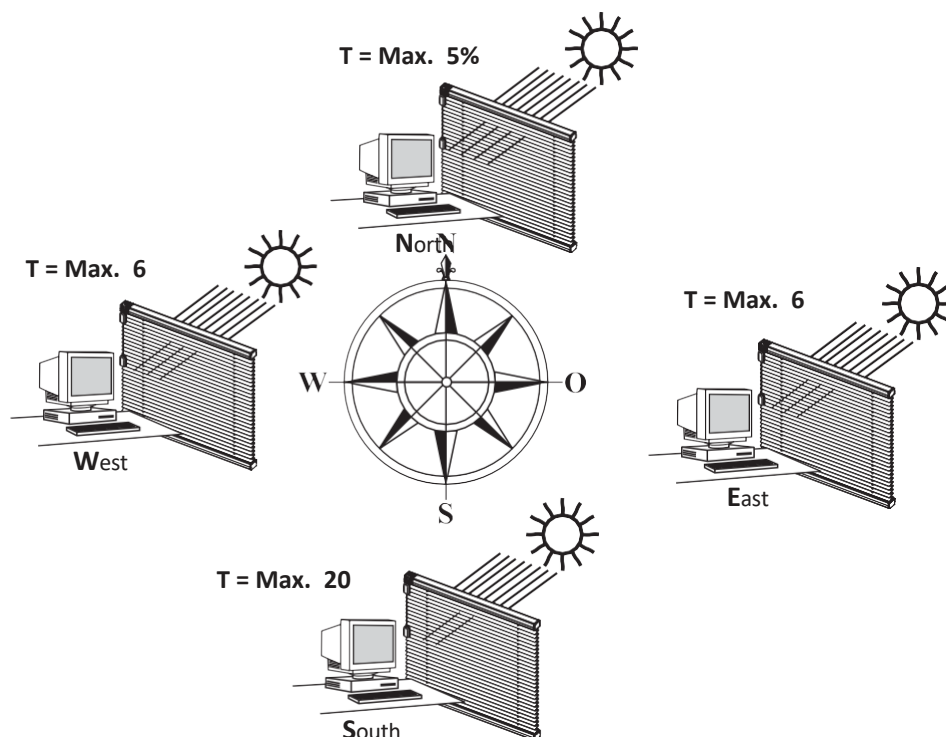
These are fabrics that have a so-called mother-of-pearl coating (Perlex®) on their outward-facing fabric surface. These fabrics have a high degree of light reflection and are also less sensitive to contact with splash water or insect excrement than aluminum-coated qualities.

VDU work

Since 01. January 2000, the VDU Work Ordinance (**in Germany**) prescribes light protection devices for VDU workstations. Task: To avoid glare and reflections on monitors and also to allow a clear view to the outside.

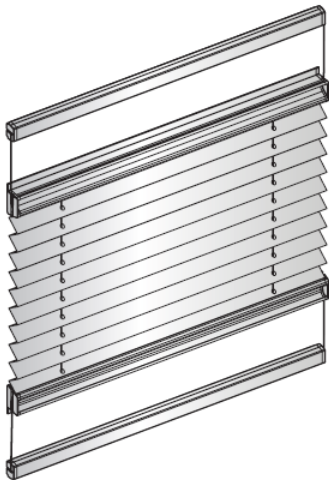
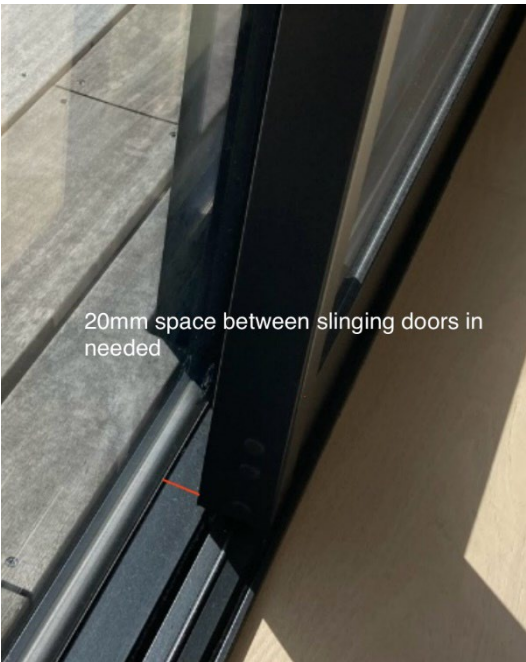
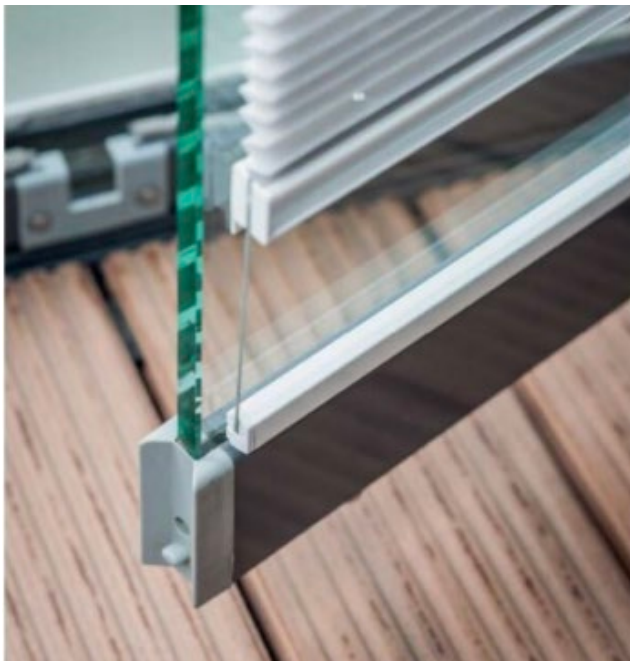
From each direction of the compass is the sunlight or sunlight. the light intensity varies. The ideal value in the workplace is between 500 and 1500 lux. The achievement of this value is decisively influenced by many factors. Thus, the season, the direction of incidence of the sun's rays as well as the presence of opposite buildings also play a decisive role in the necessary transmission value of the curtain.

For practical implementation, we recommend as a "rule of thumb" not to exceed the maximum transmission values.



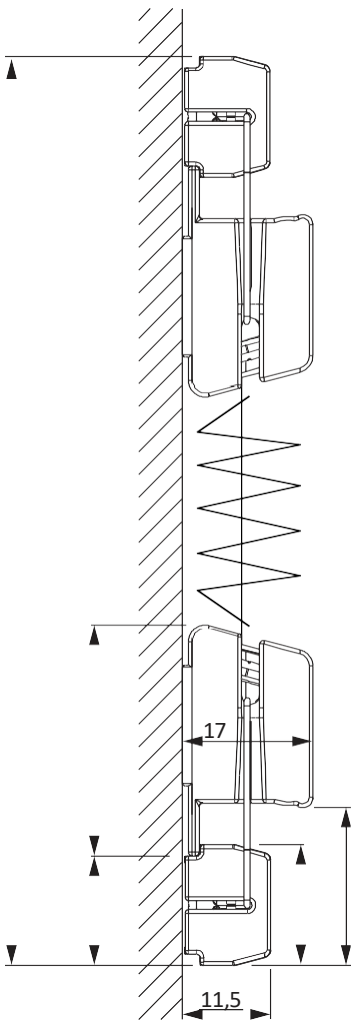
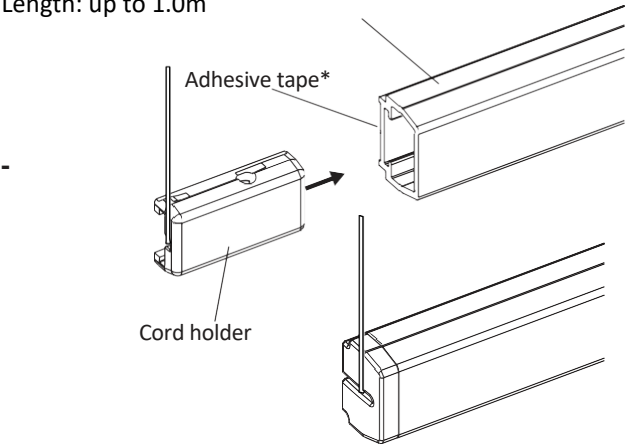
Mounting Option: Adhesive mount Horizontal-Adhesive Strip, mounted onto the glazing.

SLIDING DOORS:



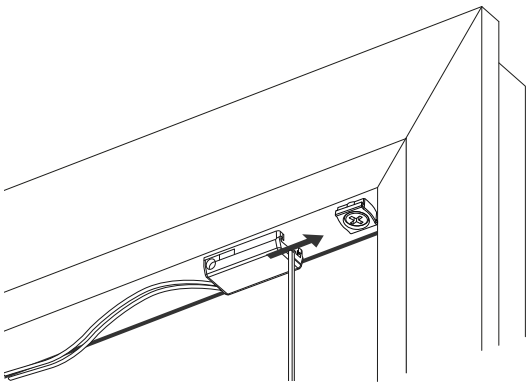
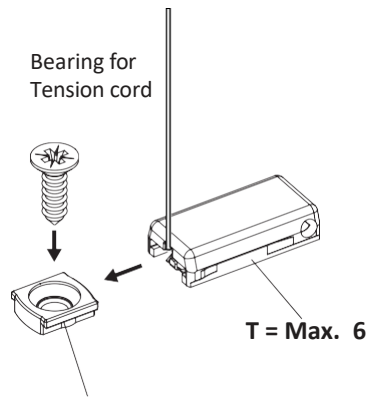
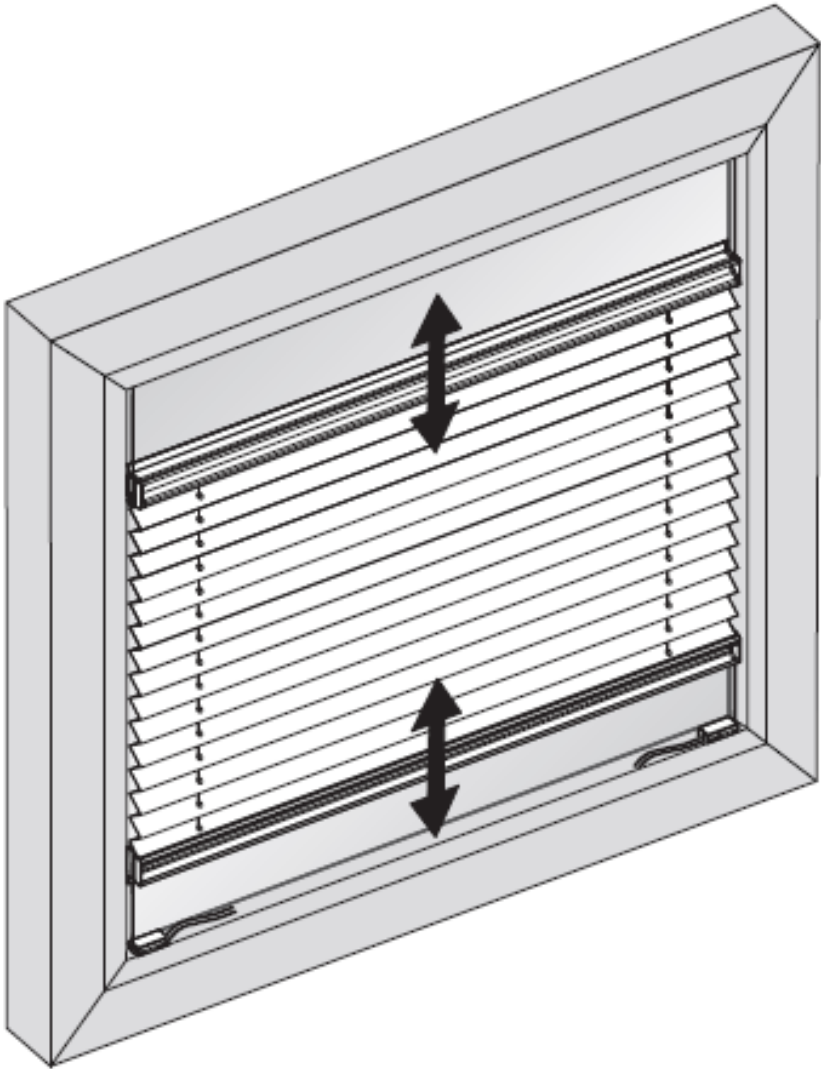
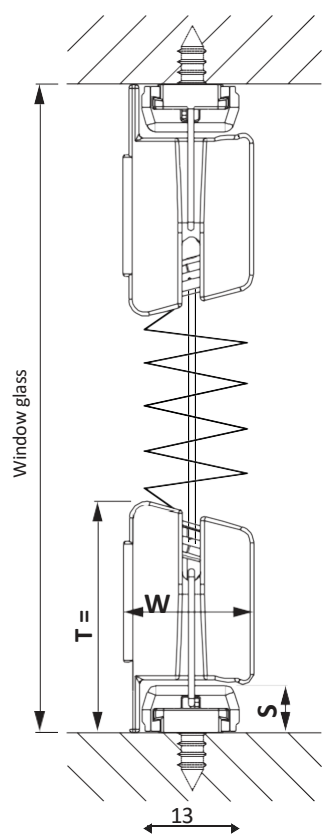
endcap

Adhesive Strip,
Colour: white & silver
Length: up to 1.0m



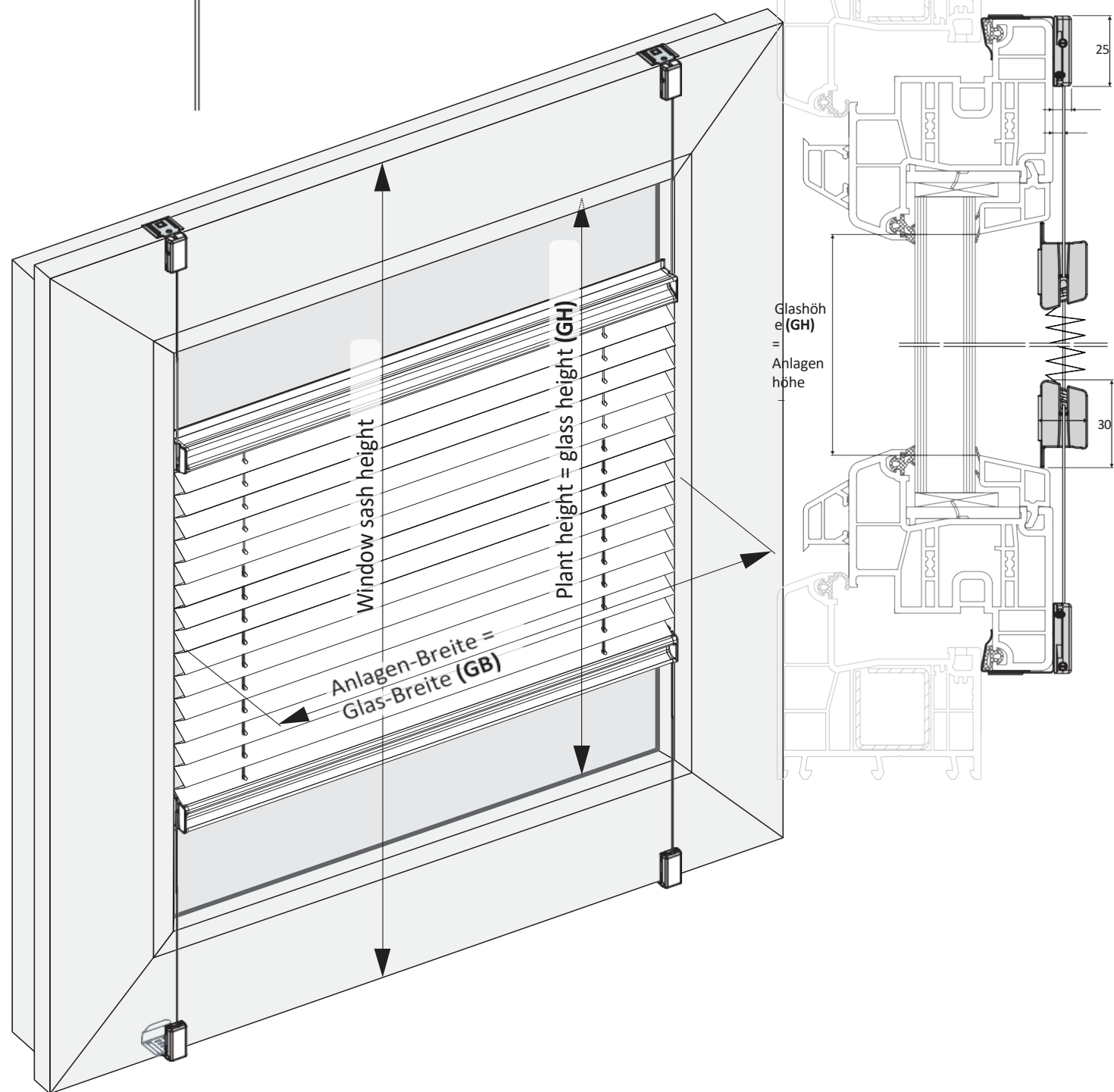
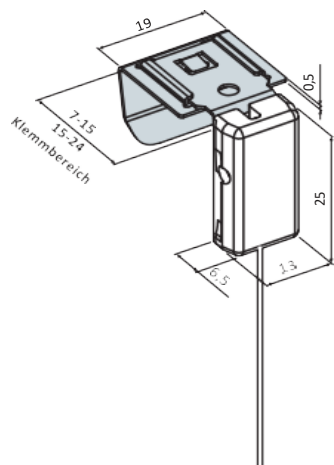
Mounting option: Skewed into the Windowpane/Glazing bead or recess

(Tension shoe mount)



Mounting Option: clamped over the window frame sash (Clamp mount) for folding doors and windows.

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Here's a summary of the advantages of the 16mm slim frame blinds

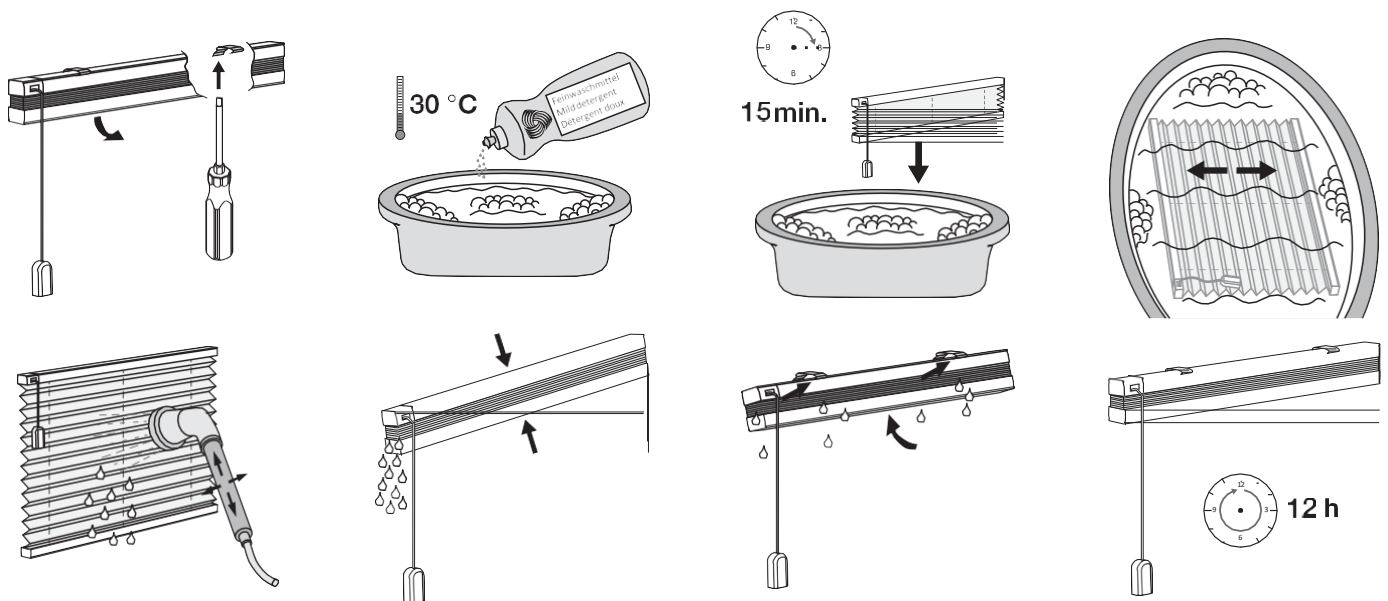
The 16 mm honeycomb and pleated blind offers numerous advantages over conventional sun protection products for windows with narrow glass rebates. Below are some of the most important advantages of this custom-made product:

- **✓ Space-saving solution:**
Sliding doors require a sun protection solution that takes the limited space into account. The 16 mm pleated blind perfectly meets this requirement. Thanks to its narrow pleats and operating rails, it can be easily installed even on narrow glass rebates without restricting the sliding door's range of motion.
- **✓ Custom-made to fit various window sizes:**
The slim rail blind is cut to your exact measurements down to the millimetre, ensuring a perfect fit for your window. You don't have to compromise on function or appearance. 16 mm pleated blinds or honeycomb blinds can be made to cover areas up to 2.5 m² (140 cm wide x 230 cm high).
- **✓ Individual design options:**
The 16 mm honeycomb and pleated blind is available in a wide range of pleated fabrics and colours, from transparent to opaque to blackout, with the honeycomb fabric range limited to neutral colours in translucent and matching blackout fabric.
- **✓ Easy installation and operation:**
The smart pleated blind is easy to install and operate. You don't need any special tools or expertise. The installation instructions are simple and easy to understand. Operation is via the control rail; you can freely position the pleated blind on the window and open or close it.
- **✓ High quality and durability :**
Our smart pleated blinds for sliding doors or balcony glazing are manufactured in Germany using high-quality materials. The fabrics are easy to care for, robust, and colourfast. The track system is particularly narrow, ensuring smooth operation.
- **✓ Effective sun and heat protection:**
Pleated blinds or honeycomb blinds protect your balcony from excessive sunlight and heat. You can individually regulate the amount of light entering the room and ensure a comfortable temperature. 16 mm honeycomb blinds are particularly recommended, as they offer additional heat/cold insulation.

Cleaning

Due to the use of different materials in fabric collections, there are different processes for cleaning and maintaining their individual qualities. To ensure a long service life while preserving the original product properties, the following instructions should be observed.

Thanks to a special manufacturing process, our fabric is antistatic and therefore dust- and dirt-repellent. Occasional brushing with a soft brush or dust frond is usually sufficient. For heavily soiled items, all substances can be cleaned as described in the washing instructions.



⚠ General information: If textile hangings are improperly cleaned, the flame-retardant and anti-aging properties of the fabrics can be partially or even completely lost.

When cleaning glass and window frames, care must be taken to prevent water or harsh cleaning agents from contacting the pleated material.

In electrical systems, the engine components must not come into contact with water, alkalis or acids.

No warranty can be given for damage to substances caused by condensation, cleaning agents or insect dirt.

Please refer to the corresponding substance card for the recommended cleaning method (AS NOT ALL FABRICS ARE HAND-WASHABLE)