
Panel tracks and roller blinds





30846

KADECO panel tracks

Panel tracks manufactured by KADECO are variable and versatile.

Especially for the decoration of large windows, panel tracks offer a lot of possibilities: for nearly each print design, the suitable uni colour is available. Thereby, panel tracks in different designs and colours can be combined and harmonized with each other. Moreover, the individual panel tracks can be moved freely which creates the creative freedom for an aesthetically pleasing interior design.

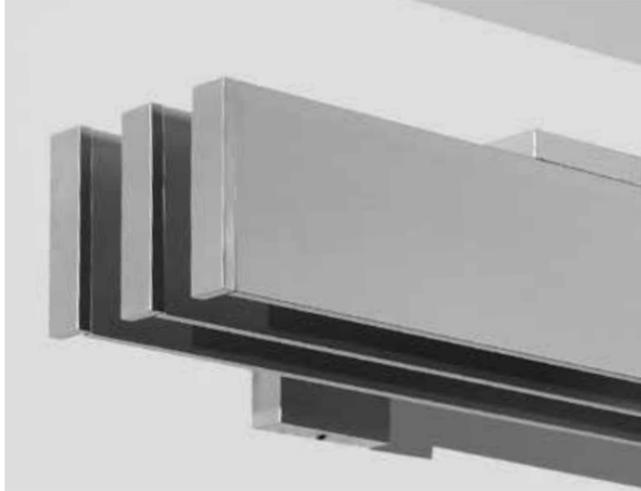
Our collection offers you an attractive selection of up-to-date fabrics, like e.g. trendy print designs in watercolour look or new textile structures. Beautiful transparent fabrics in manifold variations and fine colour gradations from white to ecru as well as creme and beige suffuse your rooms with soft and gentle light. Multicolour fancy yarns, jacquard greens and a wide selection of modern colours are only some of the features. Moreover, you will find more than 200 further fabrics in a textile look and haptics in our textile collection.

The result is a unique product which has been manufactured with the highest accuracy especially for your needs - your panel track made to measure from KADECO.



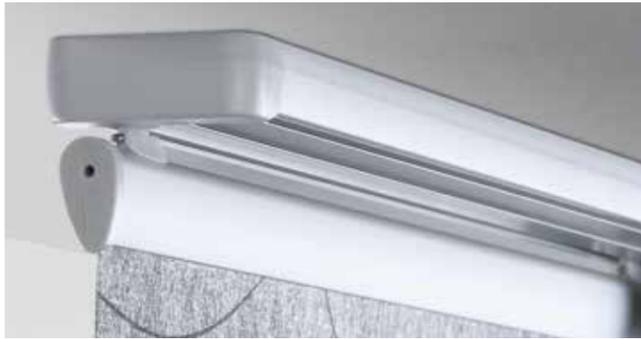
Type survey

KADECO panel tracks are available in three different versions: the design version FreeLine enthuses by its puristic stylistic elements; the ClassicLine being the standard rail offers various operating possibilities and the new SlimLine is characterized by the ultra flat constitution of its rail.



FreeLine

Precious rail design with high-quality anodised surface



Classicline

Mature technology with various operating possibilities



SlimLine

Flat rail constitution with approved technology



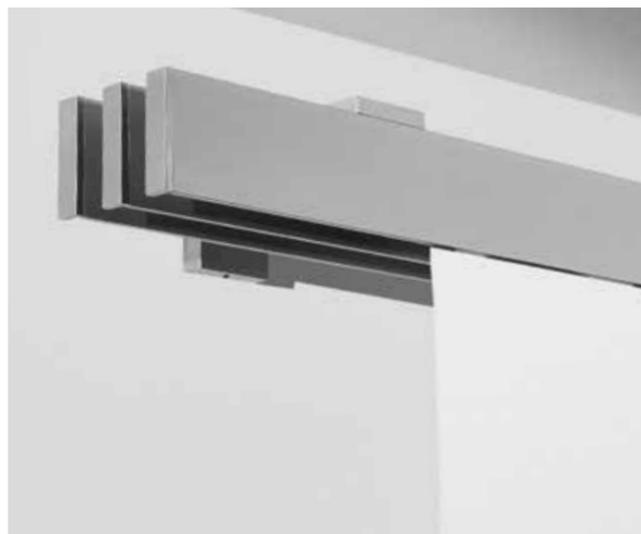
■ 30170 ■ 10111

FreeLine – type versions

FreeLine50

The link of puristic design and perfect functionality is made by the FreeLine panel track technology. Viewed from the front, merely a 50 mm high aluminium rail is visible which can be perfectly adapted to the interior design by its end caps made of metal or wood.

Up to 5 tracks can be arranged consecutively. The panel tracks are attached into the tracks in a concealed manner. The fabrics can be moved nearly soundlessly. The simple attachment and removal of the panel tracks convinces as well as the possibility of an assembly at the wall, under the ceiling or laterally in the niche.



FreeLine50-IL

With the FreeLine50-IL system, the panel track rail is complemented by an inner track for tailored curtains in the front track to the room. Soft falling fabrics enframe the linear contours at the lateral sides and are a very decorative component to the entire system.



FreeLine35

The FreeLine design line is completed by the reluctant and only 35 mm high profile. Identical in its basic construction, up to five tracks can be positioned in fixed distances one behind the other. The puristic rail is quite present but is however, unobtrusive in its appearance.





FreeLine - versions for panels

After having assembled the panel track rail, the panel tracks (type FLP and FLK) can easily be attached and removed. Both versions are either concealed (FreeLine50) resp. visible (FreeLine35) behind the track.



Panel track type FLP

The fabric is connected to a plastic beading profile which is inserted into the panel carriage.



Panel track type FLK*

The velcro of the fabric is fixed to the hook-and-loop tape of the panel carriage.



Visible bottom profile (type AFP)

The elegant bottom profile is pushed onto the beading profile of the fabric.



Inside weighting (type AFS)

The fabric is provided with a seam into which a weighting profile is inserted.

* restricted delivery availability. Please ask for appropriate fabrics.

Options

Optional solid wood end caps are available in maple, cherry tree or walnut if you want to add a touch of personal style for extra emphasis with the FreeLine50.

Profile colours

Anodised (E6/EV1)



ClassicLine + SlimLine

The ClassicLine and SlimLine convince by their high-quality manufacture and minimalistic look. Panel carriages mounted on roller bearings allow a free-moving slide of the panel tracks.

Both systems are especially recommend for an assembly under the ceiling. They differ in their operating options as well as the height of the rails.



ClassicLine

The rail of the ClassicLine with a height of 17 mm is assembled by means of clips or quick fasteners under the ceiling.



SlimLine

With a flat format of 11 mm only, the SlimLine rail is pre-drilled and directly screwed with the ceiling.

Type and operating versions



„Freely movable“ ClassicLine (type FVV) SlimLine (type SVV)

To operate the unit, you simply push the individual panels in any direction. The panel carriages (type CLP) feature eyelets on both sides, enabling operating rods (optional) to be attached. Profile connectors allow several rails to be combined with one another and extended as required. You can select whatever panel width and however many panels you want. Individual panels can be positioned in a flexible way to allow overlapping.



„Panel tracks with cord pull operation“ ClassicLine (type FVS) **

The cord pull can be positioned on the left or on the right. A re-direction of the rollers allows a smooth and convenient operation of the panel carriages (types CLP and CLK) up to a unit width of 700 cm. The panel width, number of panels, positioning and overlapping result from your individual interior and window design.

**

Concerning type FVS (cord pull operation), we explicitly point out the valid regulations of the standard DIN EN 13120 „Childproof operation“.



„Operating rod“ ClassicLine (type FVB)

The unit is operated by means of an operating rod on the first panel carriage, which uses pusher carriers to pull the remaining panels along behind it. Profile connectors allow two rails to be coupled and extended to a length of more than 700 cm.

„Motor“ ClassicLine (type FVM)

The panel track is controlled easily by means of a remote control. The unobtrusive 24V motor creates a form-closed unity with the rail.

► Panel tracks are suitable for large-scale windows as well as a perfect solution being a room divider.



□ 65536 □ 60663 ■ 60666 ■ 60667 ■ 65540

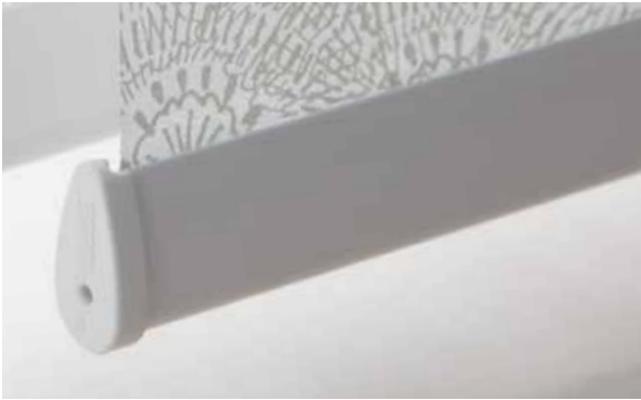


65103 10635

ClassicLine + SlimLine - versions for panels

Panel carriage CLP

The fabric is linked with a plastic beading profile which is inserted into the visible panel carriage.

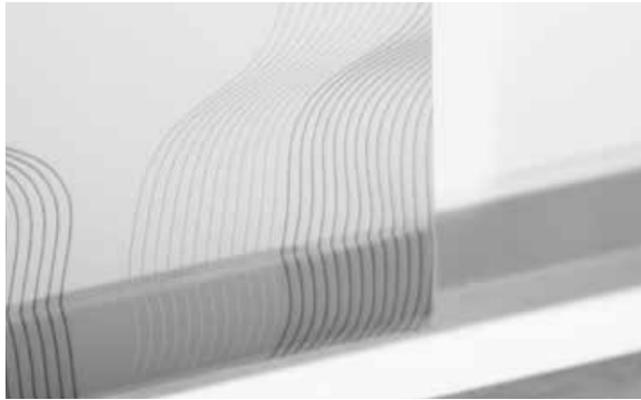
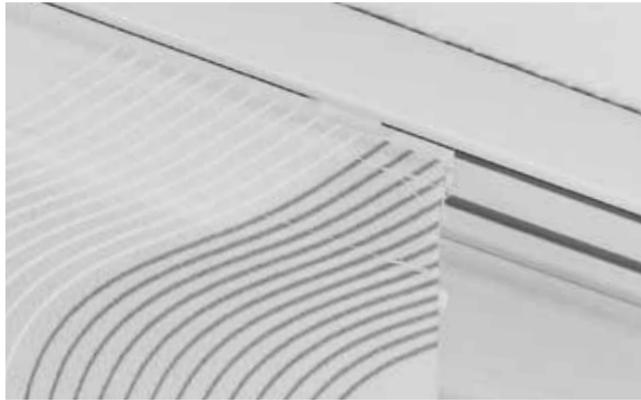


Visible bottom profile (type ACP)

The outside bottom profile is pushed onto the cord edge of the fabric.

Panel carriage type CLK*

The velcro of the fabric is fixed to the hook-and-loop tape of the panel carriage. The optimised velcro panel carriage is inserted into the running track of the rail so that no light gap between the fabric panel and running track is visible.



Seam with inside weighting (type ACS)

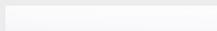
The fabric is provided with a seam into which a weighting profile is inserted.

* restricted delivery availability. Please ask for appropriate fabrics.

Colour finish

The panel carriages and the utilised components are available in white (RAL 9016) and anodised aluminium (E6/EV1).

Profile colours

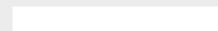


White (RAL 9016)

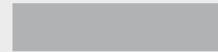


Anodised (E6/EV1)

Plastic parts



White



Grey

Combinations with roller blinds

In case a room is equipped with windows in differing dimensions, it is useful to install different sun protection systems. In order to perfectly harmonise the individual products with each other, we offer many fabrics both for panel tracks and roller blinds. By means of the cross-product combination of colours and designs, you achieve a harmonic appearance.



The following symbol appears next to certain samples to indicate which panel track fabrics are suitable for roller blinds. Your specialist retailer will be glad to explain all the technical options and other fabrics that our roller blind collection has to offer.



Characteristics / configuration

Material abbreviations			
CO	Cotton	PVC	Polyvinyl chloride
Metallik-Garn	Metal yarn	Trevira CS 	Trevira CS
PA	Polyamide	VI	Viscose
PES	Polyester		



The question of how the fabric behaves in the incoming sun-light is crucial for creating your desired indoor climate and the right kind of visual impression with your panel track. With this in mind, we always provide eight values for each fabric in the product overview.

Photometric values

By the term „light“, the visible range of the radiation spectrum from 380 - 780 nm is defined in physics. The values reflection, transmission and absorption mentioned below always sum up to 100 %.



Light reflection

The light reflection degree indicates the percentage of the visible light which is reflected outward.



Light transmission

The degree of light transmission of a sun protection device indicates the percentage of visible light which is transferred from outside to inside.



Light absorption

The degree of light absorption indicates the percentage in the visible range which is absorbed by the sun protection device.

Values related to solar technology

In order to calculate the total energy transmittance value, the visible as well as the invisible percentage of the solar radiation have to be considered. Hereby, different values in comparison to the visible light arise.



Reflection of radiation / degree of solar reflection

The degree of the reflection of radiation resp. the degree of energy reflection of a sun protection device marks the percentage of radiation in the entire sun spectrum which is directly reflected outward by the sun protection device.



Transmission of radiation / solar transmission

The solar transmission indicates the percentage of the entire radiation (light and infrared and UV) which is transferred from outside to inside.



Absorption of radiation / degree of solar absorption

The degree of absorption of the radiation or the degree of energy absorption indicates the percentage of radiation in the entire range of the solar spectrum which is absorbed by the sun protection device.

Energetic values

The effect of the sun protection device to the system of glazing and inside sun protection is defined by the two central technical values „degree of total energy transmittance“ (g_{total}) and the „reduction ratio“ (F_c value).



Total energy transmittance rate

The total energy transmittance rate (g_{total}) indicates how much sun energy can enter into the room through the entire system of glazing and sun protection. As far as you want to save cooling energy in summer resp. reduce heating, the total energy transmission rate should be minimised. The sun protection device should reduce the entire transmission - the total energy transmission rate should be as small as possible.



Derating factor

The second (alternative) rating factor for the evaluation of the sun protection textile is the derating factor (F_c value). It indicates to what extent the sun protection textile reduces the energy insertion in the entire system. In order to determine this value, the energy insertion is set in proportion to the value with and without a sun protection device. Due to the fact that the energy insertion should be as small as possible, the derating of the energy insertion has to be as large as possible. The derating factor should therefore be as large as possible when considering this fact.

Characteristics / configuration



Dirt-repellent

KADECO's dirt-repellent fabrics ensure invisible protection against soiling from a large number of household substances. We recommend the use of these fabrics in kitchens and cafeterias, for example.



Pearlescent coating

KADECO's pearlescent-coated panel track fabrics offer multiple benefits: The coating ensures a high level of reflection in response to light and heat radiation. It is resistant to insect droppings and alkaline detergents. We particularly recommend these fabrics for large areas of glass as well as for offices or conservatories.



Aluminised

Aluminised fabrics not only have extremely good reflection properties but are also available in different transparency levels. Besides the glare and heat protection, the view from the inside out is kept.



Teflon® coating

KADECO Teflon®-coated fabrics ensure invisible protection against soiling from a large number of household substances. Teflon® remains just as effective after cleaning and has been dermatologically tested. We recommend the use of these fabrics in kitchens and cafeterias, for example.



Öko-Tex Standard 100

Fabrics bearing this label meet a whole range of human ecological requirements. Strict limit values are imposed regarding the substances they contain and any additional features that are added. The „Öko-Tex Standard 100“ is a uniform global testing and certification system that covers the entire production chain from the sourcing of raw materials and processing right through to disposal. It is subject to constant scrutiny.



Antimicrobial protection

Panel track fabrics featuring permanent antimicrobial protection are an effective precaution, particularly on locations where hygiene is of the utmost importance, such as doctor's surgeries, hospital wards, etc. They prevent the growth of various types of bacteria and fungus (e.g. in damp rooms), thereby significantly reducing the risk of infection.



Sound-absorbing

In order to improve the room acoustics, we offer sound-absorbing fabrics whose effect is measurable and certified in sound-absorbing grades according to DIN EN ISO 11654.



Q sign

The Q sign assigned by the VIS (Verband innenliegender Sicht- und Sonnenschutz) ensures observed material properties and functionalities on the basis of the current technical standards. The exercise tests are carried out by independent and neutral institutes.



Suitability for workstations

Computers have completely revolutionised the modern workplace over the last few years.

New discoveries relating to how workstations should be designed with employees' health in mind have led to a range of laws and ordinances. These have become compulsory for the employers.

For the precise wording, please refer to:

- Requirements for office workstations with visual display terminals ISO 9241-6
- German workplace ordinances (sections 7 and 9)
- German workplace guidelines
- German employer's liability insurance association information (BGI 827/prevention)

The information can be summarised as follows:

- Every window must be fitted with a suitable, adjustable glare protection device
- Annoying glare and reflection on screens must be avoided
- The equipment should be adjustable so that users have a line of sight to the outside world, for most of the time at least.

Information on implementing the statutory requirements

Thanks for their adjustability and the different levels of material transparency available, panel tracks are particularly suitable for internal glare protection. KADECO can offer an extensive range of fabrics for non-residential buildings:



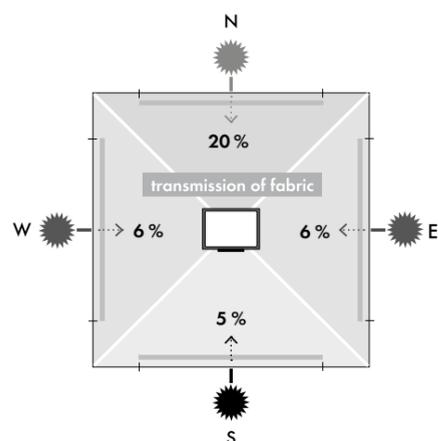
= suitable for workstations

Panel tracks with a transmission value of max. 5 %, particularly for south-facing locations



= suitable for workstations to an extent

Panel tracks with a transmission value of between 6 % and 20 % (see graphics) for use in north-facing, east-facing or west-facing locations:



Other factors you should take into account:

- Position/orientation of screens (around 90° in relation to window)
- Matching of panel track colours to room environment
- White/bright fabrics can lead to internal reflections
- Covered/mat colours and surfaces optimise the results
- Darkening panel tracks may make it necessary to use artificial light

You will find further practical information about implementing the EU directive in the brochure published by the German association VIS (Verband innenliegender Sicht- und Sonnenschutz e.V.) This information does not claim to be complete, and does not exclude any other equivalent technical solutions that are equally safe.

The information provided above is based on case studies according to information from the VIS and is used merely for determining the necessary transmission values. In certain unfavourable situations, external glare protection measures may be required in addition.

LaserCut

LaserCut from KADECO gives panel tracks a distinctive finish. Our modern, computerised laser technology can inscribe a wide range of motifs, symbols or lettering into the drape - in precise accordance with your requirements.

L This symbol characterises all fabrics on the sample pages which are suitable for LaserCut motifs. With LaserCut, the interplay between light and shadow reaches new dimensions.



Care instructions

KADECO panel tracks are resistant to dust and dirt because of the special coating that is applied to both sides. However, should you still wish to clean them, please follow the specific care instructions by referring to the cleaning symbols.

Prior to cleaning, remove the panel carriage and the bottom profile in any case.



Brushing

Soiling such as dust can generally be removed by brushing the fabric with a soft clothes brush or by vacuuming it carefully.



Damp cloth

To wipe the panel track with a damp cloth, place it on a smooth surface. Wipe the panel track carefully on both sides with a soft cloth which has been moistened with a mild detergent.



Cleaning bath

Loosely roll up the individual lengths of fabric. Reach into a rolled up length of fabric from the side and move it around in warm mild detergent (max. 30°C) for no more than 10 - 15 minutes. After immersing the fabric, rinse it out with clean water, let it drip for a moment and then hang it back up while still wet. Once the end profile has been attached to the lengths of fabric, hang them up (with a towel underneath to catch the drips) and allow them to dry with the window open

Childproof operation according to DIN EN 13120

The European standard DIN EN 13120 contains special requirements for child safety of sun protection devices. Hereby, the danger of strangulation of infants by operating chains or operation loops has to be minimised. As far as the respective operating elements are contained in the product, the minimum distance to the ground (generally 150 cm) and the use of special security components has to be observed.

Being a responsible manufacturer, we respect - as a matter of course - the normative requirements and offer childsafe operating options for each type. Please take care of the local conditions when ordering our KADECO sun protection device in regards to childsafe and comfortable operation.

For further information, please visit www.kadeco.de, contact the national inter-trade organisation (ViS - Verband innenliegender Sonnenschutz) or the national standardisation institute.

