

Panel glide systems

Effective glare control for large glazed areas



THE TASK

Bright, sunny buildings and spacious interiors are the dominating features in modern architecture. Large facade elements of glass however allow much more light and solar heat to enter these buildings.

Too much light and glare in office buildings have negative effects on VDU work and might lead to health problems.

Effective installations for sun and glare control must

- avoid reflections and glare
- reduce incoming solar heat caused by large glazed areas
- have a discreet and harmonious design
- provide user-related shading of large glazed areas or glass walls

THE SOLUTION

Panel shades are most effective in sun and glare control of large glazed areas. Users can operate them separately and according to their individual requirements. Panel shades are also useful as wings in theatres, shop-window backgrounds or mobile dividers in large multi-function rooms.

The panel shades consist of metallized, flat-surface embossed and pleated polyester film material of different luminous transmittance.

The film material has a mirror effect, thus reflecting more than 80 % of the incoming solar energy (depending on the type of glass) into the open.

Regarding unhindered sight to the outside world, window films comply with the requirements of the EU Directive on VDU-Work.



MULTIFILM®

Perfection for windows.

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SPECIFICATION

The system

- max. width of system: 12 m
- max. width of individual panels: 3 m
- max. height: 3.50 m
- max. 10 tracks per panel system
- operation by lateral cord or rod
- headrail and operating elements in white

The panels

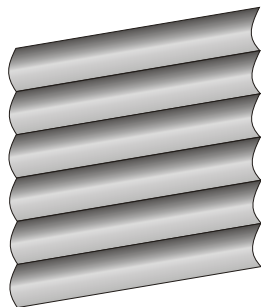
They are made of MULTIWAVE® pleated, flat-surface embossed reflector film material and are installed overlapping to avoid light slits on either side.

Aluminium bars at top and bottom are white. The panel top bar is fastened by Velcro closers to the carrier trucks on the headrail.

The film material

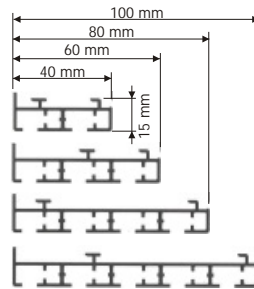
MULTIWAVE®-pleating makes the film material rigid at the edges and stable on the surface. That prevents dish effects and bulging.

Pleats can be spaced to option from 10 to 100 mm. A spacing between 80 and 100 mm is recommended for large panels.



The headrail

Headrails with two to five tracks can be coupled one behind the other or in row.

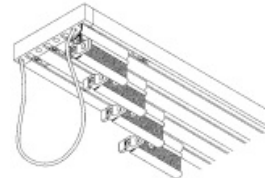


2-track headrail

3-track headrail

4-track headrail

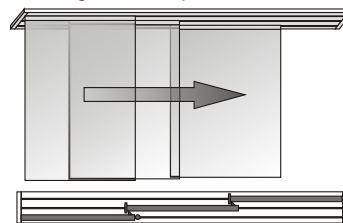
5-track headrail



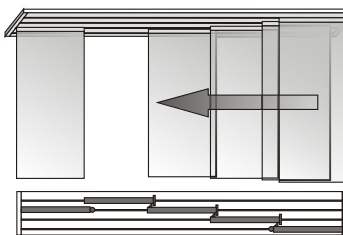
Installation

- to the ceiling with ceiling brackets
- to the wall with wall brackets

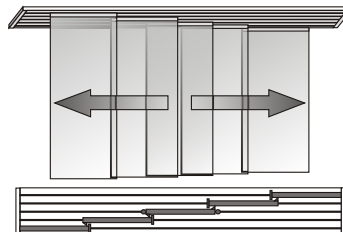
Arrangement options



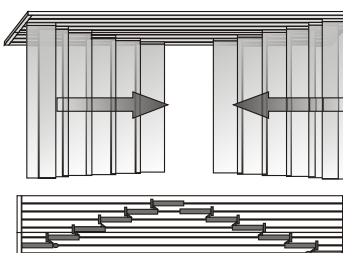
3 tracks, unilateral, panel bunch left, one stationary panel



4 tracks, unilateral, panel bunch right, two stationary panels



5 tracks, panel bunch central, one stationary panel



7 tracks (headrails with 3 and 4 tracks coupled), bilateral, two stationary panels



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Please contact:

MULTIFILM Sonnen- und Blendschutz GmbH
 Hohensteiner Str. 32 + 32 • D-09212 Limbach-Oberfrohna
 fon (0 37 22) 77 05-0 • fax (0 37 22) 77 05-77
 www.multifilm.de • e-mail: info@multifilm.de

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