

Film roller blinds

MULTIWAVE® type



THE TASK

- Increase of stability
- Even and aesthetic appearance of the facade
- Making of pleats that are almost invisible
- Improvement of the sight through the film material to the outside world
- Shading of large glass facade elements

THE SOLUTION

The special process of MULTIWAVE®-pleating stabilizes the film material so that dish effects, bulging and crinkles are prevented. The exterior view of the building is harmonic and elegant. The required unhindered view from the room to the outside world is fully maintained. As pleating is possible for films up to 3 m width, preferably large glass elements can be shaded most effectively and in an attractive way.

DESIGN

MULTIWAVE® pleating is a process of gentle pleating and stabilisation of the material at the same time. Pleating is variable in spacing between 40 and 100 mm according to our Customers' requests. The recommended pleat spacing is 70 to 100 mm.

The pleat surfaces can be either convex or concave. Preferred is convex towards outside.

- 1** The new MULTIWAVE® roller blind
- 2** The standard accordion-pleated roller blind



MULTIFILM®

Perfection for windows.

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For shading large windows, even a third layer added to the two-layer film material could not compensate the tensions in the material. And moreover the dish effect was visible. To compensate these tensions and prevent the dish effect, large-size flat-surface-embossed film sheets get MULTIWAVE[®]-pleated in addition..

MULTIWAVE[®]-pleated films have a high surface stability and look harmonious from inside and outside.“

1 The new MULTIWAVE[®] roller blind

2 The standard accordion-pleated roller blind

BENEFITS

- no dish effect, no bulges, crinkles or stripes
- particularly suitable for widths over 150 cm
- max. width 3 m
- good draw-up behaviour
- pleat spacing variable between 40 and 100 mm to option

SIDE GUIDES

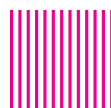
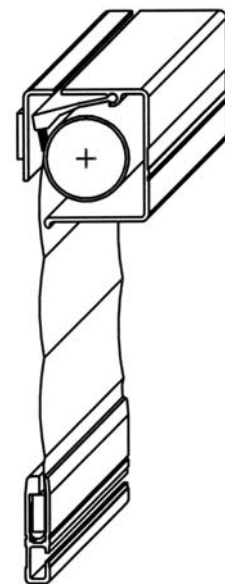
- all types of side guides are available
- in addition, side guide type U12 can be applied (only the bottom rail of the roller blind is running in the guides, not the film)

FILM MATERIAL

Any film material that has been full-surface embossed can be pleated in the described way.

OPERATION

- either mechanically by chain or cord
- electrically



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