



Press release

Innovative curtain offers individual views according to elongation

R+T Innovation Award 2018 for cassette roller blind by Warema

Warema is presenting the cassette roller blind Stretch for the first time at the R+T 2018, the world's leading trade fair for roller shutters, doors/gates and sun shading systems. The innovation allows varying levels of brightness into a room depending on the level of elongation of the special fabric, allowing the user to easily change from a clear view to effective glare control. This unique concept has ensured that the European market leader for technical sun shading products secured the attention of all the experts: the study Cassette roller blind Stretch is the holder of the R+T Innovation Award 2018 in the category of internal sun shading systems.

A fabric with a transparency that can be set individually – sounds like something from the future. The only other area where this sort of thing is not unheard of is in the case of glass that darkens according to the level of brightness. However, the principle of the cassette roller blind Stretch is easy to understand – the secret's in having the right fabric. To achieve it, Warema worked closely with a weaving mill to develop a special fabric from fixed silicone threads and various other yarns, which it then consistently improved. Warema has turned this curtain into a motor-powered roller blind that can be controlled by switch or control.

Setting the opening factor individually

The fabric stretches over the downward movement of the roller blind, which gives it a higher opening factor. The high level of transparency provides a clear view through and allows plenty of daylight into the room. When it is fully extended, the bottom rail takes up its position, and elongation is reduced. The fabric contracts to provide reliable glare control. Thanks to this basic principle, the user can control transparency, the incidence of light and the level of glare control as flexibly as with a venetian blind.

Those who prefer a little more ease can combine this product with a Warema control such as the Warema Mobile System (WMS) to save specific comfort positions or opening factors. They are then simply called up at the touch of a button. As operation of the curtain is self-



explanatory and it moves only between its end positions, there is no risk of incorrect operation.

Ideal for computer workstations

The cassette roller blind Stretch is suitable for a wide range of applications, but has particular potential in the commercial building sector. In the workplace, daylight increases both well-being and performance. On the other hand, solar radiation can quickly heat up a room and irritate the eyes. This new roller blind by Warema ensures glare-free working at a screen without having to miss out on natural light or a visual connection to outside. This means it complies fully with the requirements of the Workplace Ordinance, which calls for product solutions that combine a view out with glare control.

Nor should the energy efficiency of the sun shading system be underestimated. Easy control of the chosen level of transparency offers a high potential for energy savings, and thus for cost savings, thanks to the glare-free use of daylight. And in winter, heat radiation from the sun combined with glare control can reduce heating costs. In addition to its functionality, the roller blind scores points in particular for the natural, modern look of the curtain. This also helps to create a comfortable atmosphere with a high comfort factor in the private sphere.

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