

BAU 2017: TRADE FAIR PREMIERE FOR NEW PRODUCTS

MULTIFILM® presents newly developed products

(Limbach-Oberfrohna) At the BAU 2017 trade fair MULTIFILM® shows two novel roller blind types, especially for the shading of large-surfaced glazing. (hall C2, booth 438)

Roller blind system with 10 metres drop

For shading of glass roofs, curved roof constructions or light bands MULTIFILM® uses opposite pull blinds with a 24V motor. But their length was limited to less than 4 metres. Thus a division of larger glazing into separate segments was necessary.

Now MULTIFILM® has developed a roller blind, which allows firstly a drop up to 10 metres. A novel drive technology enables this. It is a tube-in-tube system, consisting of an inner tube with a powerful 230V drive and an outer tube with the film hanging. The tubes are pivoted and connected with a pre-loaded spring. The pre-loaded spring avoids too strong traction and mechanical load in case of longer drops.

Furthermore the blind needs only one head box – a big advantage in regards to a pleasing appearance and easy assembly.

Small head box, big effect

Also the second product development provides a plus in size for MULTIFILM® products. With its up to 3 x 8 m large Film-Façade-Systems MULTIFILM® offers the optimum product for heat and glare protection of large surfaced glazing. But also increasingly growing office windows demand for an efficient and at the same time aesthetically pleasing shading which should especially appear unobtrusive at the window.

Therefor MULTIFILM® offers its customers a new head box which enables blind sizes up to 2,700 x 6,000 mm. It closes the “size gap” between classical roller blind and Façade-System. Despite this large capacity the head box is only 75 x 75 mm und thus it appears pleasantly discreet at the window of an office or conference room.

Specimen copy requested to:

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Especially for this product a new bottom rail was developed. Due to an improved intake of the hanging it provides an ideal film appearance. The “small Façade-System” is available with manual chain drive and electrical 230V drive.

MULTIDECOR Screen⁺ roller blinds colour the office

Since the launch of MULTIDECOR Screen⁺ the MULTIFILM® heat and glare protection systems offer beside their excellent effectiveness also decorative chic. With the help of the innovative method films can be printed with appealing designs and colours without losing their transparency or heat protection properties.

At BAU 2017 Munich MULTIFILM® presents a choice of the current collection. In whole the range includes more than 30 decors ranging from modern to classic; from subtle to colourful. So, roller blinds are the eye-catching element that makes any office space alluring. They also are applied at hotels or at private sector. Furthermore blinds with MULTIDECOR Screen⁺ printing are best suitable as advertising panel, because company logos, slogans or photographs can be printed on the roller blinds.

Heat protection effect perceptible live at the stand

MULTIFILM® presents at its fair stand the complete range of effective sun protection with film roller blinds. “Core piece” of the roller blinds is a transparent, highly reflective polyester film with triple effect: it protects reliably against heat and glare and preserves the free view to the outside. The aluminium coating on the film’s exterior surface reflects the solar radiation back to outside before it can turn into heat inside the room. In this way, up to 88%¹⁾ of the incidental solar radiation is warded off from the room and the cooling energy requirement decreases. Due to their insulating properties the roller blinds also have a positive effect on the U-value of the window and thereby on the heating energy consumption. By using film roller blinds 37%²⁾ energy savings on heating and cooling can be achieved.

The visitors can feel the heat and glare protection effect of the film roller blinds live at the fair stand. Powerful spotlights simulate heat and glare and their reduction by the film roller blinds is noticeable directly.

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About MULTIFILM®

For more than 20 years MULTIFILM® has been producing highly efficient film roller blinds, Façade-Systems and vertical blinds made from a transparent highly reflective polyester film. The medium-sized enterprise delivers its innovative heat and glare protection systems to a continually increasing international clientele. It has been developed to a leading supplier in film roller blind business. MULTIFILM® is certified according to ISO 9001: 2008 and 14001: 2004 (October 2016).

- ¹⁾ Film SiAt012 with sun protection glazing sunbelt polaris 65/34 according to the certification by the Technical University Berlin
- ²⁾ Computations done with software application Parasol, V 6.6, University Lund/Sweden

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Photo 1: New roller blind system allows firstly a drop up to 10 metres



Photo 2: The small Façade-System appears pleasantly discreet on large office windows



Photo 3: Decorative chic for windows: printed MULTIFILM® film roller blinds

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