

References worldwide



ZVE, Stuttgart



Bayernwerk, Regensburg



European Court of Justice, Luxembourg



Asian Infrastruct. Invest. Bank, Beijing



MID, Nuremberg



Research center, Gießen



Airport Tower London Heathrow



Residential buildings, Vienna



Patent office, Munich



Giesecke & Devrient, Munich

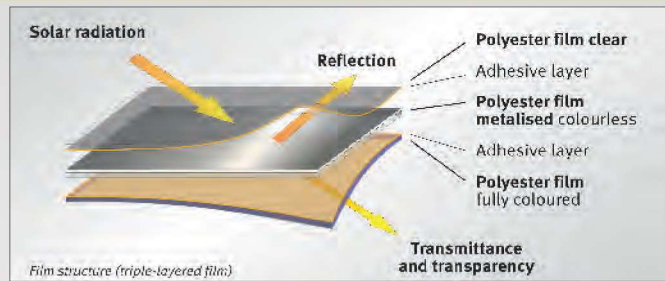


Airport Zurich



Deltares, Netherlands

Technology



Functional transparent polyester film



High quality surface embossing process



MULTIWAVE® pleating for high surface stability



MULTIDECOR-Screen+ sublimation print

Building automation | Facility management



Integration in building services, Smart Building solutions



Various control options, radio remote control



Designed for public areas, sturdy, durable



Integration in facade planning or retrofitting

Products



Compact-Line



Classic-Line



Lux-Line



Panel blind systems



Roller blinds for skylights



Solutions for special shapes

Integrated system solutions



XXL roller blinds



Opposite pull blinds



Integration in the facade



Welding of film



Solutions for roof windows



Ceiling resp. floor integration

Sun and glare protection *without drawbacks*



MULTIFILM®
SONNEN- UND BLENDSCHUTZ



MULTIFILM® stands for high quality interior sun protection, for most pleasant room climate and good light and visibility conditions.

Technology

- Made-to-measure blinds on customer requirements
- Large-format façade systems
- Opposite pull blinds

Material

- Transparent, reflective polyester films
- Technical textiles
- Printed films for outdoor advertising, interior decoration

Features

- Effective protection against solar heat
- Optimal glare protection
- Free view to the outside

High **quality** made in Germany.

Consulting, measurement and assembly in one hand.

- individual product customization and special solutions
- energy consulting
- project Support



Interior film blinds

- Optimal glare protection
- Transparency, daylight use
- Effective sun protection



Ergonomic and economical

- Energy saving
- Robust, durable, maintenance-free
- Workplace optimization

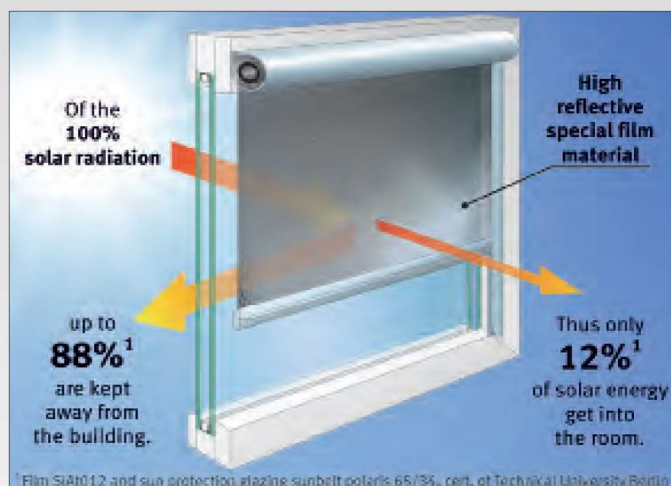


Creativity on measure

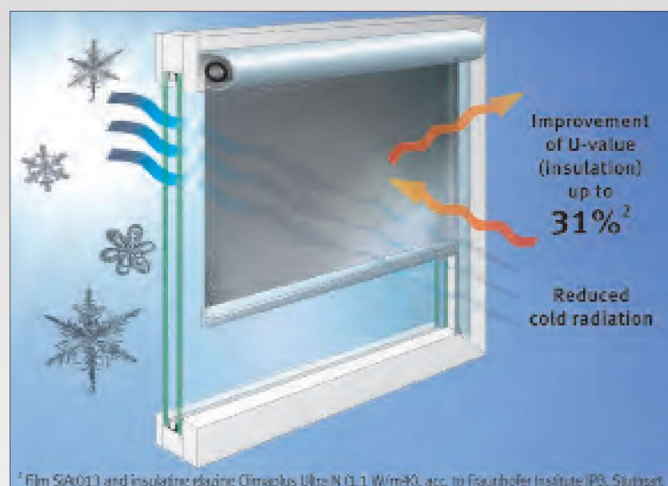
- Wide modular system
- Easy retrofitting
- Facade integration

MULTIFILM Sonnen- und Blendschutz GmbH · 09212 Limbach-Oberfrohna · Tel. +49 3722 7705-0 · www.multifilm.de

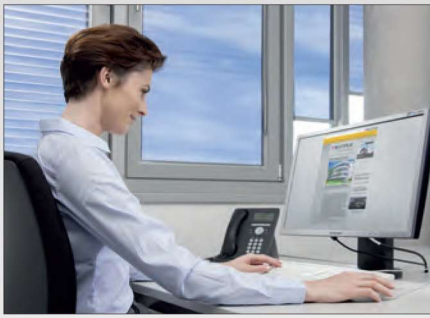
How film roller blinds work



- Film dampens daylight like sunglasses
- Reliable glare protection
- Avoids high luminance differences
- Clear, distortion-free view to the outside



- Reflection of sunrays by aluminum coating directly back to outside
- Effective heat protection and energy saving
- Pleasant room climate



Ergonomics

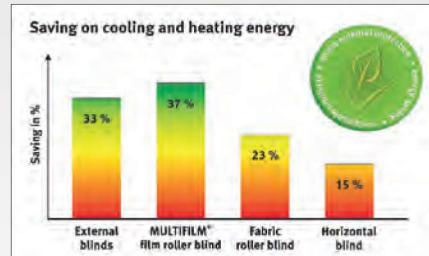
- Optimal glare protection
- Good light and visibility conditions
- Pleasant room climate

Facility management

- Easy to retrofit
- Robust durable design

Energy saving

- Effective heat protection in summer
- Better insulation in winter



Improvement of energy efficiency

energy expenditure

Without film roller blind

Heating: C
Cooling: C

With film roller blind

Heating: B
Cooling: A

MULTIFILM film roller blind with film SiAt012, triple layered sun protection and thermal insulation glass, energy label of IFT Rosenheim

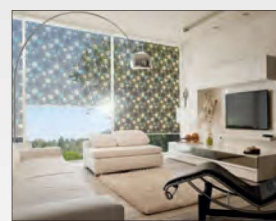
Stylish with technical textiles



Technical Textiles

- Functional textiles, such as Trevira CS
- Opaque to semi-transparent
- Different colors and light transmissions
- Fire protection class: B1 (hardly inflammable)
- High lightfastness (class 5-6)
- Aluminum, nacre coatings
- Pollutant tested according to Oeko-Tex Standard 100
- Partly sound-absorbing and antibacterial

Sun protection combined with advertising or as design element



MULTIDECOR Screen+

- Sublimation
- High lightfast
- 100% abrasion resistant

Outdoor advertising

- Logos
- Claims & slogans
- Individual printing

Residential design

- Decor selection or according to template
- Photos and logos
- Wide color range