



evguard[®]

national technical
approval (AbZ) by

Deutsches
Institut
für
Bautechnik

DIBt

**The EVA laminating film
for safety, security & decorative glass
“Made in Germany”**

Dimensions		
Film width	up to 2,250 mm (88.58 ins)	customized
Film thickness	≥ 0.200 mm (0.008 ins)	dimensions
	≤ 1.140 mm (0.045 ins)	possible
Film color	transparent	
	milky-white	

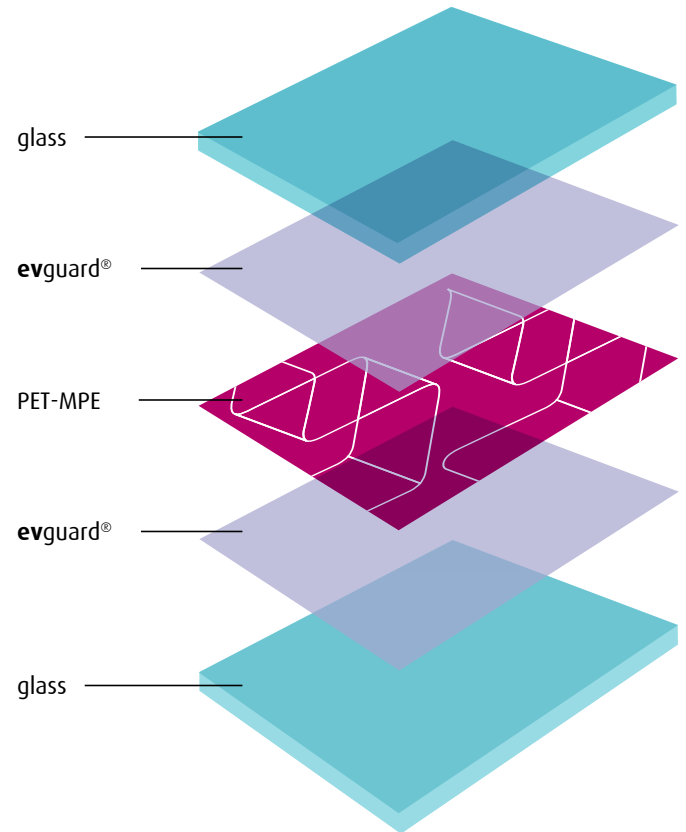
Stability		
Ball drop test ¹	DIN 52338	44.2
Pendulum test ¹	DIN EN 12600	44.1
Resistance against heat, humidity and UV radiation ¹	DIN EN ISO 12543-4	
Noise protection ¹	DIN EN ISO 10140-2	
DIBt – Deutsches Institut für Bautechnik	AbZ (national technical approval)	<i>approved</i>
American National Standards Institute ¹	ANSI Z97.1	<i>approved</i>

Processing	
Minimum temperature	105 °C (220 F)
Maximum temperature	160 °C (320 F)
Production process	pre-lam nip roll/autoclave (PVB lines) vacuum lamination

Storage recommendation	
Temperature	< 30 °C (85 F)
Humidity	ca. 50 %
Shelf life	use by 12 months after date of production

Opened rolls have to be protected against direct sunlight and dust.

Glass-film-laminate



For the lamination process we have developed an optimized PET film (PET-MPE), which withstands high thermal loads. The film can be incorporated into the laminate as a colored or printed interlayer to ensure the desired design. Due to its improved impact resistance, the PET film also increases the stability of the laminated glass.

¹ not certified for evguard® milky-white



Folienwerk Wolfen GmbH

With the **evguard®** series, we have created an innovative product with diverse design and processing options in façade engineering and glass design. For more than 25 years, we have manufactured and supplied high quality plastic films on PET, PC and PLA basis. This portfolio is completed by films from ethylene vinyl acetate (EVA). The company was founded by employees of the traditional Filmfabrik ORWO, and currently employs about 160 people generating an annual turnover of approx. 40 million euros. Folienwerk Wolfen is also internationally known for the target-group-specific production of films for blister packages and smart cards as well as for films for medical devices. From our location in Bitterfeld-Wolfen, near Leipzig, we deliver to customers in more than 60 countries, including Russia, the USA and Middle East. The share of the international sales is around 70 percent.



Folienwerk Wolfen GmbH
Guardianstraße 4
06766 Bitterfeld-Wolfen
Germany

T +49 (0)3494 6979 0
F +49 (0)3494 6979 37
info@folienwerk-wolfen.de
www.folienwerk-wolfen.de

Disclaimer

Our information about our products and processes is based on extensive research and our considerable experience in the field of applied engineering. We provide this information, which to the best of our knowledge is correct, orally and in writing. In doing so, we do not assume any liability other than the liability agreed upon in the respective individual contract, and we reserve the right to make technical modifications in the course of our product development. However, this shall not release user from its obligation to verify the suitability of our products and processes for its own use.

Purchaser's specifications of intended use shall only be binding, if we, at the time of contract conclusion, have confirmed in writing that the delivered goods are suitable for the use intended by Purchaser. This shall also apply to the protection of third party industrial property rights and to applications and processes.