



# PLEOLIT LE75

## PERFORMANCE DATA

<b>UV-range</b> (280 – 380 nm)	>99%	
<b>Visible range</b> (380 – 780 nm) Visible Light Transmission (VLT) Reflection film side	74% 9%	
<b>Solar range</b> (300 – 2.500 nm) Energetic Transmission Energetic Reflection Absorption Total Solar Energy Rejected (TSER) Solar Factor (g)	51% 24% 25% 50% 0,50	
<b>Emissivity</b> (5.000 – 50.000 nm)	0,05	

### Manufacturer's warranty

10 year warranty against peeling, cracking and demetallization

### Film properties

Thickness: 50 µm / Material: UV-stabilized clear PET  
Top coating: scratch-resistant / Adhesive: PS  
Installation: Inside

**Rolls** 30,5 m x 1,52 m  
30,5 m x 1,82 m

Tested on single glazing (4mm) according to European standard NBN EN 410 and 12900. The technical results are subject to variations within industry standards. These test data only contain results that were obtained after the use of specific test procedures and standards. Extrapolation of the data of the sample or samples relating to the batch or lot from which data were obtained may not correlate and should be interpreted with caution. Umisol is not responsible for differences in quality, composition, appearance, performance, or other feature of a similar product produced by persons or under conditions over which Umisol has no control.  
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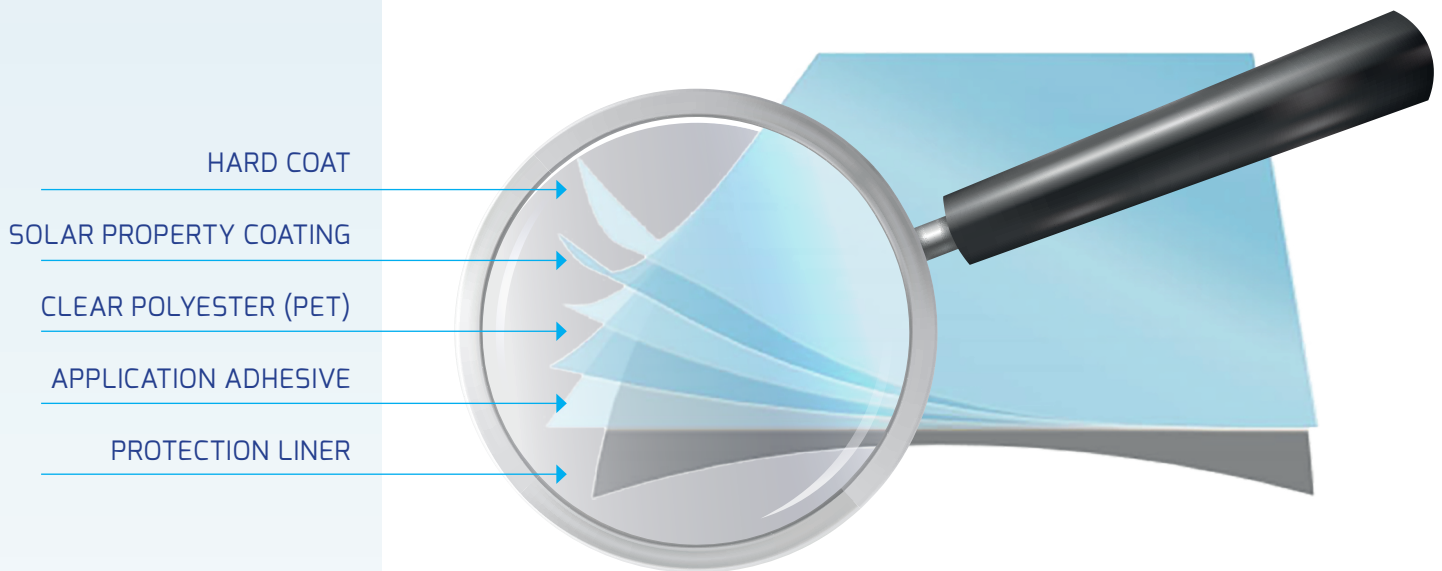
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## Patented Umisol® Technology

Sputtering is an innovative technology to deposit layers of precious metals onto a clear polyester film.

The Umisol® high-end films have up to 15 layers of precious metals. We sputter on nano scale, which is between 1 and 100 nm (100 nm = 1/10,000 mm)



## Passive cooling

Umisol® window films are **spectral selective IR-films** and act selectively upon certain wavelengths of the solar spectrum.

- UVA and UVB : 99,8% reflection
- Maximum Light Transmission
- IR: >93% reflection

European certification (EN410 & EN673)