

PLEOLIT ARGENTUM OS

PERFORMANCE DATA

OS 20 40

UV-range (280 – 380 nm)

>99% >99%

Visible range (380 – 780 nm)
Visible Light Transmission (VLT)

18% 38%

Solar range (300 – 2.500 nm)
Energetic Transmission
Energetic Reflection
Absorption
Total Solar Energy Rejected (TSER)
Solar Factor (g)

14% 30%
62% 42%
24% 28%
81% 62%
0,19 0,38

Manufacturer's warranty (EU, NO & CH)

10 years warranty on vertical standard exterior applications.
5 years warranty on horizontal or sloped exterior applications,
provided that the films have fully sealed edges.

Film properties

Thickness: 62,5 µm / Material: UV-stabilized clear PET
Top coating: Co-extruded, UV-stable top coat
Adhesive: PS
Installation: Outside

Rolls 30,5 m x 1,52 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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MADE IN BELGIUM 

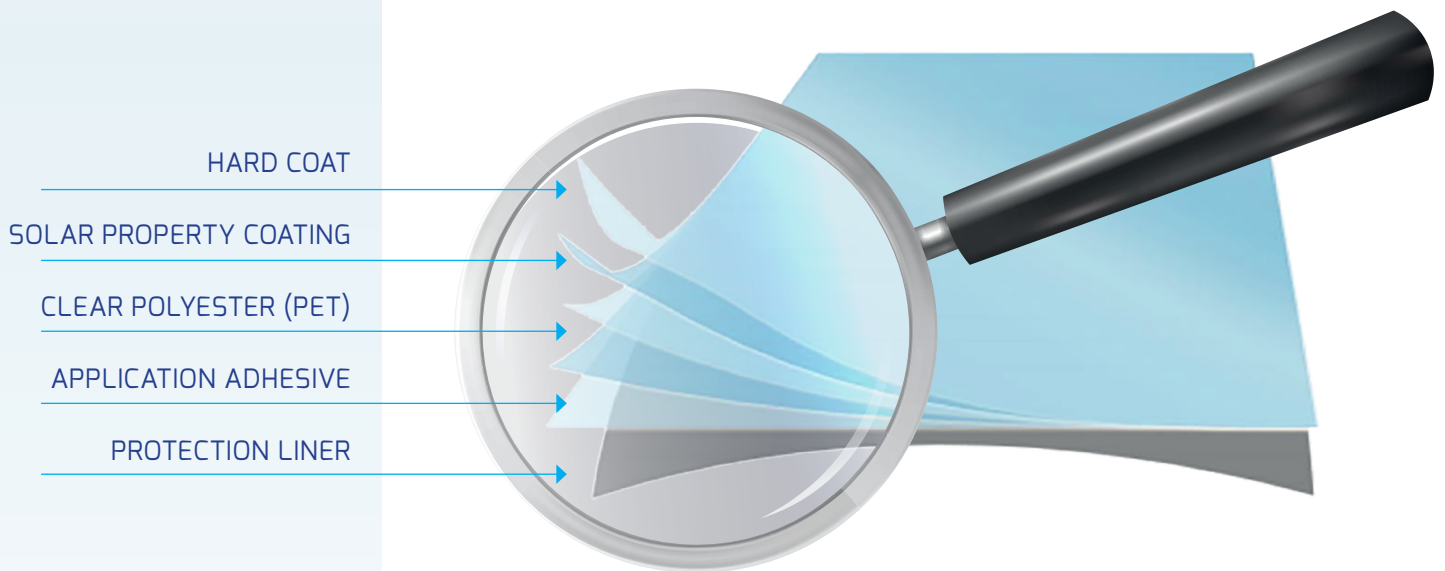




Patented Umisol® Technology

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)