



UMISCREEN®

FILTERING THE SUN

SOLAR PROTECTION WINDOW FILMS

Pleolit® Argentum OS

EXTERIOR SILVER WINDOW FILMS

PRODUCT DESCRIPTION

Pleolit® Argentum OS sputtered window films are advanced exterior silver films with a top co-extrusion layer for extreme UV conditions, increased durability and life-time, and 10-year warranty on vertical glazing. Our silver films combine an excellent transparency with superior weatherability and UV-protection, and help to resolve issues of excessive heat and glare. Pleolit® Argentum OS is available in 20% and 40% VLT.



KEY FEATURES

- Enhanced durability
- Excellent transparency
- Visible Light Transmission: 20% and 40%
- Total solar energy rejected: 77% (OS20), 55% (OS40)
- 10 years limited warranty

PERFORMANCE DATA ARGENTUM OS

Film type 4 mm glazing

Visible range (380 – 780 nm) – III D65/obs 2°			OS 20	OS 40
			Transmission	τ_V
Reflection film side	ρ_V	59 %	31 %	
Absorption	α_V	21 %	29 %	
Solar range (300 – 2500 nm)				
Transmission	τ_e	18 %	36 %	
Reflection film side	ρ_e	58 %	33 %	
Absorption	α_e	24 %	31 %	
Total solar energy reflection	TSER	77 %	55 %	
Solar factor	g	0.23	0.45	
Adhesive	PS			

All data reported have been measured, calculated and reported in accordance with European Standard EN410 and EN673, by Interuniversity INISMA Belgium. 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. Group M.A.M. 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 Group M.A.M. has no control.



FILM PROPERTIES

Thickness: 50 μm

Material: UV-stabilized clear PET

Top coating: Co-extruded, UV-stable top coat

Adhesive: PS

Installation: Outside

Warranty (EU, NO and CH): 10 years warranty (on vertical standard exterior applications) and 5 years warranty (on horizontal or sloped exterior applications), provided that the films have fully sealed edges.



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Poldergotestraat 24, B-9240 Zele Belgium
T: +32 52 44 40 52 • info@umiscreen.com
www.umiscreen.com

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