



# umiscreen®

FILTERING THE SUN

SOLAR PROTECTION WINDOW FILMS

## Pleolit® SP80

**SPECTRAL SELECTIVE WINDOW FILM**

### PRODUCT DESCRIPTION

Pleolit® SP80 spectral selective window films combine the highest visible light transmission with low light reflection and high solar heat rejection, and are the perfect solar protection solution for any building where a neutral appearance is required like historical buildings and shop windows. Their low absorption rates allow inside installation on most complex glazing structures, such as double, low-e and laminated glazing.



### KEY FEATURES

- Visible light transmission: 80%
- Total solar energy rejected: 43%
- Low absorption (19%)
- Neutral appearance
- Affordable

## PERFORMANCE DATA **PLEOLIT® SP80**

		Film on glass 4 mm
<b>Visible range (380 – 780 nm)</b>		
Transmission		80 %
Reflection film side		7 %
<b>Solar range (300 – 2.500 nm)</b>		
Transmission		54 %
Reflection film side		27 %
Absorption		19 %
Total solar energy rejection	TSER	43 %
Solar factor	g	0,57
<b>UV-range (280 - 380 nm) Rejection</b>		> 99%

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:** 75 µm

**Material:** UV-stabilized clear PET

**Top coating:** scratch-resistant

**Adhesive:** PS

**Installation:** Inside

**Warranty:** 10 years against peeling, cracking and demetallization caused by a manufacturing defect



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