



ENERGY VISION AC ProFilm DataSheet

APPLICATION: Energy saving window film for interior application

PRODUCT:

- A PET based window film.
- Consists of 5 metalised layers through sputtering technology.
- Includes a scratch resistant coating.

DIMENSIONS (window film roll size): 30.5m x 1.82m or 30.5m x 1.52m

TECHNICAL PERFORMANCE:

OVERALL EFFICIENCY		
	Light transparency	+/- 70%
	Temperature blocking	Up to 10 – 12°C
ULTRAVIOLET RADIATION (280 – 380nm)		
	UV transmitted	0.05%
VISIBLE LIGHT RADIATION (380 – 780nm)		
	Visible light transmitted	66.8%
	Visible light reflected (exterior)	23.7%
	Visible light reflected (interior)	25.1%
	Color rendering index	94.0%
SOLAR RADIATION (300 – 2,500nm)		
	Total solar energy transmitted	47.4%
	Total solar energy reflected	36.8%
	Total solar energy absorbed	15.8%
	Solar heat gain coefficient	0.526
	Shading coefficient	0.604

MANUFACTURER’S WARRANTY: 10 years against peeling, cracking and demetalisation.

EXPECTED LIFETIME: 25 years.

STANDARD: Tested on single pane glazing according to European standard NBN EN410.

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.