

EXTERIOR

SOLAR CONTROL · ARCHITECTURAL FILM

VISTA 90 XC

One-Way Mirror Solar Control Film — Exterior Application, One Way Mirror From Outside

Vista 90 XC films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow some natural light transmission. This film provides effective protection against solar glare, whilst its one-way mirror aspect further guarantees privacy from prying eyes. Its modern design immediately lends a contemporary feel to any building exterior.

- Rejects 82% of total solar energy for effective heat control
- Retains 10% visible light transmission
- Engineered and certified for professional exterior installation
- 99% UV rejection helps protect interiors and furnishings from fading
- One-way mirror finish delivers daytime privacy with a modern look

Key Strengths



99%

UV Rejection



10%

Visible Light
Transmission



82%

Total Solar Energy
Rejected



89%

Glare Reduction



58%

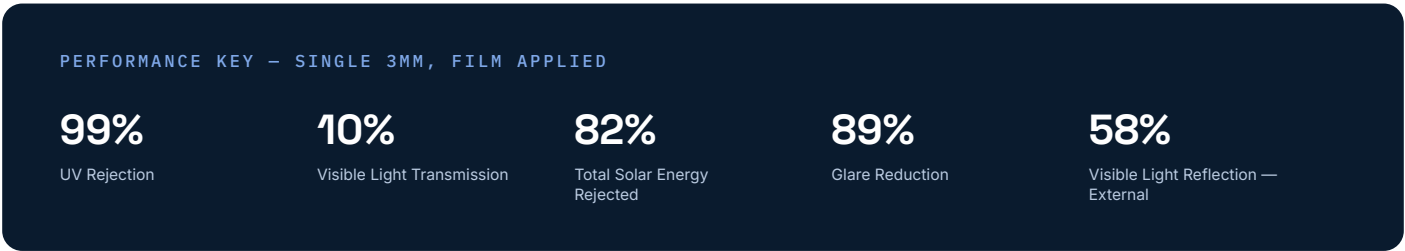
Visible Light Reflection
— External

Why Choose VISTA 90 XC?

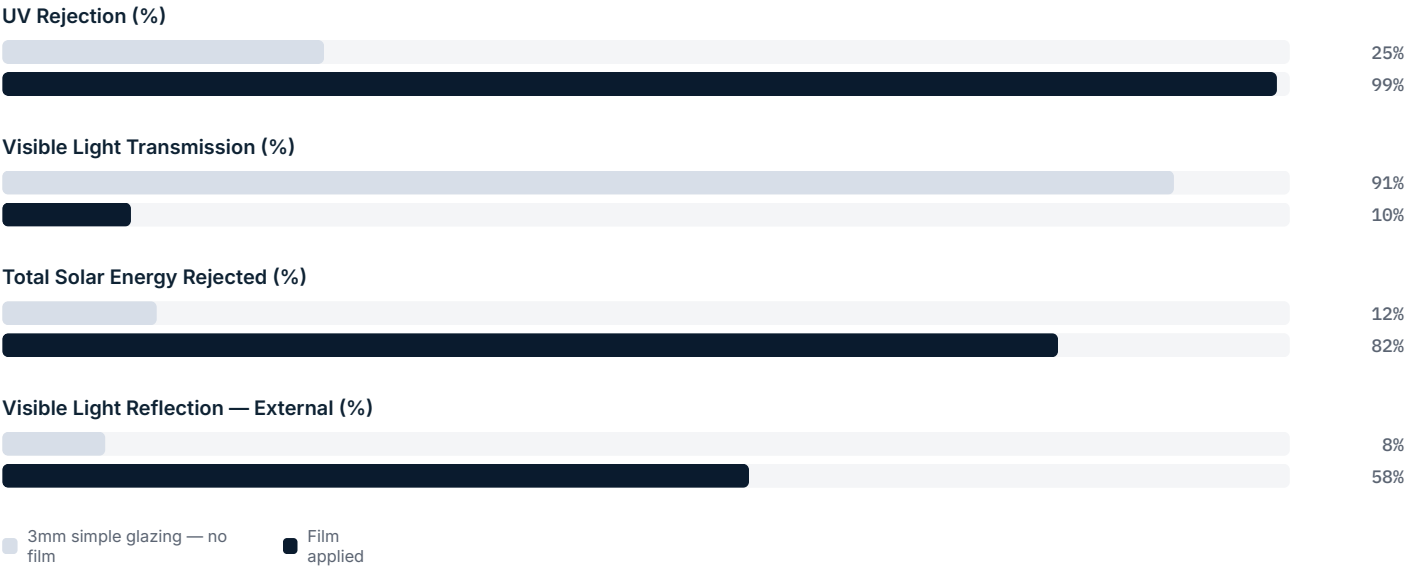
A one-way mirror film that cuts solar heat gain and glare while delivering daytime privacy.

ADVANTAGES

- Rejects 82% of total solar energy
- 99% UV protection
- 10% visible light transmission retained
- 89% glare reduction, improved visual comfort
- One-way mirror privacy, modern facade
- Professional exterior installation



PERFORMANCE CHARTS — NO FILM VS. FILM APPLIED



CHARACTERISTICS



Warranty
3 years



Fire Resistance Rating
M1



Storage (recommended conditions)
3 years



REACH / RoHS
Compliant



Widths Available
152 cm



Installation Type
Exterior



Color From the Outside
Silver



Length
30.5 m



Product Carbon Footprint (LCA)
1.49 kgCO₂e/m²

CONSTRUCTION – PET, 60 µm

1. Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
2. High optical quality polyester, with an IR-blocking metallic particle coating
3. Bonding adhesive
4. High optical quality dyed polyester
5. PS adhesive, polymerizes with glass within 15 days
6. Protection PET release liner, disposable after installation

ENERGY & ENVIRONMENTAL BENEFITS



Energy Savings
116.4 kWh/m²/yr



Carbon Footprint Reduction
36.8 kgCO₂/m²



Financial Savings
27 €/m²/yr

OPTICAL & SOLAR PROPERTIES

PANE TYPE	SINGLE 3MM		DOUBLE LOW-E	
	NO FILM	WITH FILM	NO FILM	WITH FILM
UV Rejection (%)	25	99	40	99
Visible Light Transmission (%)	91	10	82	7
Visible Light Reflection — External (%)	8	58	11	58
Visible Light Reflection — Internal (%)	8	14	12	17
Solar Energy Reflection (%)	5	58	28	59
Solar Energy Absorption (%)	8	32	12	34
Solar Energy Transmission (%)	87	10	60	7
Total Solar Energy Rejected (%)	12	82	35	90
Infrared Rejection, 780–2500 nm (%)	16	90	16	92
Glare Reduction (%)	—	89	—	91
Shading Coefficient	—	0.2	—	0.11
g-value	0.88	0.18	0.65	0.1
U-value (W/m²·°C)	5.8	5.8	1.1	1.1

Values based on a study conducted on an air-conditioned building located in Luxembourg, film applied on a low-E double glazing facing East. Heating months are October to March, cooling months April to September, using an electric heat pump (efficiency 3.5) and electric cooling (efficiency 3). Data is not contractual — FNX | EVO reserves the right to modify product composition at any time; refer to our warranties and general sales conditions.

GLAZING RECOMMENDATIONS

Vertical situation, standard glazed surface up to 2.5 m².

Clear Single Pane	✓ Yes
Tinted Single Pane	✓ Yes
Reflective Tinted Single Pane	✓ Yes
Clear Double Pane	✓ Yes
Tinted Double Pane	✓ Yes
Reflective Tinted Double Pane	✓ Yes
Gas-Filled Double Pane - Low E	✓ Yes
Stadip Ext. Clear Double Pane	✓ Yes
Stadip Int. Clear Double Pane	✓ Yes

✓ Yes ! Caution × Not recommended

Advice based on glazed surface area up to 2.5 m² — contact us for confirmation or a thermal shock analysis on larger or atypical glazing.

INSTALLATION & MAINTENANCE

Use Slide On (600-FO2) or Film On (600-F0355) diluted at 2 cL/L of water for installation and cleaning. Do not clean for one month after installation or apply stickers/adhesives on the film.



Learn more about FNX and our product catalog.