

INTERIOR

PROTECTIVE & SECURITY FILM

# CLEAR 8 C (NEW)

Security - Protection — Interior Application, Transparent From Outside

Clear 8 C films help secure your windows by ensuring that the glass does not shatter, remaining transparent and retaining its overall integrity in the event of an impact, explosion or fire. Comply with European Standard EN 12600.

- Rejects 20% of total solar energy for effective heat control
- Retains 83% visible light transmission
- Engineered and certified for professional interior installation
- 95% UV rejection helps protect interiors and furnishings from fading
- Transparent finish keeps the glazing's original clarity intact

## Key Strengths



**95%**

UV Rejection



**83%**

Visible Light  
Transmission



**20%**

Total Solar Energy  
Rejected



**15%**

Glare Reduction



**10%**

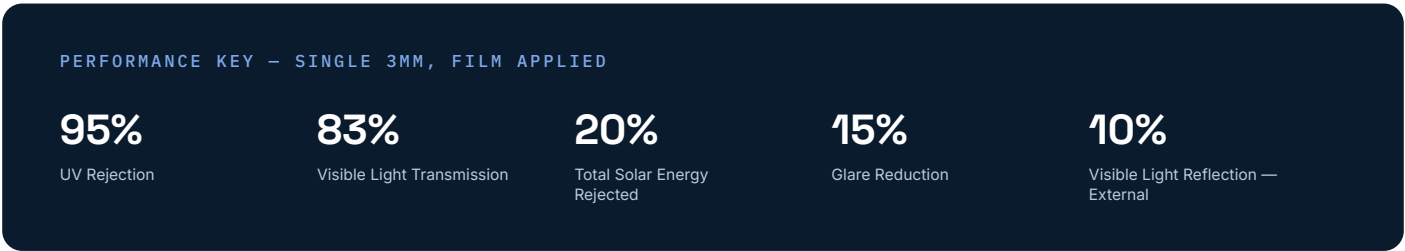
Visible Light Reflection  
— External

# Why Choose CLEAR 8 C (NEW)?

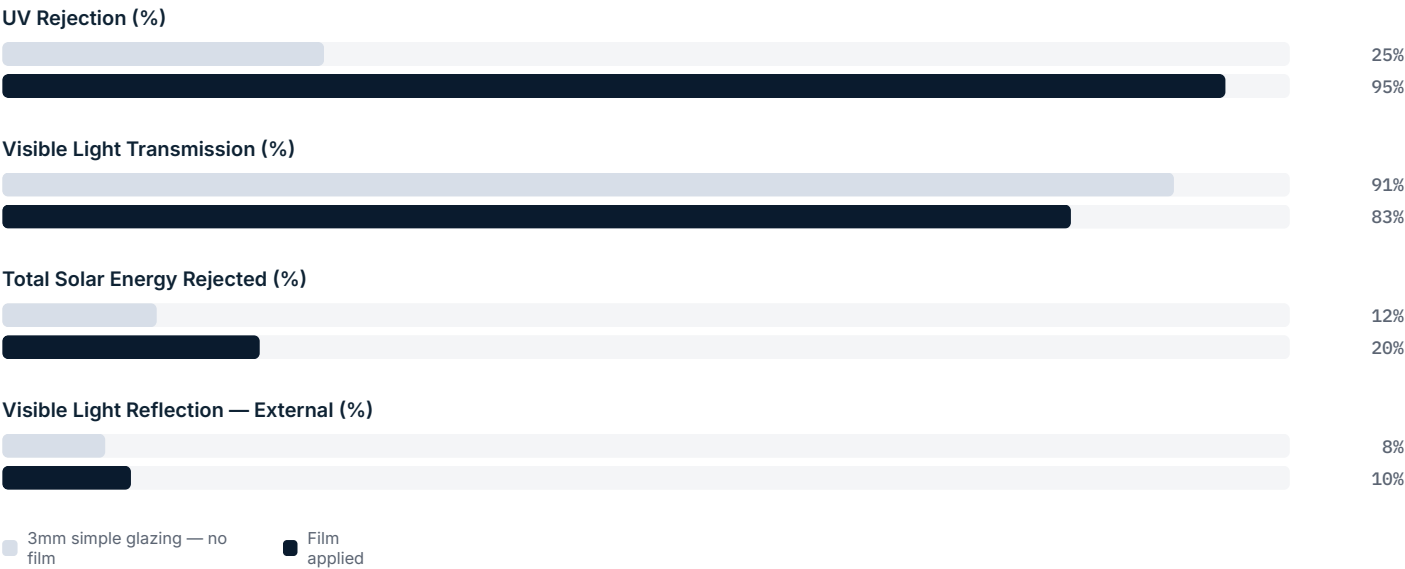
Security - Protection — engineered for professional interior application.

ADVANTAGES

- Rejects 20% of total solar energy
- 95% UV protection
- 83% visible light transmission retained
- 15% glare reduction, improved visual comfort
- Transparent appearance preserves the facade
- Professional interior installation



PERFORMANCE CHARTS — NO FILM VS. FILM APPLIED



CHARACTERISTICS



**Warranty**  
10 years



**Storage (recommended conditions)**  
3 years



**EN 12600**  
1B1



**Widths Available**  
122 cm, 152 cm, 183 cm



**Color From the Outside**  
Transparent



**Product Carbon Footprint (LCA)**  
2.55 kgCO2e/m<sup>2</sup>



**Fire Resistance Rating**  
M1



**REACH / RoHS**  
Compliant



**EN 356**  
P1A



**Installation Type**  
Interior



**Length**  
30.5 m

CONSTRUCTION – PET, 240 µm

1. Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
2. High optical quality polyester
3. Bonding adhesive
4. High optical quality polyester
5. Reinforced PS adhesive to accompany the elasticity of the film in case of impact, polymerizes with glass within 30 days
6. Protection PET release liner, disposable after installation

MECHANICAL PROPERTIES



**Tensile Force at Break**  
40 kg/cm



**Elongation at Break**  
160%

OPTICAL & SOLAR PROPERTIES

| PANE TYPE                               | SINGLE 3MM |           | DOUBLE LOW-E |           |
|-----------------------------------------|------------|-----------|--------------|-----------|
|                                         | NO FILM    | WITH FILM | NO FILM      | WITH FILM |
| UV Rejection (%)                        | 25         | 95        | 40           | 99        |
| Visible Light Transmission (%)          | 91         | 83        | 82           | 75        |
| Visible Light Reflection — External (%) | 8          | 10        | 11           | 15        |
| Visible Light Reflection — Internal (%) | 8          | 10        | 12           | 15        |
| Solar Energy Reflection (%)             | 5          | 10        | 28           | 24        |
| Solar Energy Absorption (%)             | 8          | 14        | 12           | 26        |
| Solar Energy Transmission (%)           | 87         | 76        | 60           | 50        |
| Total Solar Energy Rejected (%)         | 12         | 20        | 35           | 35        |
| Infrared Rejection, 780–2500 nm (%)     | —          | —         | —            | —         |
| Glare Reduction (%)                     | —          | 15        | —            | 9         |
| Shading Coefficient                     | —          | 0.90      | —            | 1.0       |
| g-value                                 | 0.88       | 0.82      | 0.65         | 0.65      |
| U-value (W/m²·°C)                       | 5.8        | 5.7       | 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 m<sup>2</sup>.

|                                |       |
|--------------------------------|-------|
| 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 m<sup>2</sup> — contact us for confirmation or a thermal shock analysis on larger or atypical glazing.

## INSTALLATION & MAINTENANCE

Safety film with reinforced PS adhesive, requiring a suitable application solution : Slide On (600-F02) or Film On (600-F0355) diluted at 2 cL/L of water, and a suitable safety squeegee (150-054 / 150-055 / 150-056). Do not clean for at least one month or apply stickers/adhesives to the film. Download the installation and maintenance advice



Learn more about FNX and our product catalog.



THERMAL COMFORT



UV PROTECTION



GLARE REDUCTION



ENERGY PERFORMANCE



SUPERIOR AESTHETICS



PROFESSIONAL INSTALL