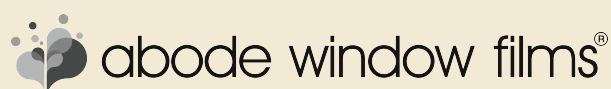


Exterior

Interior



AMBER UV FILM

UV CONTROL

Description

Amber UV Window Film is a spectrally selective architectural film designed to provide exceptional protection against ultraviolet and short-wavelength visible light. The film blocks wavelengths up to 500 nanometres (nm), extending protection beyond the UV range and into the lower visible light spectrum.

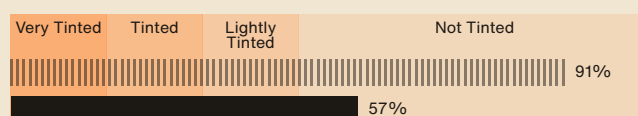
Its high-performance filtration makes it particularly suitable for sensitive environments such as cleanrooms, hospital operating theatres, laboratories, and manufacturing facilities, where stringent control of UV and blue light exposure is required. The film can also help reduce exposure to wavelengths that may be harmful to individuals with photosensitive conditions.

With a visible light transmission of 56% and over 99% UV rejection, Amber UV Window Film delivers outstanding protection while maintaining good levels of natural light and visibility.

Certified



Visible Light Transmission (%)



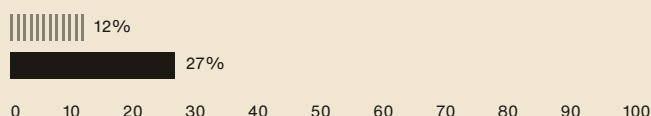
Visible Light Reflection - External (%)



UV Rejection (%)



Total Solar Energy Rejected (%)



||| 3 mm simple glazing - without film ■ Film applied to 3 mm simple glazing

Characteristics

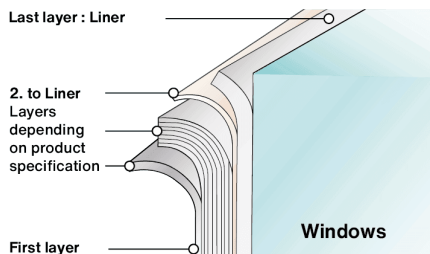
-  **Warranty**
5 years
-  **Fire Resistance Rating**
M1
-  **Storage in recommended conditions**
3 years
-  **REACH / RoHS**
Compliant
-  **Installation Type**
Interior
-  **Color From the Outside**
Orange
-  **Length**
30.5 m
-  **Product Carbon Footprint (LCA)**
1.56 kgCO₂e/m²

Construction

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

-  **Composition**
PET
-  **Thickness**
30 µm

Details



Energy and environmental benefits⁰¹

-  **Energy savings**
N/A
-  **Carbon footprint reduction**
N/A
-  **Financial savings**
N/A

Optical and 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	57	82	51
Visible Light Reflection - External (%)	8	7	11	12
Visible Light Reflection - Internal (%)	8	7	12	12
Solar Energy Reflection (%)	5	9	28	24
Solar Energy Absorption (%)	8	24	12	32
Solar Energy Transmission (%)	87	67	60	44
Total Solar Energy Rejected (%)	12	27	35	33
Glare Reduction (%)	-	37	-	32
Shading Coefficient	-	0.83	-	0.75
g-value	0.88	0.73	0.65	0.65
U-value (W/m ² .°C)	5.8	5.8	1.1	1.1

Application advice⁰²

Vertical situation and for a standard glazed surface

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

✓ Yes ✗ Not recommended ! Caution

Installation and Maintenance Advise

You can easily make your own installation fluid at home. Mix 1 liter of water with about 8 drops of baby shampoo or a mild, clear dish soap for installation and cleaning. Do not clean for one month after installation or apply stickers/adhesives on the film.



Access the installation and maintenance advice video

⁰¹ Values based on a study carried out on an air-conditioned building located in Luxembourg, with a film applied on a low-E double glazing, facing East. The heating months considered are from October to March, and the cooling months from April to September. We consider an electric heating system of the heat pump type, with a production efficiency of 3.5 and an electric cooling system with an efficiency of 3. For more information, visit our online tool.

⁰² Advice based on glazed surface area up to 2.5 m², please contact us for any confirmation or thermal shock analysis.

The data in this information sheet is not contractual, we reserves the right to modify the composition of its products at any time. Please refer to our warranties and general sales conditions.