purlfrost
window film

Blackout window film is designed to make your glass completely opaque and block 99% of visible light. Ideal for privacy, to hide valuable items from site, or to make a room darker and cooler.

PERFORMANCES

Ultraviolet Reduction (UV)	99 %
Visible Light Transmission	1 %
External Visible Light Reflection	88 %
Internal Visible Light Reflection	88 %
Total Solar energy Rejected	86 %
Solar Energy Reflection	67 %
Solar Energy Absorption	27 %
Solar Energy Transmission	6 %
Glare Reduction	100 %
Solar Heat Gain (G-Value)	0.13
U-Value (W/m^{2}K)	5.00
Shading Coefficient	0.10

COMPATIBILITY

Clear Single Pane	✓
Tinted Single Pane	X
Reflective Tinted Single Pane	✓
Clear Double Pane (non toughened)	X
Clear Double Pane (toughened glass)	✓
Clear Laminated Single Pane	X
Clear Laminated Double Pane	X
Tinted Double Pane (non toughened)	X
Tinted Double Pane (toughened glass)	✓
Low-E Double Pane	X
Gas Filled Double Pane	X
Triple Pane	X

APPLICATION

INTERNAL	✓
EXTERNAL	X

WARRANTY: 10 YEARS against

FIRE RESISTANCE RATING: M1 (non-flammable)

STORAGE

Store for up to 3 years in a dry place, between -5ºC and +40ºC

MAINTENANCE INSTRUCTIONS

For best cleaning results, do not clean the film for 30 days after installation. Do not use brushes, pure ammonia, industrial strength cleaners, or solutions that contain abrasive materials. Always use a soft clean cloth to wash and dry your windows. Avoid coarse paper towels. A rubber squeegee may also be used.
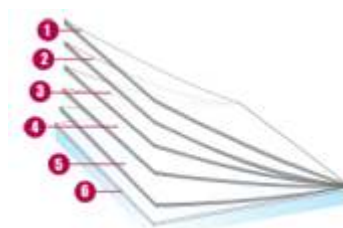
CONSTRUCTION

1. "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
2. Dyed polyester without optical distortion
3. Bonding adhesive
4. High optical quality polyester
5. PS adhesive, glass polymerization within 15 days
6. Protection release liner, disposable after installation

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