

# purlfrost

## window film

# NEU-50

## Light Neutral Tinted Film

Our Neutral range of tinted films are designed to ward off the sun's glare and heat, to keep your home, office or conservatory cooler and make it more comfortable on hot and sunny days.

As a rule, we recommend the darker films for south facing windows, where the sun is harsher. East facing windows will be exposed in the morning, when the sun is low, and west facing windows in the afternoon when the sun is high, but brighter.

For east and west facing, we recommend both the dark and the medium films, depending on how exposed your windows are to the sun.

North facing windows shouldn't be too affected by the sun.

### PERFORMANCES

Ultraviolet Reduction (UV)	99 %
Visible Light Transmission	49 %
External Visible Light Reflection	14 %
Internal Visible Light Reflection	12 %
Total Solar energy Rejected	42 %
Solar Energy Reflection	13 %
Solar Energy Absorption	43 %
Solar Energy Transmission	44 %
Glare Reduction	46 %
Solar Heat Gain (G-Value)	0.59
U-Value (W/m <sup>2</sup> K)	5.70
Shading Coefficient	0.60

### APPLICATION

INTERNAL	✓
EXTERNAL	✗

**WARRANTY: 7 YEARS** against

**FIRE RESISTANCE RATING: M1 (non-flammable)**

### STORAGE

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

### CONSTRUCTION

1. "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester, with anti IR metal particles deposit
3. Bonding adhesive
4. High optical quality polyester
5. PS adhesive, glass polymerization within 15 days
6. Protection release liner, disposable after installation

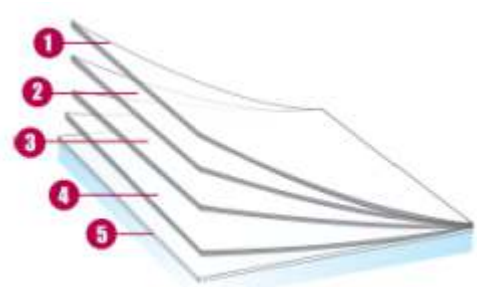


### COMPATIBILITY

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

### 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.



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Test results are produced from film applied to 3mm clear single glass. Performance data is subject to change without prior notice. Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. It is the users' responsibility to ensure the product is suitable for the intended use. The seller shall not be liable for any direct, indirect or consequential loss or damage howsoever arising.