



Auto & Architectural

NR Black 50%

Non-Reflective Premium 50% window tinting provides some privacy by blocking visibility from the outside while maintaining a sleek, light appearance. It reduces glare and UV rays, protecting interiors from fading and heat buildup. The non-reflective nature ensures a consistent look without dark reflections, offering both style and function for cars, homes, or offices. This film is signal friendly and made for internal use.

Technical Performance Data

Calculated on 3mm glass

Natural Light & Glare	
VLT (Visible Light Transmission)	52%
Visible Light Reflectance (internal)	9%
Glare Reduction	43%
Solar Energy	
Transmittance	56%
Reflectance	16%
Absorption	29%
TSER (Total Solar Energy Rejected)	37%
Thermal Energy	
Shading Coefficient	0.75
Solar Heat Gain Coefficient	0.67
U-Value - (W/m ² K)	5.8
R-Value - (m ² K/W)	0.17
Ultraviolet & Infrared	
UV Rejection	99%
IR Rejection	11%
Anti-Fade Rating (0 - 100)	64
Manufactured Specifications	
Thickness	50 µm
Structure	2 Ply
Composition	PET
Warranty	5 Years
Colour	Natural
Stock Code	REA50

Installation Guidelines

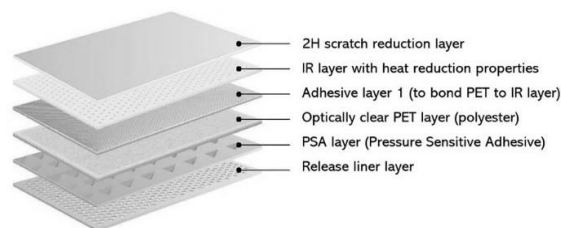
Vertical Installation on standard glass surface

Single Pane Glazing	
Clear Standard Glass	✓
Thermally Toughened Safety Glass	✓
PVB / Laminated Glass with correct spacing	✓
Glass Panes Exceeding 2 SQM	✓
Low-E Glass	!
Glass with poor quality edging and spacing	X
Double Pane / Double Glazing	
Clear Double Pane	✓
Tinted Double Pane	!
Gas-Filled Double Pane (Low-E)	!
Glass Panes Exceeding 2 SQM	!
PVB / Laminated Glass with correct spacing	!
Thermally Toughened Safety Glass	✓
Glass with poor quality edging and spacing	X
Safety Guideline Symbols	
Safe to install	✓
Unsafe to install	X
Caution, will cause thermal stress	!
Safety Performance	
For Internal use only	✓
Peel Strength (gr/inch)	>1800
Signal Interference	0%

Guidelines provided are based on a single glass surface up to 2.5 m² with no single length or width greater than 2 meters.

Product Care & Maintenance:

After installation allow 30 – 60 days to cure. Never try to remove bubbles during the curing process. After curing you may clean the windows with soapy water and non-abrasive cloths or sponges and paper towels. Do not attempt to clean the film with chemicals containing ammonia or abrasives.



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