



Auto & Architectural

## NR Black 20%

**Non-Reflective Premium 20%** window tinting provides enhanced privacy by blocking visibility from the outside while maintaining a sleek, dark 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)     | 20%     |
| Visible Light Reflectance (internal) | 12%     |
| Glare Reduction                      | 72%     |
| Solar Energy                         |         |
| Transmittance                        | 32%     |
| Reflectance                          | 17%     |
| Absorption                           | 51%     |
| TSER (Total Solar Energy Rejected)   | 55%     |
| Thermal Energy                       |         |
| Shading Coefficient                  | 0.56    |
| Solar Heat Gain Coefficient          | 0.50    |
| U-Value - (W/m <sup>2</sup> K)       | 5.8     |
| R-Value - (m <sup>2</sup> K/W)       | 0.17    |
| Ultraviolet & Infrared               |         |
| UV Rejection                         | 99%     |
| IR Rejection                         | 11%     |
| Anti-Fade Rating (0 - 100)           | 72      |
| Manufactured Specifications          |         |
| Thickness                            | 50 µm   |
| Structure                            | 2 Ply   |
| Composition                          | PET     |
| Warranty                             | 5 Years |
| Colour                               | Natural |
| Stock Code                           | REA20   |

### Product Care & Maintenance:

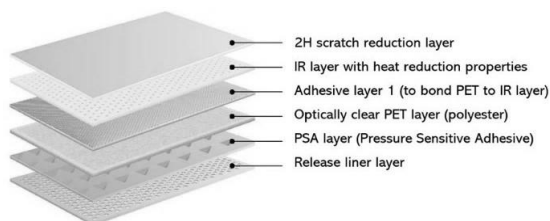
After installation allow 30 – 60 days to cure. Never try to remove bubbles during the curing process. After curing you may clean the windows with soapy water and non-abrasive cloths or sponges and paper towels. Do not attempt to clean the film with chemicals containing ammonia or abrasives.

### 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                         | X     |
| Gas-Filled Double Pane (Low-E)             | !     |
| Glass Panes Exceeding 2 SQM                | X     |
| PVB / Laminated Glass with correct spacing | X     |
| Thermally Toughened Safety Glass           | ✓     |
| Glass with poor quality edging and spacing | X     |
| Safety Guideline Symbols                   |       |
| Symbol                                     |       |
| 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 m<sup>2</sup> with no single length or width greater than 2 meters.



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