# PRIME ZENITH PRECISION

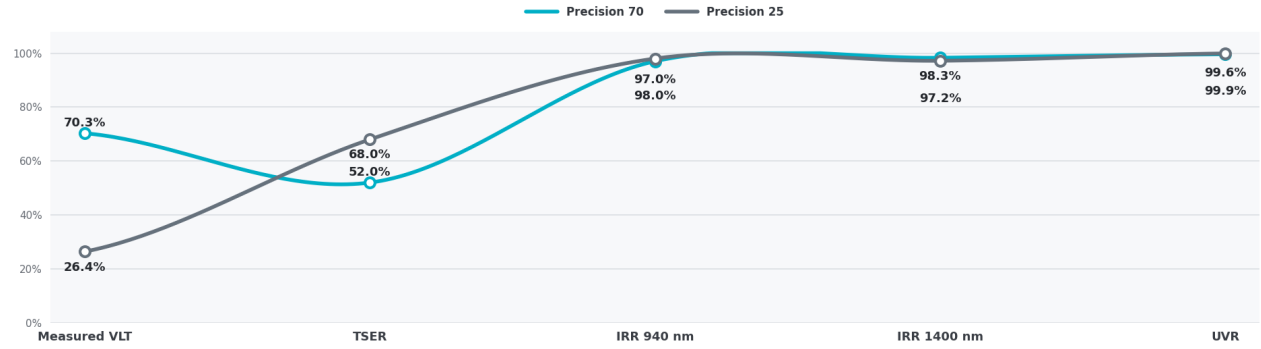
## DUAL-SILVER AUTOMOTIVE WINDOW FILM

**PRIME ZENITH / NOMINAL 76 ± 4 µm / PRECISION 70 • PRECISION 25**

Prime Zenith Precision is a dual-silver automotive window film offered in two light-transmission levels. Precision 70 maintains a clear glazing appearance, while Precision 25 provides a darker finish with increased total solar energy rejection.

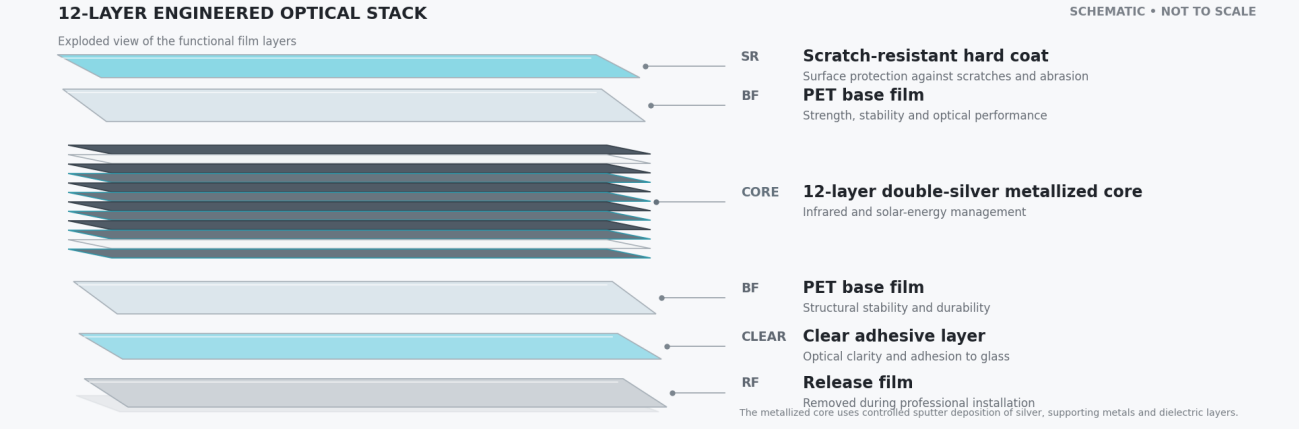
| 2 | 68.0% | 98.3% | 99.9% |
|---|---|---|---|
| VLT OPTIONS | MAX TSER | MAX IRR @ 1400 NM | MAX UV REJECTION |

## OPTICAL AND SOLAR PERFORMANCE PROFILE




Markers show the exact supplied values. Curved lines are a visual guide between independent performance indicators.

## ENGINEERED MULTI-LAYER CONSTRUCTION



# PRIME ZENITH PRECISION PERFORMANCE DATA

## NUMERIC SPECIFICATIONS BY PRODUCT VARIANT

### THERMAL AND OPTICAL PERFORMANCE

| VARIANT | MEASURED VLT | TSER | IRR 1400 nm | IRR 940 nm | UVR | SC |
|---|---|---|---|---|---|---|
| **Precision 70** | 70.3% | 52.0% | 98.3% | 97.0% | 99.6% | 0.46 |
| **Precision 25** | 26.4% | 68.0% | 97.2% | 98.0% | 99.9% | 0.37 |

### SOLAR TRANSMISSION, REFLECTANCE AND CLARITY

| VARIANT | SOLAR TRANS. | PSA VLR | SR VLR | SOLAR REFL. | HAZE | THICKNESS |
|---|---|---|---|---|---|---|
| **Precision 70** | 48.6% | 9.5% | 12.0% | 8.4% | 0.70 | 76 ± 4 µm |
| **Precision 25** | 32.3% | 7.1% | 14.3% | 6.0% | 1.25 | 76 ± 4 µm |

### CONSTRUCTION LAYER DEFINITIONS

| ABBREVIATION | FULL NAME | FUNCTION |
|---|---|---|
| **SR** | Scratch-resistant hard coat | Protects the film surface against scratches and abrasion. |
| **BF** | PET base film | Provides strength, stability and optical performance. |
| **CORE** | 12-layer double-silver metallized coating | Two silver layers with aluminium, nickel-chromium, titanium, chromium and dielectric support layers absorb and reflect infrared radiation and solar energy. |
| **BF** | PET base film | Enhances structural stability and durability. |
| **CLEAR** | Clear adhesive layer | Provides optical clarity and strong adhesion to glass. |
| **RF** | Release film | Protects the adhesive before installation and is removed during fitment. |

### TECHNICAL DEFINITIONS

| TERM | DEFINITION |
|---|---|
| **VLT** | Visible Light Transmission: percentage of visible light transmitted through the film. |
| **TSER** | Total Solar Energy Rejection: total incident solar energy rejected by the film/glass system. |
| **IRR** | Infrared Rejection measured at the stated wavelength; it is not equivalent to full-spectrum TSER. |
| **UVR** | Ultraviolet Rejection. |
| **SC** | Shading Coefficient, reported by the supplier as SHGC / 0.87. |
| **VLR** | Visible Light Reflectance measured from the adhesive (PSA) side or scratch-resistant (SR) side. |
| **Solar trans. / refl.** | Total Solar Transmittance / Reflectance measured across 300-2500 nm. |

### APPLICATION AND PRODUCT NOTES

| ITEM | DETAIL |
|---|---|
| **Application** | Professional installation on compatible automotive glazing. Installer must confirm local legal VLT requirements before fitment. |
| **Options** | Customer-facing options are Precision 70 and Precision 25. Their measured VLT values are 70.3% and 26.4% respectively. Measured values remain subject to normal test, glass and manufacturing tolerances. |
| **E-warranty** | Eligible Prime installations are protected through Sentrix digital e-warranty registration by an authorised installer, subject to prevailing terms and exclusions. |