

NIC
INDUSTRIES, INC.

**INFRARED REFLECTIVE COATINGS
24 HOUR CAMOUFLAGE**

CerakoteTM
STEALTH

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Cerakote™ Stealth 24-hour camouflage

Cerakote™ Stealth is the first line of 24-hour camouflage available for small arms. In addition to daylight camouflage, this coating provides signal management for night time camouflage. Signal management is a broad term that refers to camouflage, near-IR, far-IR, and radar. Cerakote™ Stealth is specifically designed to provide camouflage in the near-IR range.

Sunlight reaches earth in three distinct forms: ultraviolet (UV), visible light, and infrared (IR). Of these, the human eye is sensitive to only a narrow band of visible light wavelengths between the range of 400 and 700 nanometers (nm). The ultraviolet portion of the spectrum is less than 400 nm, and infrared light is beyond 700 nm. The near-IR wavelengths (700-900 nm) are invisible to the naked eye but are used by night vision equipment to produce an image. Each of these portions of the spectrum are shown in figure 1. Man-made objects such as clothing, plastic, and paint absorb near-IR wavelengths. Vegetation, rocks and other items in the natural world reflect near-IR wavelengths due to innate natural properties.

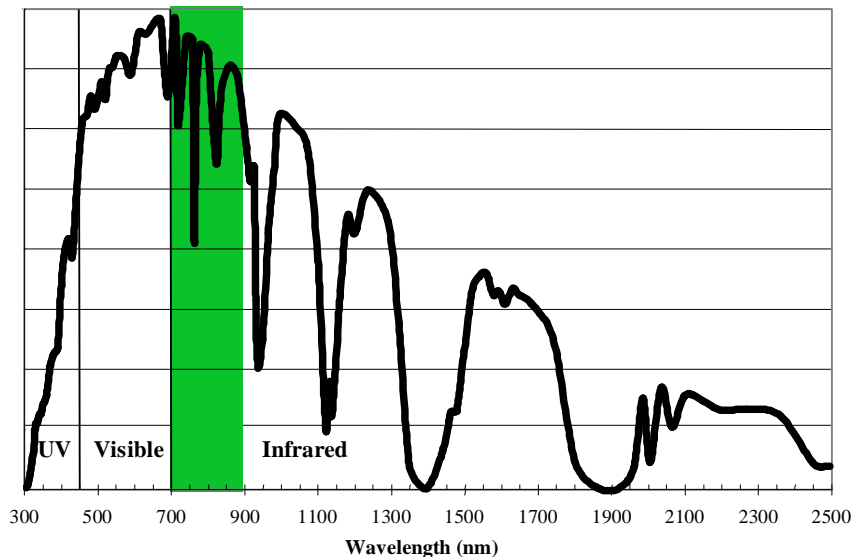


Figure 1. Energy from the sun reaches Earth in three distinct forms: UV, Visible, and Infrared energy. Cerakote™ Stealth operates by camouflaging the energy in the range of 700-900 nm (shown in green)

Cerakote™ Stealth 24-hour camouflage mimics the near-IR reflectance of natural surroundings. When man-made objects are viewed in the dark with 3rd generation night-vision equipment the signature is reduced and the item blends into the background. Without Cerakote™ Stealth these objects stand out from the background and are easily identified by near-IR night vision equipment.

Cerakote™ Stealth was formulated from the same ceramic hybrid technology as standard Cerakote Firearm coatings. These coatings maintain excellent adhesion, hardness, corrosion resistance, and impact resistance through rigorous use. A range of colors are available depending on the intended use of the firearm.