



## NTEC Company Brief

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# Product Background

- Lightweight Ceramic Composite Armor Systems
  - Opaque
  - Transparent

# COATINGS

- Coatings with Refractive Index (1.7+)
- Surface Planarization (RMS < 1 $\mu$ m)
- Polymer Hardening (SiC Hardness)
- Damage Detection
- Nano-based Adhesives
- Imaging Applications

Nanotechnology Applications

# ENERGY

- Pulse Energy Transfer
- Energy Storage (ceramic based battery)
- Energy Creation (solar cell or other)
- Insulation
- Signature manipulation

Nanotechnology Applications