

HANDLING INSTRUCTIONS

VANTABLACK[®]
VISIONVBX^{2.3}

PRODUCT DESCRIPTION

Vantablack[®] Vision is a light absorbing coating manufactured and/or applied by Surrey Nanosystems. The material has the capacity to absorb more than 99% of all visible spectrum light, from virtually all angles leading to a super black, infinite depth finish.

To achieve this performance the coating is made of a carbon microstructure, rather like a honeycomb when viewed under a microscope. This structure is key to the coatings light absorbing performance, but also limits the coatings ability to withstand abrasion and impact damage.



HEALTH & SAFETY

Please read the material safety data sheet provided or available at

- www.surreynanosystems.com/resources

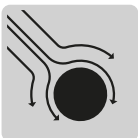


HANDLING

The surface should not be abraded or handled directly if possible.

The coating has moderate resistance to handling and if the surface needs to be handled, we recommend the use of powder free latex/nitrile gloves. This avoids skin contamination of the super-black surface during the handling or assembly process.

Skin contact risks leaving fingerprints or residues that may impair the optical performance. Any abrasion of the surface is likely to damage the coating structure and impair the optical performance. Damage would not be noticeable over small areas, but good handling procedures will lead to a better visual result.



CLEANING THE SURFACE

The coating should not be washed with solvents or water to remove contamination.

Dust may be removed using low pressure filtered compressed air, nitrogen (1 bar max.) or lens cleaning puffer.



TECHNICAL SUPPORT

For Further technical support please contact:

- technicalsupport@surreynanosystems.com