

P R O D U C T A P P L I C A T I O N S

UV Coatings Ltd. offers both pigmented and clear coatings with finishes ranging from matte to high gloss. Easily applied with standard spray equipment, our formulation allows the final coat thickness (dry) to equal the wet coat thickness, which offers excellent versatility and control.

Z-VOC provides superior finish performance to nearly any type of substrate, including wood, metal, glass, plastic, polymer, paper or concrete. It is ideal for heat-sensitive materials such as thin film plastics or electronic components. Our product is both chemical and abrasion resistant, offers adhesion flexibility, hardness/softness properties, and excellent aesthetic benefits.

Because of its unique properties, Z-VOC would be beneficial in a wide range of industrial applications. Industries that would find immediate use for our sprayable, 100% solids liquid coatings technology include:

ADHESIVES

Pressure-sensitive Adhesives (structural, glass adhesives)
Glass Block/Mortar Replacement
Self-Locking/Self-Sealing Fasteners

AUTOMOTIVE

Contact Adhesives (replaces hook and loop fasteners)
Corrosion-control E-coat "Overcoatings" (salvageable)
Anticorrosive Coatings and Sealants
Clear Coats (macromolecular shells)
Pigmented Coats
ABS Plastic Coatings and Finishes
Polycarbonate Coatings and Finishes
Headlight and Electrical Sealants
Aftermarket Systems (paints, finishes, etc.)
Ceramic and Glass Decals

ELECTRONICS

Pressure-sensitive Label Adhesives
Electroconductive Inks
Liquid Crystal Display Sealants
UV-curable Ink Jet
Ion Mobile & Conductive Coatings
Sacrificial Anode Coatings (anticorrosion)
Circuit Board Potting & Sealing
Anaerobic/UV-curable Hybrid Sealants
Antistatic Coatings
Prostatic Coatings (dust control)

MEDICAL / BIOMEDICAL

Bioimplants (permeation membranes, artificial internal organ components, etc.)
Prostheses (removable/artificial skin, fingernails, etc.)
UV Laser-produced Membranes and Tissue Nets
Prosthetic Lenses