



## **WATER-BASED LIQUID LAMINATES FOR NON-WATER-SENSITIVE INK / MEDIA COMBINATIONS AND SOLVENT BASED INKS**

**ClearShield®** is an inexpensive way to protect your prints, fine art, signs, vehicle graphics, banners, awnings and other products. It is an easy to apply clear coating and does not require extensive equipment.

### **PROPERTIES**

- Use instead of film laminates
- Water-based
- Contains state-of-the-art UV inhibitors and light stabilizers
- High performance – Excellent exterior durability
- Enhances color
- Highly flexible
- Protects from abrasion and marring
- Provides resistance against chemicals and water
- Will not yellow
- Use on digital output: solvent based ink, eco-sol inks electrostatic, thermal, Pigmented ink (non-water-sensitive)
- Easy clean-up with soap and water
- Available in 4 finishes: Gloss, Semi-Gloss, 20° Satin and Matte
- Packaging: quarts, gallons, five-gallon pails, 55 gallon drums



Use **ClearShield** on most substrates, including waterproof canvas, vinyl, banners, fiberglass, wood, metal, plastic, and paper. **ClearShield** is available in several specialized versions for vehicle graphics, fine art canvas and anti-graffiti to list a few. The following chart gives you information about each product.

## About Clearstar's Products

Version	Properties	How to Apply	Finish
<i>ClearShield Original</i>	Thickest film build. Suitable for vertical applications.  Recommended for Eco-Sol Inks	Spray, foam applicator, roller.	Gloss Semi-Gloss Matte
<i>ClearShield Type LL</i>	Lower viscosity than original ClearShield. Same resin solids.  Recommended for Eco-Sol Inks	Spray, automated equipment, hand application with roller, pad or foam applicators and window "mops"	Gloss Semi-Gloss 20°Satin Matte
<i>ClearShield Type C</i>	Water resistant canvas applications (highly flexible). Also suitable for micro porous ink jet receptive substrates to help reduce or eliminate pinholes.	Use all techniques, including most automated equipment.	Gloss Semi-Gloss 30°Satin  * 30°Satin is best applied by spray or liquid lamination equipment
<i>ClearShield VG</i>	Vehicle graphics. Highly flexible.	Use all techniques, including most automated equipment.	Gloss
<i>ClearShield 20°Satin LL</i>	Low gloss applications not requiring dead flat finish found in matte version. Better abrasion and mar resistance. Suitable for many wallpaper applications.	Use all techniques, including most automated equipment.	20°Satin
<i>ClearShield Anti-Graffiti Clear</i>	Highly flexible, chemical and ultra-violet resistant. Two-component, water-based clear coat easily cleaned with solvent or Clearstar's non-petrochemical citrus based cleaner.	Use all techniques, including most automated equipment.  *May be used without cross-linking agent and will exhibit excellent durability without graffiti resistance	Gloss