

CLEARSTAR

A Member of the Marabu Group

CLEARSHIELD

ClearShield® Anti-Graffiti is a two-component, water-based Liquid Laminate with excellent chemical resistance. It is well suited for high performance applications where hardness, flexibility and abrasion resistance is required. It can be applied over most solvent based output; however we do not recommend using over Eco Solvent inks. This coating has excellent UV resistance thereby permitting use in severe exterior applications. It is the perfect coating for applications in areas where there is a high risk of vandalism from graffiti. ClearShield Anti-Graffiti may be cleaned with a range of solvents including our R4001 Citrus Based Graffiti Remover. Our remover allows a quick, environmentally friendly removal of graffiti.

ClearShield Anti-Graffiti has been tested against many common chemicals. It shows no effect on a 10 minute spot test done with the following chemicals: Acetone, Toluene, Gasoline, Ammonia (5%) as well as withstanding 200+ double rubs of MEK. The typical products that may be cleaned from a surface coated with Anti Graffiti are: most common aerosol spray paints (enamels will be more difficult to remove than lacquers), Finger nail polish, Latex Paints and Ketchup. With permanent markers like Sharpie and Marks-a-lot may leave a trace shadowing after cleaning.

ClearShield Anti-Graffiti is very easy to apply using all application techniques including Roller, Spray or Automated Equipment.

CX-100 is the cross linking agent for ClearShield Anti-Graffiti.

When activating Anti-Graffiti Clear a full gallon requires 114 ML of CX-100. Once activated the material has a pot life of 4 – 6 hours and will gel after that time. Be certain to clean spray guns quickly, and only activate what you will use. Anti-Graffiti CANNOT be reactivated.

To ensure maximum chemical resistance we recommend applying at a rate of 450 square feet per gallon which will yield approximately a 1 mil dry film thickness. Dry time depends on relative humidity and air movement.

Although it is impossible to predict the performance of any individual coating, field-testing and history demonstrate an increase in ink longevity up to 100%. ClearShield® is the world's largest selling clear coating used by the digital print market. It's longevity in test exposures has exceeded 5 years. It should be noted that it is impossible to predict individual performance because of variables such as film thickness and site orientation (geographic exposure).

