

CRYSTAL CLEAR 2K CHIP GUARD

TECHNICAL DATA SHEET



Stock	Product	Colour	Size
BCG4 / 101004	Crystal Clear 2K Chip Guard (2 part kit)	Clear	946 mL / 32 fl oz.
BCG4G / 101007	Crystal Clear 2K Chip Guard (2 part kit)	Clear	3.78 L / 1 gal U.S.

DESCRIPTION:

Crystal Clear 2K Chip Guard is a resilient and durable “Crystal Clear” protective coating designed to repel stones and other road debris. Crystal Clear can also be used as a tough durable, impact-resistant, UV stable, protective coating that can be sprayed onto your headlights or any urethane painted surface.

FEATURES:

- Crystal Clear – Excellent UV resistance.
- Can be applied to leave no tape line like protective adhesive films.
- Extremely resilient and durable against chips.
- Permanently flexible.
- Apply to any area where chip resistance is needed
- Can be used as a clear truck bed liner

SURFACE PREPARATION:

1. Mask all areas that you do not want coated.
2. Clean the surface to be coated with a good quality wax & grease remover
3. Sand cured paint or OEM finish with 800 grit sand paper. Make sure you de-gloss the surface.
4. Re-clean the surface with a good quality wax & grease remover.
5. * Avoid using any alcohol based cleaners or reducers. Alcohol based wax and grease removers are NOT recommended.

MIXING DIRECTIONS:

1. Mix 1 part BCG4 component A with 1 part BCG4 component B. Mix thoroughly before applying. It is imperative that exactly equal parts are measured carefully. Do not thin with solvents.

Dominion Sure Seal Ltd. | 6175 Danville Rd, Mississauga, ON. L5T 2H7

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Note: Do not mix more than 1 pint part A and 1 pint of part B at a time. Mix and use only 1 kit at a time. Mixing more than 1 kit (1qt. sprayable) will dramatically shorten pot life and may cause the product to set up in equipment. This will result in poor film build.

APPLICATION:

Average number of coats: 4 – 7 wet coats. Application density: medium-wet to wet. Overlap 50%.

1. Sand the surface to be coated with 800-100 grit sandpaper to remove the oxidized coating. If you sand through the UV protective film on the lens you must remove the remainder of the coating or else you will see the ring where you sanded through.
2. Mask the surrounding area around headlight lens to avoid getting any overspray on the car.
3. Clean any and all sanding residue from the surface with either water or a very mild cleaner. Use caution cleaning the plastic lens. Solvents can damage or attack the plastic lens.
4. Mix Crystal Clear as stated above.
5. For easiest application, apply using a touch up gun. Apply one medium light coat and allow the solvents to flash until you can pull strings.
6. Apply 2 additional medium wet coats. This will provide enough material on the lens unless you plan to buff the coating. Allow to dry and unmask. Once has dried sufficiently, vehicle can be returned to service.

TECHNICAL PROPERTIES:

Substrates:	Properly cured and prepared, previously painted automotive urethane substrates including OEM finishes, fiberglass & SMC
Pot Life:	90 Minutes for one mixed quart*
Additives:	Fisheye eliminator may be used if needed
Flash Time:	8 – 15 minutes*
Dry Time:	Cure overnight
Gun Setup:	Air Pressure: 40 – 50 psi Conventional Gravity Feed: 1.3 – 1.4 fluid nozzle Siphon: 1.4 – 1.5 fluid nozzle HVLP @ cap 7 to 8 psi

*Times stated are at 72° F (22° C) and less than 50% humidity. Warmer temperatures will shorten pot life.

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COVERAGE:

One mixed kit (1 sprayable quart) covers approximately 65 to 75 sq. ft. @ 4-5 mils dry film thickness. For best protection, apply enough material to achieve 5 mils or more dry film build. The number of coats needed will depend on the gun set up, temperature and how wet you spray.

CLEANING:

Clean tools immediately after use with lacquer thinner. Cured product can only be removed mechanically.

PERSONAL PROTECTION:

Keep out of reach of children. All users should review the Safety Data Sheet (SDS) prior to use for possible health hazards. Copies of the SDS sheet are available upon request.