

PRODUCT FEATURES & APPLICATION

Crystal Clear 2K Chip Guard

Dominion Sure Seal Ltd.

6175 Danville Road, Mississauga, Ontario, Canada L5T 2H7

TEL (905) 670-5411

FAX (905) 670-5174

Stock BCG4 (2 pt. kit)

Color: Crystal clear

Description: Crystal Clear 2K Chip Guard is a high solid, low VOC, Crystal Clear coating with excellent UV resistance. Crystal Clear 2K Chip Guard is designed to provide you a resilient, durable, invisible barrier to repel stones and other road debris that could damage the finish of your vehicle's urethane painted surface or any urethane painted surface that you wish to have incredible UV resistance and anti-stone chip protection.

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

Substrates:

1. Properly prepared previously painted cured urethane automotive finishes including OEM finishes.
2. Properly prepared finished and cured fiberglass and SMC.

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. Avoid alcohol based cleaners.
 3. Sand cured paint or OEM finish with minimum of 800 grit sand paper on a DA sander. Make sure you de-gloss the surface.
 4. Re-clean the surface with a good quality wax & grease remover.
- * Avoid using any alcohol based cleaners or reducers. Alcohol based wax and grease removers are NOT recommended.

Mixing Directions:

WARNING – MIX ONLY WHAT YOU ARE SPRAYING

If spraying a large area you may want to mix enough product to spray one coat only then mix the product needed for the next coat.

Do not mix more than one kit at a time. Mixing more than one sprayable quart shortens pot life (work time) by a minimum of 30-40%. Not following these directions can result in poor film performance.

1. Open both pint cans and remove the metal seal.
2. Pour 1 part BCG4 Component A and 1 part BCG4 Component B into a clean mixing cup. Make sure equal parts are used. This is critical for proper performance and curing of the protective coating.
3. Stir thoroughly before spraying.
4. Replace caps back on cans immediately after mixing
5. If fisheyes are a problem you may use a Urethane Clear Coat fisheye eliminator. Typical application is up to ½ oz per mixed ready to spray quart. Call for additional details.

Application:

****Pot Life (mixed work time) rated at 72 degrees F (22c). 90 minutes on one mixed sprayable quart. Mixing and spraying in higher temperatures will shorten pot life. Mixing more than ONE SPRAYABLE QUART will shorten pot life dramatically. This can cause product to set in your equipment or give poor overall product performance***

1. Apply 5-6 wet coats depending on thickness required.
2. Air pressure:
 - a. Conventional – 45 - 50 PSI
 - b. HVLP @ Cap - 7 – 8 PSI
3. Gun Set Ups – Fluid Tips -
 - a. Conventional – 1.3 – 1.4
 - b. HVLP - 1.3
4. Allow Crystal Clear Chip Guard 8 to 15 minutes flash at 72 degrees F (22C). between coats. The coating should pull a very thick stringer or slightly past this stage before your next coat is applied. Do not allow the coating to dry between coats. It must be pulling thick stringers to a very thick tacky stage.
5. BCG4 Crystal Clear Chip Guard will continue to flow for up to 5-7 minutes.
6. If you don't want a hard tape line, remove fine line tape immediately after your last coat. This will allow the edge to soften and flow.

**** CLEAN EQUIPMENT IMMEDIATELY ONCE FINISHED SPRAYING.***

Drying

* Tack free 2 ½ hours at 72 degrees F (22c).

* Air Dry - Overnight

* Crystal Clear can be forced dried depending on overall applied thickness.

- **Less than 5 mils applied thickness**

- a. Allow a minimum of 20 minutes flash time prior to applying heat. Remember less than 5 mils in thickness, you can bake Crystal Clear at 140 degrees F (60c) for 30 to 40 minutes.

- **Between 5 to 10 mils applied thickness**

- a. Allow a minimum of 20 minutes flash time prior to applying heat. Over 5 mils in thickness, start by baking at a low temperature 100 – 110 degrees F (37-43c) (for 20-25 minutes. After 20-25 minutes at 100-110 (37-43c) you may raise the temperature to 140 degrees F (60c) for 30 to 40 minutes.

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Clean Up:

1. Clean spray equipment immediately with gun wash solvent, lacquer thinner, or urethane reducer.

Re-Coat:

1. If surface has minor imperfections, allow the coating to sit overnight or force dry and allow to cool.
2. Sand Crystal Clear 2K Chip Guard with 800 to 1000 grit sand paper to remove imperfections.
3. Mask all areas not to be coated
4. Follow standard mixing directions.
5. Spray one wet coat to achieve your desired finish. If you had to remove a lot of product to remove the imperfections a second coat may be needed to achieve a minimum of 6-8 mls in final film thickness.
6. Allow to dry and deliver
7. If you do not want a tape line unmask the fine line tape immediately so your edge will soften

Masking Help:

1. Mask all areas up to the area to be coated.
2. Apply fine line around area to be coated. If a soft edge is desired you will be removing the fine line immediately after spraying to allow the edge to soften and flow.
3. Outline area to be sprayed using fine line masking tape. Preferred 1/4" or larger. If all you have is 1/4" then use two pieces to allow plenty of area for Crystal Clear 2K Chip Guard to flow. Flow area depends on thickness you apply.
4. Use masking paper that is recommended around urethane clears. Inexpensive masking papers can bleed the coating through to the existing finish.

BUFFING: It is possible to buff this product contact our technical help desk at 1 800 265 0790

Coverage:

1. One kit (1 pint part A and 1 pint part B) covers approximately
2. 75 Sq/Ft (7.4 Sq/Meters) @ 5 mils thick

Warnings:

Do not use any alcohol based cleaners or reducers. This can cause a reaction with Crystal Clear.

**** Product and substrate need to be above 60-65 degrees (15.5 to 18.3 degrees C.)

VOC:

2.78 Lbs/Gl.