



APPLICATION GUIDE

SUPER GRIP® (SG-100 and SG-200)

***Preparation of the substrate is crucial for maximum adhesion and performance of this material**

Super Grip® is an ultra-durable polymer ceramic coating designed to add grip and texture to nearly any surface. This coating is easy to apply and can work as a stand-alone coating to improve grip. It can also be used in tandem with other Cerakote products to create custom-textured finishes. For alternative applications or advanced applications of Cerakote Super Grip®, please contact technicalsupport@cerakote.com.

Preparation:

Proper preparation for Cerakote Super Grip can be found in the [H and Elite series training manual](#). For prep on other substrates like wood or composite materials that can be potentially damaged through sandblasting, we recommend sanding to a finished 240 Grit surface or scuffing with a red Scotch-Brite® until uniformly dull.

After the surface has been properly abraded, clean the surface with a degreasing agent such as Prep-All® wax and grease remover. Once thoroughly cleaned, use dry compressed air to blow off the surface; you are now ready to apply your Cerakote Super Grip.

Equipment:

We recommend applying Super Grip using our [Super Grip HVLP 1.7mm Spray Gun](#). Cerakote Super Grip can also be sprayed out of a pressure pot system with a 1.7mm needle nozzle. Super Grip is significantly different from all of our other products and should be applied through the recommended or comparable spray gun.

Spraying:

- **SG-100**
 - Single-part system, air-cured (DOES NOT REQUIRE CATALYST).
- **SG-200**
 - Two-part system, oven-cured. F-100 catalyst is required at a mixing ratio of 9:1 (9 milliliters of Coating to 1 milliliter of Catalyst). For the most precise measurements, it's recommended to use the [Cerakote Catalyst Mixing Calculator](#).

For this product, we recommend that the fan and fluid settings be wide open and adjusted down as needed; the best results are found at 10 psi for atomizing air pressure. For optimal coverage and texture, use two light tack coats covering the substrate, followed by one medium wet coat. Adjusting speed and distance during application will change the results of texture and coverage. Be sure to practice on a spare item before spraying your parts.

While this provides the texture and grip designed for this specific coating, many other gun settings can be used to achieve different textures. In general, the less fluid and more atomizing air, the more you will achieve a velvet/soft touch finish, as opposed to a rough textured finish.

Pro Tip: Coverage can be deceiving without proper lighting. Check parts after 15 minutes of ambient flash time to see if they need to be touched up; additional coats should always be applied before following the cure schedule. If the parts have been cured and need to be touched up, you must sand the parts to a level surface and apply additional coats as needed.

Cerakote Super Grip's recommended film thickness is 2.5-3.5 mils.

Note: Exceeding the recommended film thickness can sacrifice durability and cause the coating to crack, split, or blister.

If Super Grip needs to be removed, the recommended procedure is sanding. Sandblasting the uneven surface of Super Grip can permanently damage the substrate.

Cure Schedules

- **SG-100**
 - Super Grip air cure will be tack-free in 1-2 hours, depending on climate, and fully cured in 5 days.

Cure Schedule continued on page 2.

Please contact a **Cerakote** technician with questions on proper use and/or application. Onsite or offsite training courses are available for further instruction. **Consult your SDS for proper handling, disposal, cautions while using this product.**

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The information contained in this bulletin we believe to be correct to the best of our knowledge and testing. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that you make adequate tests in your laboratory or plant to determine if this product meets all your requirements.

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- **SG-200:** Before following the cure schedule, the parts must have a minimum of 15 minutes of ambient flash time.
 - 250°F (121°C) for 15 minutes with metal substrates.
 - 150°F – 180°F (65°C – 82°C) for 1 hour with plastic, polymer, wood, or composite substrates.

Note: Cerakote Super Grip has a 3-month shelf life from the time of shipment.

For any questions or other tips and tricks, email technicalsupport@cerakote.com or call us at 866-774-7628 and ask for Technical Support.

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