



# High Gloss Armor 2k Sealer

## An Aliphatic-Polyurethane 2 Part Sealer and Color Enhancer



### COVERAGE:

**1 gallon (3.8 Liters) covers approximately:**  
 - 1st application: 300-350 sq ft  
 - 2nd application: 350-400 sq ft

### PACKAGING:

- Available in 1 gallon jugs.  
 Special quantities available upon request.

### STORAGE:

- Keep in a cool, dry location out of direct sunlight.  
 - Protect pails and jugs from weather and other damage.  
 - Store at a temperature between 40°F (4°C) and 90°F (32°C).

### SHELF LIFE:

- 14 months in original sealed container.

### COLOR:

- High Gloss / Can Add Color

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### DESCRIPTION

**C**lassic High Gloss Armor 2K Aliphatic-Polyurethane Sealer is a clear, 2 component,  $\text{voc} < 1\text{g/l}$  63% solids, waterborne, special blend sealer that is designed to be used over all of our stains, as well as polymer modified cementitious toppings, masonry, concrete and waterborne colorants. May be used for exterior & interior. High Gloss Armor 2k provides UV stability and will not yellow. CRU repels water, oil, chemicals, and acid. It is formulated primarily as a clear sealer for durable protection over concrete restoration projects and is low maintenance. It is typically applied with a 9"x1/2" nap roller with 1-hour pot life, provided that the surface is properly prepared. High Gloss Armor 2K is environmentally safe and cleans up with water. Also available in matte or in a satin finish. Color additives are also available in solid colors and metallic colors. Caution: Sealers may be slippery when wet. If desired, add Classic Gator Grip slip resistance during the second application only. **New concrete must cure for 28 days before sealer is applied. FOR PROFESSIONAL USE ONLY**

### ADVANTAGES

Excellent adhesion and durability Nano technology with $\text{voc} < 1$ and low odor
UV Stable and fast drying Low cost, easy installation and low maintenance
No fumes, non-hazmat and non-corrosive
Excellent hot tire pick-up after 5 days
FDA secondary grade
Longer than usual pot life of 1 hour
Excellent as a protective floor coating. CRU repels water, oil, chemicals, and acid

### LIMITATIONS

Application surface temperature should be between 55°F and 110°F
Never apply adhesives over stained or sealed surfaces. May cause damage.
Will reflect working cracks in substrate and do not allow to puddle
Must be installed over a clean and dry surface
Do not freeze. Keep container closed when not in use and out of sun
Must cure for 5 days before parking a vehicle on it.

### TYPICAL USAGE

- Commercial, industrial, warehouse, retail stores, restaurant & office.
- Residential, driveways, pools, walkways & concrete decks.
- Restoration projects and architectural toppings.
- Concrete, bricks, flagstone, stone, epoxy, metal & pavers.



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### SURFACE PREPARATION

- ✓ **READ SDS BEFORE HANDLING & APPLICATION**
- ✓ Highly recommended to test a small inconspicuous area first.
- ✓ **TURN OFF SPRINKLERS FOR TWO DAYS PRIOR TO AND AFTER.**
- ✓ Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non-masonry surfaces.
- ✓ Clean concrete with Classic Super Eco-Etch before staining.
- ✓ Before you start staining wear rubber gloves & safety glasses
- ✓ New concrete must cure for 28 days before stain is applied.
- ✓ Note: For older concrete, water based stains work the best.

Surface preparation is one of the most important steps of the staining process. The concrete must be free of debris, dirt, and oils. Start by cleaning the surface with Classic Super Eco-Etch on broom finished and smooth finished concrete. Clean twice with Classic Super Eco-Etch and pressure wash the concrete with fresh water at 2,800 psi. Rinse the surface with fresh water to remove any softened concrete created by the etching and pressure washing process. For sandblasted concrete, clean one time with Classic Super Eco-Etch and pressure wash the concrete with fresh water at 2,800 psi. Rinse the surface with fresh water. For Stamp concrete and smooth concrete surfaces the process is the same.

Often, surfaces inside an existing house will have dry wall mud, paint, wood stains, tile adhesives and carpet adhesives, grease, pet stains, etc on the concrete. These spots will show through if not removed as these get into the pores of the concrete and block the staining process. There are several products available at a local hardware store such as adhesive removers and lacquer thinners that can be used to clear these products from concrete. Cleaning one of these floors to a stainable level is a considerable amount of work but not impossible. If you desire a more even finish consider one of our overlay resurfacing products like Classic Stamp Overlay (white). White always shows a better color. For indoor use, apply Classic Micro Topping (white), especially on a floor that has had glued tile or glued carpet.

When staining an area, cover the surrounding areas thoroughly with drop cloths and clear plastic sheeting including plants and furniture so that nothing is accidentally stained, stains can be difficult if not impossible to remove. The appearance of the finished product is very much influenced by the manner in which the stain is applied. The stain can be sprayed, mopped, brushed, rubbed, but the best way is using a plastic sprayer and a push broom, etc. We suggest to spray on method using an all plastic pump sprayer (no metal parts) and a push broom brush in circular strokes. Once the surface is completely dry you can finally move onto sealing it.

### HOW TO MIX THE COLOR – PER GALLON

Mix Part A very well for 5 – 6 minutes. Once done, add Part B to Part A and mix with a slow speed drill that has a mixing paddle attachment. Move the drill up and down the container to mix it together well. A & B should be mixed together for 4 minutes. Be sure to carefully scrape the sides and the bottom of the container while mixing. Please note: Large batches of sealer will cure much faster in hot weather than in cold weather. Keep the mixture close and in a cool area. Mix well every few minutes before using. May lose a small amount of gloss and solids by adding the water. If water is added, use a 2 gallon pail to mix it with Part A and Part B.

\* Pot life once Part A & Part B are mixed together is up to 1 hour.

\* We highly recommend you prime the surface using CW200 for interior or PT30 for interior/exterior before applying the sealer.

### APPLICATION

We do not recommend applying the sealer on surfaces over 90 F. Test a small area first. Use a 9" or 18" NAP 3/8 or 1/2" Roller to spread evenly. Do not allow the sealer to puddle. Back roll if necessary. Begin by cutting in the edges and trim with the brush. The center may be done like you would normally paint a surface while making sure you overlap and back roll each section carefully. Remember to mix the sealer very well before every application.

**Second Application:** Apply a second application after 8 hours at around 75 F. Allow light foot traffic after 24 hours. Allow heavy traffic after 72 hours at 75 F with 50% humidity. Pot life is 1 hour. In hot working conditions, place container of sealer in a bucket of ice to extend your working time.

#### HANDLING PRECAUTIONS:

Use only with adequate ventilation. An appropriate cartridge type respirator must be used during application in confined areas. Avoid contact with skin. Protective gloves, eyewear and clothing are recommended.

#### PROP 65 WARNING:

Classic Coatings, as a blender of processed material in the State of California, is required by Proposition 65 to warn that one or more of the components contained in the product contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. The State of California (Proposition 65) requires this warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacturing, distribution and intended use. User is solely responsible for the legal disposal of this container and/or its contents.

#### WARRANTY:

Classic Coatings Systems products are warranted for one year after date of purchase. Please refer to the Limited Material warranty for additional clarification. NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY. We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABILITY OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE

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Technical assistance and info. is available by calling: (951)279-2600  
[www.ClassicCoatingsSystems.com](http://www.ClassicCoatingsSystems.com)