

# CONCENTRATED GEL STAIN

PRODUCT CODES: 007-CGS01 → 007-CGS10

**Concentrated Concrete Gel Acid Stain available in 10 earthtone colors**

## PRODUCT DESCRIPTION

**Concentrated Gel Stains** are a group of organic colored gelled acid concrete stains. The final brilliant results are unmatched by any other process and leave an antique patina type finish. They react chemically with the mineral content and excess lime of the concrete surface for a deep penetrating permanent stain. **Concentrated Gel Stains** were formulated specifically for crisp edge detail, logo, border, and design applications, as well as vertical applications. Unlike standard acid stains, **Concentrated Gel Stains** will not crawl, but will actually stand up to create a very crisp edge. All of these stains are UV stable when sealed. Use interior or exterior (Please refer to precautions and limitations on the back of this technical data sheet). **Concentrated Gel Stains** may be diluted up to 1:1 with water.

## BENEFITS/FEATURES

- ◆ 10 organic earthtone colors to choose from.
- ◆ Very economical way to create crisp lines for logos, borders, and decorative designs.
- ◆ Outperforms standard coating techniques commonly associated with vertical applications.
- ◆ Provides unmatched custom marble-like beauty.

## RECOMMENDED APPLICATIONS

**Concentrated Gel Stain** are recommended for most cured, unsealed interior and exterior concrete substrates. Do not apply to a floor or vertical surface that has been sealed or coated prior until all sealer has been completely removed.

## TECHNICAL INFORMATION

Solids.....	0%	Wet Appearance.....	Varies Depending Upon Color
Drying Time.....	4-8 hours	Dry Appearance.....	Light Chalky Look
Re-Coat Time.....	4 - 24 hours	VOC Content.....	0 g/l
Foot Traffic.....	Refer to Directions	Blush Resistance.....	n/a
Wheel Traffic.....	Refer to Directions	Solvent Resistance.....	Minimal
Application Temp.....	40°F - 85°F	Concrete Adhesion.....	Excellent-Chemical Reaction

\*\*\*Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

## SPECIFICATIONS/COMPLIANCES

**Concentrated Gel Stain** are VOC and OTC compliant in all areas of the United States and many foreign nations.

## APPROXIMATE COVERAGE RATES

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
New and Old (unsealed) concrete	100-150 ft <sup>2</sup>	100-150 ft <sup>2</sup>

\*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided. Please note that product can be diluted up to 1:1 with water yielding double the coverage per actual gallon of stain purchased.

## SHELF LIFE

**Concentrated Gel Stain** have a shelf life of one-two years in it's original, sealed, unopened container.

## PACKAGING

**Concentrated Gel Stain** are packaged and stocked in 1 quart bottles and 1 gallon jugs (5 gallon pails and 55 gallon drums available)

**SURFKOAT™**

### **SURFACE KOATINGS, INC.**

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CONCRETE STAIN SYSTEMS

CONCENTRATED GEL STAIN

## INSTRUCTIONS FOR USE

Always test the stain in an inconspicuous place. Allow to dry for 4-8 hours. Do not apply a thick coat. Rinse the test area and observe the color while wet. This will approximate the sealed color.

Flush off the area with water. If there are any oily stains, remove with a degreaser, then prepare the surface with a wash of **Surf-Prep** diluted 1:2 with water. Rinse thoroughly and let concrete dry.

1. Protect all areas not to be stained. Mask off all adjacent surfaces with painter's tape or plastic duct tape. Use 14 day or better painter's tape for logo, border, or design applications. Use a rubber roller to firmly adhere the tape to the concrete surface.
2. If using multiple colors, always start with the lightest color first as a base coat. Always rinse and completely remove residue from base coat prior to using painter's tape. Failure to remove residue prior to applying painter's tape may leave lighter shaded lines in the finish.
3. Using a soft bristle brush or a foam brush, the stain over the area being colored. Apply at a rate of up to 100-150 sq. ft. per gallon of stain. Apply conservatively as over application may take an excessive amount of time to dry.
4. Allow the stain to dry completely, 4-8 hours (stain should show no moisture and have a chalky like residue), and rinse thoroughly by sponge style mop with a water and ammonia solution such as **Balance** to neutralize the surface and remove residue. Remove standing water with a wet vacuum. Mop and flush with water until rinse water is clean.
5. Allow the area to dry over night (24 hours recommended) and seal with 1-2 of a low viscosity sealer such as **Stamp Seal** or a higher gloss sealer such as **Stamp Seal "Gloss"**. Please note that on interior floors, our **Cherry Surf-Wax** may be used over the sealer for added protection. Allow 3-4 for sealer to completely cure prior to waxing.

Please note: Waterborne sealers may be used as well, however, they usually do not enhance the color of the acid stained floor quite as well as Solvent based sealers.

## CLEAN-UP

Use warm soap and water. Dispose of containers in accordance with local and federal regulations.

## PRODUCT REMOVAL

**Concentrated Gel Stain** are chemically reactive concrete stains and can not be chemically stripped. A commercial floor sander, diamond grinder, or another similar mechanical machine is necessary.

## PRECAUTIONS AND LIMITATIONS

- ▶ **Concentrated Gel Stain** can freeze during storage. Storage in area between 50 F and 85 F recommended.
- ▶ All HVAC ventilation ducts should be somehow blocked prior to application so acidic fumes are not distributed.
- ▶ **Concentrated Gel Stain** are corrosive. Proper protection should be worn during application.
- ▶ It is not recommended to apply **Concentrated Gel Stain** over carpet, tile, and other types of floor adhesives.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **Concentrated Gel Stain** was designed for interior concrete and exterior concrete. Read below.
- ▶ Be aware that most green and blue colors of any acid stain brand may blacken in exterior applications.
- ▶ It is recommended to seal over **Concentrated Gel Stain** with UV Resistant coatings only.
- ▶ **Concentrated Gel Stain** may be diluted. Note, the higher the dilution rate, the lighter the outcome.
- ▶ Once acid stain is applied to bare, cured concrete, it is permanently there! Please Test prior to use.

## SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 615-773-1616.

- ◆ For color selection, please request a color chart.

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