



CERAFIN

PRODUCT DESCRIPTION

SIMIRON CERAFIN is a high gloss ceramic finish for smooth floors. This one-component treatment dries quickly and develops a hard barrier for protection. Cerafin provides UV resistance and is a great option for customers that want a gloss topcoat for a metallic system.

FEATURES AND BENEFITS

- High Gloss
- Very hard
- UV Stable
- Low Viscosity
- Easy to apply
- Isocyanate free

RECOMMENDED USES

- Restaurants & Bars
- Showroom Floors
- Residential Homes
- Schools & Universities
- Retail Shops
- Cafeterias
- Lobby/Waiting Areas

PRODUCT INFORMATION

Size / Finish

1 Gal Gloss

Item Number

40001223

TECHNICAL DATA

PHYSICAL DATA

Finish	Gloss
Color	Clear
Components	1
Recommended Film Thickness	1 - 2 mils (dry)
Solids by Volume	20%
Solids by Weight	19%
VOC (EPA Method 24)	< 100 g/L

THEORETICAL COVERAGE

3 mils (76.2 microns)	535 ft ² /Gal	13 m ² /Liter
-----------------------	--------------------------	--------------------------

CURE TIMES @ 72F (22C), 50% RH

Work Time	2 minutes
Tack Free	1 - 2 hours
Light Foot Traffic	3 - 4 hours
Full Cure	2 days



CERAFIN

PHYSICAL PERFORMANCE PROPERTIES

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Abrasion Resistance, Taber	ASTM D4060 (CS17 wheel, 1Kg load, 1000 cycles)	28 mg loss
Coefficient of Friction (Wet DCOF)	ANSI A326.3	.26
Hardness, Pencil	ASTM D3363	4H
Gloss at 60° Angle	ASTM D523	92 - 95
UV Resistance (100 hours in QUV)	ASTM G154	Ecmc = 5

SURFACE PREPARATION

This finish dries to a thin film and must be applied over a smooth system after proper surface preparation and prime to reduce outgassing. The dried film is not thick enough to cover debris, coating defects, or sanding swirls. The product was designed as a gloss option to topcoat metallic floor systems.

PREVIOUSLY COATED SURFACES:

This product is a topcoat, typically applied over an epoxy system. Clean surface to prevent any contaminants from being spread/redistributed to a greater area being prepared. To recoat the existing surface, the surface must be abraded by using an 80/100 grit sandpaper, diamonds, or Diamabrush. Be sure to sand the previous coating until no gloss is visible. Like wood preparation, additional sanding with finer grits will be necessary in order to prevent seeing sanding swirls through the finish. Vacuum and scrub or tack the area to remove all dust before topcoating.



CERAFIN

SAFETY AND TECHNICAL

Refer to the SDS sheet before use. Safety precautions must be strictly followed during storage, handling, and use. Personal Protective Equipment (PPE) should be worn at all times. PPE will include (but is not limited to): Safety glasses with side shields, high-quality nitrile gloves, and properly fitted NIOSH approved respirators. To acquire additional information or technical and safety data, please visit: www.simiron.com.

TEMPERATURE

Air	60° - 85°F	16° - 29°C
Surface	60° - 85°F	16° - 29°C
Material	60° - 85°F	16° - 29°C

Higher temperatures will shorten pot-life and working time.
Floor temperature must be at least 5 degrees over the current dew point.

APPLICATION EQUIPMENT

Assemble all required application equipment. Equipment will include (but is not limited to):

- Stir stick
- Microfiber pads and assembly

APPLICATION PROCEDURE

1. Mix material by hand using stir stick provided for 2 - 3 minutes.
Do not drill mix.
2. On a floor tacked to remove all dust, wet the microfiber pad with mixed material and pour a bead in front of the pad. The amount should be enough to keep pad wet and floor completely covered as the pad moves but not too much to lose material off the edges of the pad.
3. When turning and coming back parallel to the first run/path of applied finish, slightly overlap in order to prevent a dry line between passes.
4. To help prevent visual differences in application be sure to minimize the time between tie-ins.
5. Apply at 535 sq. ft. per gallon for best results.

The finish has a very short work time. Do not over work the material or attempt to rework previously applied finish in order to avoid application defects.

TECHNICAL ASSISTANCE

Information is available by calling SIMIRON
Toll Free: 1.866.515.8775 / +1.248.686.3600



CORPORATE OFFICE:
Simiron Inc
3000 Research Drive
Rochester Hills, MI 48309-3580
USA
(248) 686-3600 / (866) 515-8775

Disclaimer: All information provided by Simiron, Inc. concerning Simiron products, including but not limited to, any recommendations and advice relating to the application and use of Simiron products, is given in good faith based on Simiron's current experience and knowledge of its products when properly stored, handled, and applied under normal conditions in accordance with Simiron's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual conditions and other factors outside of Simiron's control are such that Simiron assumes no liability for the provision of such information, advice, recommendations or instructions related to its products. The uses of Simiron product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s).

Simiron reserves the right to change the properties of its products without notice. All Simiron product(s) are subject to its current terms and conditions of sale which are available by calling (866) 515-8775.

CLEAN UP AND DISPOSAL

Clean up mixing and application equipment immediately after use. Use acetone or xylene; do not use alcohol. Follow solvent manufacturer's safety instructions. Be sure to follow all local, state and federal regulations when disposing of materials.

MAINTENANCE

To maintain the appearance and extend the life of the newly sealed surface, it is imperative to have a routine maintenance program. Dirt and debris that is tracked over a finished floor will quickly scratch and dull the surface. Place walk-off mats at entrances. Sweep and mop/scrub floors regularly using soft bristles/pads and a mild cleaner. Some cleaning products and equipment or improper use of these can damage a surface. Remove spills quickly to minimize damage and/or stains. For systems that support parked vehicles or other heavy items on rubber wheels, place a small piece of nonporous material, such as sheet metal or plexiglass between the tires and floor to prevent tire marks. Reapplication may be necessary in heavy traffic areas.

LIMITATIONS

- ⚠ Do not drill mix.
- ⚠ Do not apply at temperatures and thicknesses not recommended.
- ⚠ Only apply to smooth surfaces.
- ⚠ Do not apply over loose or unsound concrete, asphalt or bitumen substrates, glazed tile or nonporous brick and tile, magnesite, copper, metal, polyesters, or elastomeric membranes.
- ⚠ Moving joints and shrinkage cracks may reflect through system. Joints that are designed to move may reflect through the finished flooring system if the are not honored.
- ⚠ Tire marking may occur.

SHELF LIFE AND STORAGE

12 months from date of manufacture when stored indoors in the original unopened container at 60°F - 85°F (16°C - 29°C) in a dry location with humidity below 65%

- ⚠ Do not allow materials to freeze.

LIMITED WARRANTY

SIMIRON warrants this product to be free from defect in the material that affects its performance for a period of one year (from date of purchase). SIMIRON will replace at no charge the quantity of the Coating that SIMIRON determines has failed to perform, as the sole and exclusive remedy for any breach of this warranty and/or any other defect or failure of the coating. Proof of purchase is required. Cost of labor for application of any product specifically is excluded. Warranty is void if Simiron products are mixed with or used in conjunction with materials that are substituted for Simiron products. Warranty is nontransferable.

PRODUCT DATA SHEET: 04/15/2025