

# Param SSL

semi self-leveling concrete topping

*(over gypsum / lightweight concrete toppings)*

## DESCRIPTION

Param SSL is Portland cement based semi self-leveling concrete topping when mixed with water produces a unique high strength flooring surface. It is designed to resurface existing concrete or any hard wearing surface like ceramic, vinyl tiles or gypsum based underlayments. Param SSL can be trowelled and burnished to create a smooth hand applied polished concrete floor. It is designed for residential and commercial interior spaces. Param SSL can be integrally colored with Colorfast or Dyes.

## ADVANTAGES

- Creates a real concrete look and feel
- Applied at only 1/8" thick – adds very little weight to the structure
- Can be integrally colored with Colorfast
- Achieves excellent results with chemicals stains (acid stains), dyes or water based stains
- Superior compressive strength, 5200psi

## SUBSTRATE REQUIREMENTS

- Clean the areas and remove all unsound concrete, grease, oil, paint, asphalt, tar and any other foreign materials that will inhibit performance.
- Substrates must be stable, solid and structurally sound.
- Substrate must be mechanically profiled by shot-blasting, sand blasting or scarifying to achieve a CSP 4 to CSP 5.
- For applications over cutback adhesive residue, wood surfaces, non-porous substrates such as terrazzo, ceramic and quarry tile, burnished concrete, epoxy coatings, painted surfaces and metal, please contact Düraamen's technical staff.
- Movable expansion or control joints must be reflected through Param SSL.
- Prior to priming allow surface to dry thoroughly to prevent dilution of the primer.
- On or below grade installation must have an efficient vapor barrier under the slab (min 10-15 mil).
- Moisture vapor transmission must be less than 3lb per ASTM F1869 and less than 80% RH per ASTM F2170 unless Düraamen moisture mitigation system is used.

NOTE: When removing existing flooring, any asbestos containing materials should be handled and disposed of in accordance with applicable federal, state and local regulations.

## INSTALLATION STEPS

### PRIMING

- Prime the substrate with CP1000, acrylic primer. It must be applied over entire substrate that is at least at 50°F.
- Apply with a garden sprayer and then spread with a broom or mop to assist complete coverage and penetration.
- At least two coats of primer are recommended allowing 6 to 8 hours between the coats. Porous substrate like gypsum based underlayments may need at least 3 coats of CP1000.
- An incorrectly primed surface may result in pinholes in Param SSL and cause accelerated and incomplete hydration.

### MIXING & INSTALLATION

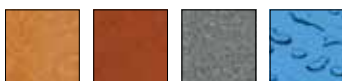
- Mix 4.6 liters of CP1000 with 1 bag of Param SSL. The water requirements may vary slightly depending upon the ambient temperature and humidity.
- Integral color Colorfast can be mixed with Param SSL. Adding more than 2 cups of Colorfast per bag of Param SSL may result in undesirable outcomes.
- The Param SSL is spread with 'Turbo Roller' and troweled with a flat concrete finishing trowel to get a smooth surface. If desired, Param SSL can be retrowelled after 20 – 30 minutes to remove the extra trowel marks.
- Param SSL will be ready for foot traffic in 18 – 24 hours. It may take 3 to 5 days before it is ready for heavy traffic. It is advisable to protect the floor while other trades are working on the floor. Never ever stick masking tape directly to the floor even it is sealed. The tape may peel of the sealer or leave a glue mark.

### SANDING OR BUFFING

Test the area prior to sanding to ensure Param SSL is sufficiently cured. Under normal drying conditions (70°F) wait at least 24 hours. Use #100 grit paper or mesh on a standard 17" electric floor maintainer. The sanding process will erase any light acrylic residue, and provide a polished concrete appearance.

## CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions.



## COVERAGE

Param SSL yields 60 – 80 ft<sup>2</sup> per bag at 1/8" thickness.

## AVAILABILITY

Param SSL is available throughout the United States and Canada. Contact Duraamen representative in your area for details.

## MAINTENANCE

### General Care and Maintenance Instructions:

[https://www.duraamen.com/site\\_media/media/servee\\_documents/Technical-Bulletin-2\\_1.pdf](https://www.duraamen.com/site_media/media/servee_documents/Technical-Bulletin-2_1.pdf)

If you have any questions that have been unanswered, please contact us at 1.866.835.6595

## TECHNICAL SERVICE

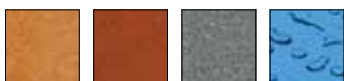
Duraamen Engineered Products Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

## TECHNICAL DATA

Flammability (ASTM E84)	
Flame Spread	0
Fuel Contribution	0
Smoke Development	0
Compressive Strength (ASTM C 109)	
28 days	4500psi
Mixing ratio	4.6liters CP1000 per bag
Coverage	60-80ft <sup>2</sup> @ 1/8" thickness
Packaging	40lb bag
Shelf life	6 months

## WARRANTY

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duraamen engineered products, inc.

20 Haypress Road, Suite 323 Cranbury, NJ 08512 | [duraamen.com](http://duraamen.com) | [info@duraamen.com](mailto:info@duraamen.com) | 1.866.835.6595