

# SILPRO

## R-2000 PRIMER™

Replaces SILFLO PRIMER  
For use with Self Levelers  
Pigment added for visibility after application

SILPRO, LLC / 2 NEW ENGLAND WAY / AYER, MA 01432-1514 / 800-343-1501 / 978-772-4444 / FAX 978-772-7456 / WWW.SILPRO.COM

Silpro R-2000 PRIMER™ is designed to bond self-levelers to various substrates such as concrete, wood, ceramic tile, and cement terrazzo. R-2000 PRIMER™ is a low odor, one time re-emulsifiable product.

### ADVANTAGES

- Water-based
- VOC Compliant
- Low Odor
- Not affected by the alkalinity of Portland cement

### SURFACE PREPARATION

Surfaces must be structurally sound and free from all bond-inhibiting materials such as dust, paint, oil, curing compounds, sealers, gypsum, and adhesive buildup and most residues.

**Concrete:** Concrete must be structurally sound, clean, and free from all bond inhibiting materials. Weak surfaces must be removed by mechanical means. All water soluble adhesive residue must be completely removed by mechanical means. Depending on which self-leveling product is used, all adhesive residues (both water soluble and non water soluble) may need to be removed by mechanical means. Refer to the data sheets for specific surface preparation instructions.

**Wood:** Surfaces must be free of any bond-inhibiting materials such as wax, paint, oil, adhesives, loose patches, etc. The subfloor must be 3/4" thick, A.P.A. classified type 1 exterior grade plywood or solid hardwood flooring. Spaces in joints should be filled with SKIMPRO™. All fastener heads must be flush or countersunk and the plywood should be rigid without any flex or bounce. Refasten any loose boards. Install 3.4 pounds per square yard, galvanized, diamond lath that is overlapped at least 2 inches on all sides then mechanically attached. Similar diamond lath may be approved by contacting Silpro. The lath shall be fastened every 6 inches on overlaps and have 8 inch centers starting from a floor joist.

**Ceramic Tile/ Quarry Tile/ Cement Terrazzo:** All waxes, sealers, and glazes must be removed. Depending on which self-leveling product is used, shot blasting or roughening the surface by mechanical means may be required.

### PRIMING

The primer must be dry to the touch before applying the self-leveling material. Optimal dry time is 3 hours, contaminants and dust on a job site will minimize bond. Maximum dry time should not exceed 48 hours. The primer dilution or modification will depend on the nature of the substrate.

Substrate	Primer Dilution with Water	Coverage 1 Gallon
Concrete or Wood	Dilute primer 1:1	350-600 sq.ft.
Porous, Absorbent Surfaces (self-leveling, porous concrete)	Apply the primer in 2 coats. Dilute the first coat 1:3 and the second coat 1:1 Allow the primer to dry between coats.	300 sq. ft. 1st ct 400 sq. ft. 2nd ct
Terrazzo, Ceramic Tile, Burnished Concrete	Dilute primer 1:1, and add 2-4 lbs of the Silflo powder to create a slurry coat to scrub into the surface	300 sq. ft.

Use CIE 100 EPOXY™ when there is a concern about existing cracks in the substrate, slab deflection, or potential for movement. CIE 100 EPOXY™ is the recommended primer for SILPRO toppings that will be polished.

### APPLICATION

Apply a thin even coat of R-2000 PRIMER™ by using a broom. Avoid leaving puddles.

### LIMITATIONS

- To determine the suitability of the substrate for adhesion of an overlay, install a 10'x10' test patch at the maximum designed thickness anticipated on the project and subject it to anticipated service conditions
- Do not allow R-2000 PRIMER™ to freeze in storage or before it is fully cured.
- Apply R-2000 PRIMER™ when air and surface temperatures are above 50°F and will not fall below that for 24 hours after application
- Do not let R-2000 PRIMER™ get wet prior to the application of self-leveler
- Do not allow R-2000 PRIMER™ to dry more than 48 hours after application prior to the installation of self-leveler

For Customer Service, Call Silpro at 1-800-343-1501

## PACKAGING

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1 Gallon jug (3.79 Liters)  
5 Gallon pail (18.93 Liters)

## STORAGE

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- Store in a cool dry place.
- Temperature should range between 50°- 80°F.
- Keep out of direct sunlight.
- Do not allow to freeze.
- Precondition to 65-75°F prior to using.

## SHELF LIFE

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18 Months

## GUARANTEE

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Please call **SILPRO**, LLC for copy of guarantee.

## CAUTION!

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SILPRO offers products that may contain cement, latex, epoxy, and other chemicals. Please review the Safety Data Sheet before the use of this product.

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