

# SILPRO

For Use With Silflo Self Levelers

## SILFLO PRIMER

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

**Silpro Silflo Primer™** is designed to bond **Silpro Silflo self levelers** to various interior substrates such as concrete, wood, ceramic tile, cement terrazzo, adhesive residues, and vinyl.

### ADVANTAGES

- Meets Federal and state VOC regulations.
- 48 hour open time.
- Water-based.
- Nonflammable.
- 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 **Silpro Silflo** 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 Silflo 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 ¾" thick, A.P.A. classified type 1 exterior grade plywood or solid hardwood flooring. Spaces in joints should be filled with **Silpro's Skim Pro**. 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. The lath shall be fastened every 6 inches on overlaps and have 8 inch centers starting from a floor joist.

### SURFACE PREPARATION CONTINUED

**Ceramic Tile/ Quarry Tile/ Cement Terrazzo:** All waxes, sealers, and glazes must be removed. Remove all glazes. Depending on which **Silpro Silflo** self-leveling product is used, shot blasting or roughening the surface by mechanical means may be recommended. Refer to the Silflo data sheets for specific surface preparation instructions

**VCT/Non-Cushioned Sheet Vinyl:** All waxes, sealers, and bond-inhibiting materials must be removed. Refer to the Silflo data sheets for specific surface preparation instructions.

### PRIMING

All surfaces must be primed with **Silflo Primer** prior to installing Silflo self-leveling products. The primer must be dry to the touch before applying Silflo. Maximum dry time should not exceed of 48 hours. The primer dilution or modification will depend on the nature of the substrate.

Substrate	Primer Dilution with Water	Coverage
Concrete	Dilute primer 1:2	350 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.	300sq. ft. 1st ct 400sq. ft 2nd ct
Terrazzo, Ceramic Tile, Burnished Concrete	Dilute primer 1:1, and add 2-4lbs of the Silflo powder to create a slurry coat to scrub into the surface	300 sq. ft.
Wood	Dilute primer 1:5	400sq. ft
VCT/Non-Cushioned Sheet Vinyl	Dilute primer 1:1 and add 2-4lbs of the Silflo powder to create a slurry coat to scrub into the surface	300 sq. ft.

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

## 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 **Silflo Primer** to freeze in storage or before it is fully cured.
- Apply **Silflo Primer** when air and surface temperatures are 50 F and will not fall below that for 24 hours after application
- Do not let **Silflo Primer** get wet prior to the application of Silflo self-leveler
- Do not allow **Silflo Primer** to dry more than 48 hours after application prior to the installation of Silflo self-leveler
- Do not allow **Silflo Primer** to dry on tools.
- Do not apply **Silflo Primer** on water-soluble adhesives.

## PACKAGING

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

## STORAGE

- 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

1 Year

## CAUTION!

Use with adequate ventilation. Avoid breathing concentrated vapors. The use of a NIOSH/MSA approved respirator, safety goggles, and protective gloves is recommended.

**See Material Safety Data Sheet for detailed information.**

**First aid:** Immediately flush eyes with plenty of water for 15-20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.

Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Spills and Disposal:** Absorb with cat litter, sawdust, or other absorbent material. Place in a covered container and dispose of in accordance with local, state, or federal regulations.

**FOR COMMERCIAL USE ONLY.**

**KEEP OUT OF REACH OF CHILDREN.**

**NOT FOR INTERNAL CONSUMPTION.**

In case of a medical emergency or for information regarding spillage clean up or disposal call INFOTRAC: 800-535-5053.

## GUARANTEE

Silpro LLC guarantees that their products are made of the finest raw materials under exacting care to produce products of the highest quality and will perform as stated when used in accordance with the manufacturer's printed instructions. Improper mixing, incorrect application or other factors beyond the control of the manufacturer may produce unsatisfactory results and can not be held to be the manufacturer's responsibility. Silpro accepts no responsibility beyond the purchase price of the Silpro product used. For further product information on **Silflo Primer** consult your local dealer or call Silpro LLC at: 800-343-1501; 978-772-4444; FAX 978-772-7456.

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