

# SILPRO

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## SILFLO PRIMER

Redispersible Bonding Agent

For Use with Silflo 230  
Self-Leveling Underlayment and  
Exposed Wearing Surface

SILPRO CORPORATION / 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 230 Self-Leveler to various interior substrates such as concrete, wood, ceramic tile, cement terrazzo, etc.

### ADVANTAGES

- Meets Federal and Massachusetts VOC regulations.
- 48 hour open time.
- Water-based
- Nonflammable
- Not affected by the alkalinity of Portland cement.

### TECHNICAL DATA

Report	Test Method	Test Age	Test Results
Slant Shear	ASTM C-1042*	14 Days	
	Type I		475 psi
Tensile Bond	2" metal disk direct	14 Days	310 psi

*\*Meets requirements of ASTM C-1059*

*Typical values for material cured at 70° F, 50% RH*

### SURFACE PREPARATION

**Concrete:** Surfaces must be clean and free of any loose or friable materials. All bond-inhibiting materials such as paint, oil, curing compounds, sealers, gypsum, adhesives, etc., must be removed by shotblasting or other mechanical means. In most cases cutback adhesive must be removed. Refer to the Resilient Floor Covering Institute on the use of the wet scraping technique. Polished floors must be shotblasted or scarified.

**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.

### SURFACE PREPARATION (CONT.)

Spaces in joints should be filled with Silpro's Pro Finish. 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 then mechanically attached. The lath shall be fastened every 6 inches on overlaps and have 8 inch centers starting from a floor joist.

**Cement Terrazzo, Ceramic Tile:** All waxes and sealers must be removed. Remove all glazes and roughen the surface by either shotblasting or other mechanical means.

### PRIMING

**For normal concrete surfaces and application thicknesses of Silflo 230 1/4 inch and above,** dilute Silflo Primer 1:1 with clean, potable water. Apply the primer and scrub it in with a soft push broom to saturate the surface and fill voids. Remove excess primer from the surface or brush out puddles. Allow the primer to dry to a clear film, a minimum of 3 hours and a maximum of 48 hours.

**For porous, absorptive concrete surfaces including self-leveling underlayments, and for thicknesses of Silflo 230 less than 1/4 inch,** prime with Silflo Primer diluted 2:1 with clean potable water and apply as above. Let this coat dry and apply a second coat of Silflo Primer diluted 1:1 with clean potable water. Do not leave any puddles of primer behind. Allow the primer to dry to a clear film, a minimum of 3 hours and a maximum of 48 hours.

**Note:** Inadequate priming can result in pinholes, especially for thin applications.

**For Plywood, Cement Terrazzo, Ceramic Tile:** Apply Silflo Primer full strength with a soft bristle broom. Allow the primer to dry to a clear film, a minimum of 3 hours and a maximum of 48 hours.

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' x 10' 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 230 Self-Leveler**.
- Do not allow **Silflo Primer** to dry more than 48 hours after application prior to the installation of **Silflo 230 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)

## COVERAGE

### Concrete:

250-300 sq ft/gal when diluted 1:1 with water.

### Wood, Cement Terrazo, and Ceramic Tile:

200-250 sq. ft./gal. undiluted.

## 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 70° F. +/- 5° 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 to 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 Corporation 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 Corporation at: 1-978-772-4444, 1-800-343-1501, FAX 1-978-772-7456.

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