

SILPRO

PRIME PATCH®

All-Purpose Flooring Patch
High Performance Formula
Calcium Aluminate Cement-Based
Qualifies for LEED points
Polymer-Modified
Fast-Setting

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

Silpro **Prime Patch**® is a one component, fast-setting, polymer-modified, all-purpose Calcium Aluminate cement-based patching and skimming compound. **Prime Patch**® has been developed for the successful flooring contractor who is interested in meeting demanding schedules without compromising quality. As a superior patching and skimming compound for use over concrete, tile, VCT, non-cushioned sheet vinyl, cement terrazzo, residual water-insoluble adhesive and cutback adhesive, and approved wooden substrates, **Prime Patch**® facilitates the same-day installation of floor coverings because of its ease of installation and short cure time of as little as 60 minutes.

USE PRIME PATCH® FOR

- Leveling and smoothing concrete, tile, VCT, non-cushioned sheet vinyl, cement terrazzo, residual water-insoluble adhesive and cutback adhesive, and approved wooden substrates prior to the installation of finished flooring like VCT, continuous vinyl flooring or other standard flooring products.
- Smoothing and patching cracks, holes, voids and depressions in suitable substrates.
- Embossing approved resilient flooring substrates

ADVANTAGES

- Short Cure Time - Floor coverings can be installed in as little as 60 minutes
- Delivers a true featheredge
- Can be built up to ½" (12mm) per application
- Mix with water*
- No priming necessary*
- High coverage rate
- Effortless Application
- Compatible with all floor covering adhesives

TECHNICAL DATA

Working Time at 70°F (21°C):	10-15 minutes
Drying Times before installing floor covering	60-90 minutes
28 Day Compressive Strength (ASTM C-109)	4100psi

*For approved substrates

SURFACE PREPARATION

Concrete: All surfaces must be completely cured, clean, and free of any loose or friable material. All bond-inhibiting materials such as paint, oil, curing compounds, waxes, sealers, gypsum, or any other material that may inhibit bonding shall be removed by shotblasting or other mechanical means.

Cut-back and Water-Insoluble Adhesive: The adhesive shall not contain ingredients that could migrate and cause bond failure. These adhesives should be removed to a minimum using the techniques recommended by the Resilient Floor Covering Institute.

Wood: Surfaces must be free of any bond-inhibiting material such as wax, oil, paint, etc. Prime the substrate with undiluted **C-21 All Acrylic**® just prior to applying the **Prime Patch**®.

Cement Terrazzo, Ceramic Tile: All waxes, sealers, and any bond-inhibiting materials must be removed prior to applying. Surfaces must be clean, sound, and free of standing or flowing water.

VCT and Non-Cushioned Sheet Vinyl: The VCT or Sheet Vinyl must be firmly bonded to the substrate and contain no more than 1 layer. All bond-inhibiting materials such as oil, waxes, sealers, or any other material that may inhibit bonding shall be removed. Lightly sand or otherwise abrade surfaces to dull finish.

MIXING

For Concrete: Mix 3 parts of powder with 1 part water by volume. This is equivalent to 1 gallon (3.8l) of water per bag.

For Water-Insoluble Adhesive Residue, Cut-back, Ceramic Tile, Cement Terrazzo, Wood and Embossing VCT and Non-Cushioned Sheet Vinyl: Mix 3 parts of powder with 1 part undiluted **C-21 All Acrylic**®. This is equivalent to 1 gallon (3.8l) of **C-21 All Acrylic**® per bag.

Mix-liquid temperature will significantly alter working time and therefore ambient liquid temperature is recommended. Do not mix more material than can be used in 10-15 minutes.

Slight adjustment of liquid content to optimize troweling is acceptable; however, caution is advised because over-watering will reduce product strength and increase drying time.

Add liquid to a suitable container and add the powder while mixing by hand or mechanical means to obtain a lump-free consistency. When hand mixing, stir vigorously to achieve a creamy, lump-free consistency in seconds. Drill mix at low speed, continually moving the paddle through the material.



APPLICATION

Apply **Prime Patch™** immediately after mixing with a steel trowel using sufficient pressure to fill defects and voids, create a smooth, flat surface, and featheredge the product to the subfloor. The product can be built up to 1/2 inch (12mm) to fill deeper depressions, contained areas, and transitions. All control and expansion joints must be carried through. Do not bridge them as they may crack later.

Note: For embossing VCT and non-cushioned sheet vinyl, fill embossed areas and let dry completely (approx. 60 minutes). Apply a second coat of **Prime Patch®** at a minimum of 1/32" (1mm) and let dry completely. Two coats allow water-based adhesives to perform correctly.

All flooring adhesives that adhere to concrete will bond to **Prime Patch®**. Working time is 10-15 minutes and may be extended by re-mixing. Do not add additional liquid as that will weaken product and extend drying time.

Clean up: Clean tools with water after use.

WAITING PERIOD BEFORE APPLICATION OF COVERING

Floor coverings such as VCT, sheet vinyl, and carpet may be installed as soon as **Prime Patch®** has sufficient strength for adhesive application and is completely dry. Depending on thickness and drying conditions, this could take as little as 60 minutes. Longer periods will be required for thick applications, cool substrates, or poor drying conditions.

LIMITATIONS

- For interior applications only.
- Apply only when surface and ambient temperatures will be 50°F (10°C) and above for 12 hours and maintain this temperature for 24 hours after application.
- Do not apply over metal, pressed board, or water-sensitive materials.
- Do not use in areas subject to standing water or continuous moisture exposure.
- All control and expansion joints must be carried through.
- Insure that the finished sub floor meets all flooring and adhesive manufacturers' specifications.

PACKAGING

25lb (11.4kg) bag

45lb (20.4kg) pail

COVERAGE AT 1/32" (1MM) THICKNESS

25lb (11.4kg) bag

100-140 square feet

45lb (20.4kg) pail

180-250 square feet

STORAGE

Store all products in a cool dry place. Temperature should range between 50-80°F (10°C-27°C). Keep out of direct sunlight. Precondition to 70°F (21°C) +/- 5° prior to using.

SHELF LIFE

1 year

CAUTION!

Silpro cement-based underlayments and repair mortars contain Portland cement and Crystalline Silica. Avoid contact with eyes and skin. Avoid breathing dust. Use with adequate ventilation. The use of a NIOSH/MSA approved dust respirator, goggles, and resistant gloves is recommended. In case of contact with eyes, flush with water for 15 to 20 minutes.

In case of contact with skin wash with soap and water. Get medical attention if irritation persists.

See Material Safety Data Sheet for detailed information.

FOR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION.

Dispose of in accordance with local, state, and federal regulations.

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 consult your local dealer or call Silpro LLC at: **800-343-1501; 978-772-4444; FAX 978-772-7456.**

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