

# SILPRO

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## RAECO GLIDE™

Underlayment and Finishing Compound  
One Component  
Polymer-Modified

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GLIDE™ is a very fast setting, self-curing™ ultrasmooth textured, high strength, single component, finishing compound intended for applications on vertical and horizontal surfaces. Consisting of calcium aluminate cements, GLIDE™ is an unsanded, polymer-modified, high-strength, cementitious skimming compound.

### USE RAECO GLIDE™ FOR

- GLIDE™ is designed for smoothing and patching floors and walls on projects where an ultra smooth surface is desired and when drying time is critical.
- GLIDE™ may be used over concrete, masonry, plywood, approved wood underlayments, terrazzo, tile/stone and cement backer board.
- GLIDE™ is intended for non-structural surface repairs on both interior or exterior floors and walls.
- GLIDE™ is optimally used for skim coats ranging from a true feather edge to 1/8" thickness, but may be used up to 1/2" inch.
- GLIDE™ can be installed up to 2" inches in small holes and well-defined divots.
- GLIDE™ may also be used by the professional to fill small hairline cracks and saw-cut joints.
- When used on floors, GLIDE™ is intended as an underlayment and should be covered with a suitable floor covering.
- For exterior wall finishes, sealing or painting GLIDE™ is not required. However, sealing will help to reduce the potential for surface efflorescence and penetration of stains.
- SILPRO recommends Quick Fix™, or one of our Self Leveling Underlayments for floor patches over 1/8".

### ADVANTAGES

- **Fast Setting:** allows quick installation of floor covering within 15-20 minutes
- No primer needed (Except over gypsum.)
- Exterior-rated
- **Adhesive compatible:** pH of 9 after 2 hours curing.
- Dimensionally stable and non-shrink formula
- Mixes with water only

### TEST DATA

Data shown is under controlled laboratory conditions. Variations due to job site conditions, temperature, humidity and other testing conditions may be experienced.

#### Mixing Water:

##### For skim coat applications:

2.5 quarts for 15 lb. (6.80 kg) pail

4.0 quarts for 25 lb. (11.34 kg) bag

##### For less than full pail:

Mix 2.5 parts powder to 1 part water

#### Compressive Strength (ASTM C 109): Air Cured

28 Days: 4200 psi

#### Flexural Strength (ASTM C-348):

28 Days: 1200 psi

#### Bond Strength (ASTM 3931):

28 Days: 800 psi

(when bonded to properly prepared concrete.)

#### Dimensional Stability/Shrinkage (ASTM C-1107):

.002% Expansion

#### Working Time:

7 minutes at 70°F (21°C)

#### Pot Life:

20 Minutes. Re-dispersible polymer allows the mixed product to be remixed 2-3 times, without any additional water. Remix the pail at 10-12 minutes.

#### Initial Set Time (ASTM C 191):

Approximately 20 minutes at 70°F (21°C)

#### Final Set Time (ASTM C 191):

Approximately 40 minutes at 70°F (21°C)

### SURFACE PREPARATION

For complete substrate preparation guidelines, see SILPRO Substrate Preparation Instructions.

**Concrete Floors:** Surface must be solid, completely clean, free of oil, wax, grease, sealers, curing compounds, asphalt, paint, dirt, loose surface material and any contaminant that will act as a bondbreaker. Weak concrete surfaces must be cleaned down to solid sound concrete by mechanical means. Acid etching or chemical cleaning is not acceptable. Expansion joints and all moving joints in the substrate must be honored through the applied underlayment.

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

## SURFACE PREPARATION CONTINUED

**Non-Porous Substrates:** Ceramic tile, terrazzo, quarry tile and stone must be solid, well bonded, clean and free of any bond breaking contaminate such as glazes, wax, oil, sealers etc.

**Cutback and Metal Substrates:** GLIDE™ may be used over a well-bonded, nonsoluble adhesive residue. Always conduct a water solubility test before applying any RAECO product. Old cut-back adhesive residues may contain asbestos; therefore NEVER sand the adhesive residue without confirmed testing from the building owner or project architect. If in doubt, please refer to the Resilient Floor Covering Institutes “Recommended Work Practices for Removal of Resilient Floor Covering” and guidelines for wet scraping old adhesives and floor coverings. GLIDE™ will bond to most ferrous steels, provided they are free of bond-breaking residues and rust-free. Some non-ferrous steel (such as stainless steel) may require an epoxy primer.

For additional guidance on preparing any of the above substrates, please contact SILPRO Technical Services at 1-800-343-1501.

## MIXING

Mix only enough GLIDE™ that can be placed and finished with in 10 minutes at 70°F. Higher substrate temperatures will cause the GLIDE™ to set faster and lower temperatures will extend set times. Smaller batches can be mixed at a 2.5 part powder to a 1-part water mix ratio. Always mix with water in a pail first, adding the powder second. A full batch can be mixed by adding 2.5 quarts water for 15 lb. (6.80 kg) pail, or 4.0 quarts water for 25 lb. (11.34 kg) bag. Mix with a 350 rpm minimum mixing drill and paddle to a lump free consistency. Do not over mix or entrain additional air into the product.

## APPLICATION

Use a steel finish trowel to place the GLIDE™ to a properly prepared substrate forcing the material into the voids. GLIDE™ must always be covered by floor covering. A test application is recommended.

**Thickness:** GLIDE™ can be installed from a featheredge to ½” in one application, and up to 2” in small well-defined areas, such as joints and holes.

## CLEAN UP

Use water to clean all tools immediately after use.

## CURING

GLIDE™ is self-curing. The normal process of concrete curing is not required. GLIDE™ is walkable in 20 minutes and will accept floor coverings in 20 minutes. GLIDE™ can be walked on and can accept floor coverings in as little as 20 minutes. Deeper patches and or cold temperatures may require additional dry time.

## CURING CONTINUED

**Note:** GLIDE™ is cement based; Hot temperatures above 80°F will greatly reduce working time, therefore use cold water. Do not place below 40°F (4°C). Do not allow to freeze and always protect from wind, direct sunlight. Do not use fossil fuel heaters in any space prepared for underlayment or floor covering. Do not mix with admixtures. Any questions, call SILPRO Technical Services at 1-800-343-1501.

## APPROXIMATE COVERAGE

10 lbs. (4.5 kg) covers approximately 28 ft<sup>2</sup> at a thickness of 1/8”. Skim coating varies from 150 to 275 SF per pail and depends largely on existing substrate profile.

## STORAGE

Always keep in cool/dry place unexposed to sunlight or water. Keep opened product resealed in container.

## SHELF LIFE

2 years

## PACKAGING

15 lb. (6.80 kg) pail and 25 lb. (11.34 kg) bag

## LIMITATIONS

- Do not install below 40°F (3°C) or above 90°F (32°C)
- Do not install in areas with constant or prolonged exposure to moisture.
- Not a wearing surface. Must be covered with flooring or a wear surface rated topping system.
- Do not over water, retemper, or add additional additives.
- Always install a test area to confirm suitability of GLIDE™ for the intended use. Assistance available from SILPRO Technical Services, 1-800-343-1501.
- Rely upon floor covering manufacturer for directions concerning maximum allowable moisture content of subfloor, adhesive selections and required flatness tolerances. If moisture tests are required, then they must be conducted PRIOR to installation of SILPRO underlayment products.
- GLIDE™ will not block pH or alkalinity migration. If pH tests are required, conduct the pH test on the existing substrate before installation of GLIDE™.

## CAUTION!

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

## GUARANTEE

Please call SILPRO, LLC for copy of guarantee.

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