PROFLEX®

SUPER GRIP

2026-05-11

1. PRODUCT NAME

PROFLEX® Super Grip

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

PROFLEX® SUPER GRIP bonding primer is a ready-to-use, low-VOC, polymer emulsion primer designed to enhance the bond of tile mortars and other adhesives to difficult substrates. Formulated with advanced bonding resins and fine aggregate, SUPER GRIP improves mechanical grip and chemical adhesion on a wide range of surfaces including smooth concrete, existing tile, gypsum, well bonded painted surfaces, and non-porous substrates. It reduces substrate porosity to help achieve a uniform application of setting materials.

PROFLEX® SUPER GRIP Primer is formulated for superior adhesion on a variety of challenging substrates prior to the installation of ceramic tile, stone, and other finishes. It combines the strengths of cement mix slurry coats and a high-solids latex emulsion primer for exceptional multi-surface compatibility and “ready-to-use” friendly characteristics.
Eco-friendly, solvent-free, primer for porous and non-porous substrates. Provides superior adhesion and is VOC compliant. Multi-surface bonding primer for concrete, wood, gypsum, and other substrates. Promotes adhesion and conditions substrates for cement mortars, patches and underlayment application.

Advantages

- Excellent adhesion to multiple substrates
- Single coat, ready-to-use, no dilution required
- Improves bond of mortar over challenging surfaces
- Quicker-drying formula
- Low VOC – LEED v4.1 compliant
- Interior and exterior applications
- Enhances adhesion by creating a textured surface on smooth or low-porosity substrates for mortars and leveling compounds
- Use as primer for use with Proflex self-leveling underlayments
- Tints surface for visual coverage identification

Uses

- Suitable for interior and exterior wall and floor applications.
- Concrete (smooth, burnished, or old)
- Prepping concrete, cement backer board and other substrates
- Gypsum board, exterior grade plywood (interior dry areas only)
- Renovation projects over existing tile, terrazzo, natural stone, or non-porous surfaces
- Reduces Substrate Dusting & Porosity: Improves mortar cure and performance.
- Fast Drying: Allows quick turnaround time for subsequent installations
- Improved Adhesion: Creates a strong bonding surface for mortars, thin-sets, patches, self-levelers, and adhesives.
- With resilient flooring bond over vinyl composition tile (VCT), scraped-down adhesive residue

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FEATURES AND BENEFITS	RECOMMENDED USES	APPLICATION
• Excellent adhesion to multiple substrates • Single coat, ready-to-use, no dilution required • Improves bond of mortar over challenging surfaces • Quicker-drying formula • Low VOC – LEED v4.1 compliant • Interior and exterior applications • Provides semi-textured bond excellent over smooth or low-absorptive substrates with polymer-modified mortars, render coats and leveling compounds. Use as primer for use with Proflex self-leveling underlayments • Tints surface for visual coverage identification	• Suitable for interior and exterior wall and floor applications. • Concrete (smooth, burnished, or old) • Prepping concrete, cement backer board and other substrates • Gypsum board, exterior grade plywood (interior dry areas only) • Renovation projects over existing tile, terrazzo, natural stone, or non-porous surfaces • Reduces Substrate Dusting & Porosity: Improves mortar cure and performance. • Fast Drying: Allows quick turnaround time for subsequent installations • Improved Adhesion: Creates a strong bonding surface for mortars, thin-sets, patches, self-levelerss, and adhesives. • With resilient flooring bond over vinyl composition tile (VCT), with scraped down adhesive residue • Easy Application: Water-based, easy to apply with roller or brush.	**Surface Preparation** All surfaces must be structurally sound, dry, clean, and free from contaminants including dust, dirt, oil, grease, loose paint, drywall, and curing compounds. **Application Instructions** 1. Stir product thoroughly before use. 2. Apply using a roller or brush to achieve a thin, even film.

Packaging: 1-gallon (3.8 L) pail; 4 pails per carton; 45 cartons/ pallet (180 units total)

Coverage: Approximate coverage is 100–130 ft²/gallon (9.3–12 m²/3.78 L). Coverage may vary depending on substrate roughness, surface conditions, and application method (roller or brush).

Limitations

- Do not use on wet or actively leaking surfaces
- Do not apply for over wet areas or water immersed areas (such as pools, spas, fountains, steam showers and etc.)

- Do not use in areas subject to hydrostatic pressure.
- Not intended for use as a finished or wear surface.
- Not for use over oil-based or alkyd paints
- Do not apply below 50°F (10°C) or above 80°F (35°C)
- Concrete substrate moisture vapor emissions rate (MVER) must be below 5 lbs. per 1,000 sq. ft. (2.3 kg per 92.9 m^2) per 24 hours. Test surface using a calcium chloride test (ASTM F1869) to ensure to be within range.
- All surfaces or substrates must be free of bond-inhibiting materials, such as curing compounds, dust, oils, silicones, and other contaminants

4. TECHNICAL DATA

Property	**Proflex Super Grip** Typical Results
Base	Acrylic polymer dispersion
Color	Milky gray (dries opaque gray)
Consistency	Paintable liquid with fine aggregate
Coverage	100-130 ft²/gallon (9.3-12m²/3.78 L).
Dry Time	1-2 hours (varies by substrate & conditions)
VOC Content	< 50 g/L (meets SCAQMD Rule 1113)
pH	Approx. 8.5–9.5
Density	Approx. 12-13 lb/gal
Shelf Life	1 year if unopened, stored properly, avoid freezing

5. INSTALLATION

Substrate Preparation:

All substrates must be structurally sound and free from any contaminants that may inhibit bond, including oil, grease, dust, paint, sealers, floor finishes, curing compounds, adhesives, etc. Weak or contaminated surfaces must be mechanically removed. (See Cleaning Notes below) Mechanically prepared surfaces must support a minimum adhesion strength of 150 psi (1 MPa) when tested per ASTM D7234 (tensile bond test). Substrate temperature shall be a minimum of 50°F (10°C) during application and air maintained between 50-90°F (10-32°C). Adequate ventilation should be provided.

Ceramic tile and stone tile can be installed over clean, dry, structurally sound, rigid, and well-bonded painted surfaces, including concrete, cementitious backer units (CBU or cement board), and exterior-grade plywood.

Other flooring (except ceramic tile and stone tile) can be placed over oriented strand board (OSB),well bonded & scraped adhesive* residue (except tacky or pressure- sensitive adhesive), cold-rolled steel, existing VCT, LVT or non-cushioned sheet goods, provided they are single layer only and tightly bonded to an approved substrate per the flooring manufacture's requirements. Gypsum-based substrates must have a minimum tensile bond strength of 150 psi (1 MPa).
For specific recommendations on other substrates, please contact your PROFLEX representative.

*NOTE: Mechanical removal of cutback adhesive by sanding, grinding or blasting can be hazardous since old cutback adhesive may contain asbestos. Harmful dust may result. Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Consult all applicable government agencies for rules and regulations concerning the removal of floorings and adhesives that contain asbestos. Tacky or pressure-sensitive adhesive must be mechanically removed by a method such as shot blasting.

Concrete curing compounds:
for use over concrete treated with silicate or acrylic resin curing compounds only. For silicate types, remove all residual salts. Install sample test areas to evaluate bond strength. Samples must achieve a minimum ≥ 150 psi (1 MPa) tensile bond strength. Petroleum based or wax emulsions and dissipating curing compounds are unacceptable and must be removed by mechanical means, such as shot blasting.

Surface Evaluation and Preparation Guidelines
CONDITION 1: Surface coatings and/or contamination such as gypsum plaster, joint compound, paint and adhesive.

Evaluation: Inspect the surface and identify the type and location of any contamination.

Preparation: Remove all loose material and debris by scraping. Then use an appropriate cleaning method for the type of coating or contamination.

• For gypsum plaster and joint compound — Scrub with warm water and detergent to remove any remaining material. Thoroughly rinse off all residue and allow concrete to dry prior to application of any PROFLEX® materials.
• For paint — Chemical strippers should not be used. They may leave a residue or be absorbed into the concrete and later migrate into the surface and cause a bond failure. Paint not easily scraped off should be mechanically removed.
• For adhesive — Remove all adhesive from the surface, then remove the layer of adhesive-contaminated concrete by mechanical means.

CONDITION 2: Weak top layer (called laitance) or damaged concrete such as spalling, scaling, delaminating or crumbling.

Evaluation: Scrape the surface with a knife blade. If this produces a fine powder, laitance is present. Use a hammer or other heavy object to sound out weak or hollow areas. Note the areas that are weak or damaged.

Preparation: All weak or damaged concrete must be mechanically removed. Do NOT acid wash or etch concrete because it is difficult to fully remove contaminants and properly neutralize. Acid can penetrate into the porous concrete and chemically, weaken the substrate. Acid washing will not remove grease or oil.

CONDITION 3: Curing Compounds/Sealers

A) Broom finish or Steel troweled finish (non-glossy).

Evaluation: Apply water droplets onto the surface. If the droplets are not absorbed within 60 seconds, then the surface was treated with a curing compound/sealer or is contaminated.

Preparation: The sealed or contaminated layer of concrete must be removed by mechanical means.

B) Burnished finish (glossy surface)

Evaluation: SUPER GRIP Primer can often be applied over burnished concrete without mechanical preparation. For glossy burnished concrete surfaces, apply test areas to confirm bond strength of at least 150 psi when tested per ASTM D7234 (tensile bond test).

Preparation: Glossy/burnished concrete surfaces that do not provide bond strength of 150 psi must be mechanically prepared or removed.

CONDITION 4: Final Surface Preparation - removal of dirt and dust.

Evaluation: Wipe the surface with a clean dark cloth. If powder is visible on the cloth the surface is not clean enough. Note the areas that were not clean enough.

Preparation: Always use a two-step method to remove surface dirt and dust.

First use a dry clean broom and sweep the entire surface. Do not use oil or wax based sweeping compounds. They can leave a film on the concrete surface that will prevent a proper bond.

The second step should consist of one of the following:

• Vacuuming — use a heavy-duty industrial type of vacuum to provide a dust-free surface. It may also be necessary to follow vacuuming with a damp sponge wipe to remove residual surface dust.
• Water cleaning — use water with sufficient pressure to remove dust and dirt. When necessary, scrub with a stiff bristled brush. Remove all wash water and allow the surface to dry completely.
• Detergent water cleaning — using a stiff bristled brush or broom, scrub the entire concrete surface with a cleaning product intended for concrete or a solution of at least 4 ounces (113 grams) of trisodium phosphate per gallon (3.78 L) of warm water. Before the surface dries, thoroughly flush the concrete with clean, potable water to remove all wash water and residue. Allow concrete to thoroughly dry prior to application of any PROFLEX ® products.

Storage and Shelf Life Store the product in a dry, covered area between 40°-90°F (4°-32°C), Shelf life of up to 12 months from production date stored, cover protected from freeze and extreme temperatures in original, factory sealed containers.

Mixing Shake or stir well before use. PROFLEX® SUPER GRIP primer is ready to use directly from the container. Use as supplied—do not dilute or add any liquids or solvents.

The substrate and product should be maintained at 50°–70°F (10°–21°C) for at least 24 hours before, during, and 48 hours after application.

Application
Apply using a brush or short-nap roller for non-porous surfaces, or a soft-bristle broom for porous surfaces, to achieve a thin, even, and continuous film. Do not allow the product to puddle, pool, or be applied in thick coats.

Curing
Approximately dries in 1 to 2 hours under ideal ambient conditions PROFLEX® SUPER GRIP dries from a milky, light-gray color to a solid, opaque gray finish. Cure times are based on 70°F (21°C) and 50% RH. Colder temperatures and/or higher humidity will extend cure times.

To verify the product is fully dried, rub surface with fingertip to ensure the coating is firm and does not move. Check periodically (every 30 minutes) until the surface is fully set. Avoid excessive foot traffic and surface contamination.

Clean-up Clean tools and equipment with water. Do not let PROFLEX SUPER GRIP harden on tools or unwanted surfaces. If it does harden, remove mechanically.

6. AVAILABILITY

PROFLEX® Products are available nationwide.
To locate PROFLEX® products in your area, please contact:
Phone: 877-577-6353
Website: www.proflex.us

7. WARRANTY

PROFLEX® Products, Inc. offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical services at 877-577-6353 or visiting www.proflex.us

8. MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Technical assistance
Information is available by calling the Technical Support
Toll Free: 877-577-6353
Fax: 863-937-9624
Technical and safety literature: To acquire technical and safety literature, please visit our website www.proflex.us

10. FILING SYSTEM

Division 9