



## PROSURFACER

### Bond, Broom, Trowel, and Squeegee Coat

**DESCRIPTION AND BASIC USE:** Proline **Pro-Surfacer** is a just-add-water, high strength, polymer concrete overlay. This dynamic cementitious blend is designed to restore, repair, and resurface old, stained, and cracked concrete. **Pro-Surfacer** can be applied by trowel, squeegee, or broom to provide the desired texture or finish. It is also used as a bond/base coat prior to **Pro-Stamp**, **Pro-Texture**, and **Pro-MicroTop** applications. Transform, renew, and restore unsightly concrete with **Pro-Surfacer**.

**TYPICAL APPLICATIONS:** Driveways, sidewalks, patios, pool decks, parking garages, warehouse floors, garage floors, walkways, bridges, highways, masonry walls or any other horizontal or vertical surfaces needing thin concrete restoration.

**STORAGE:** Store in a dry, covered area. Avoid moisture and direct sun.

**COVERAGE:** 50 LB. bag covers between 100 – 250 sq.ft. depending on application thickness. For most applications coverage is 200 sq.ft. per bag. Recommended thickness between 0" - 1/8"

**BENEFITS:**

|               |                  |                           |
|---------------|------------------|---------------------------|
| ▶ Durable     | ▶ Tenacious bond | ▶ Slip Resistant          |
| ▶ Stainable   | ▶ Flexible       | ▶ Salt/Ice melt resistant |
| ▶ Fast drying | ▶ Easy to use    | ▶ Cost effective          |

**COLORS:** GRAY – to match existing concrete  
WHITE – to be stained, dyed, or integrally colored with ProColorPacks.

**MOISTURE VAPOR:** All concrete floors not poured over a proper moisture barrier are subject to possible moisture vapor transmission or hydrostatic pressure problems. These problems can cause a coating system to blister or fail. Before applying a coating system over a concrete floor which is on-grade or below grade, a moisture test is recommended to ensure that moisture content meets industry recommended standards.

**SURFACE PREPARATION:** Newer concrete should be at least 28 days old. The surface must be free of dust, dirt, oil, grease, paints, glues, sealers, or any other contaminant that may serve as a bond breaker. It should also have a porous, textured profile comparable to 60-grit sandpaper or rougher. Popular methods of surface preparation are grinding with 20-30 grit metal diamond discs, shot blasting, or pressure washing with a turbo-tip in conjunction with Proline's **Dura-Clean** and **Dura-Etch** products. For commercial and industrial indoor projects, grinding or shot blasting is required to prepare the surface.

**CRACK AND PATCH REPAIR:** For spalled concrete with voids greater than 1/8" thick, fill these areas using **Pro-FastPatch** and feather smooth. For pits and voids less than 1/8" and for non-moving/shrinkage cracks, fill these with ProSurfacer and feather smooth. For treatment of moving/structural cracks, please refer to Proline's Crack Repair System technical data sheet.



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**MIXING INSTRUCTIONS:** **Pro-Surfacer** is a just-add-water mix. For a dryer, thicker mixture add 1 gallon (3.8 liters) of water to a 5 gallon pail. For a wetter, thinner mixture add 1.5 gallons (5.7 liters) to a 5 gallon pail. Using a drill mixer, slowly add and blend the **Pro-Surfacer** bag mix with the water. Mix thoroughly for 3 minutes. For smaller batches, mix 3 parts **Pro-Surfacer** with 1 part water and adjust to desired consistency. When integrally coloring the **WHITE Pro-Surfacer**, blend 2 ProColorPacks per sack with the desired water for 2 minutes prior to adding the **Pro-Surfacer**. Option - the colored water mixture can be strained through a nylon paint strainer prior to blending with **Pro-Surfacer** to prevent occasional pigment streaking.

**APPLICATION: Recommended** - Ambient temperature should be 40°F (4°C) or above during application and curing. If the concrete is at or below freezing, heating up the concrete is recommended prior to product application. If the water in the mix freezes prior to drying, product integrity will be compromised.

Using a 3/8" nap roller or pump up sprayer, prime the surface to be coated with **Pro-Bond Polymer Concentrate** diluted 1 to 1 with water. Wait 10 – 15 minutes until **Pro-Bond** dries clear, and then lightly spray the surface with water (no puddles). Pour **Pro-Surfacer** in a row and use a trowel or squeegee to spread the material back and forth as thin and evenly as possible. Imperfections such as ridges, trowel marks, or drips can be shaved off within 20-40 minutes of application depending on ambient temperatures. When coating or leveling a rough surface, spread the **Pro-Surfacer** with a stiff bristle broom followed by a hand trowel, metal edge squeegee, or broom. If a broom finish is desired, apply **Pro-Surfacer** as a basecoat to even out the surface and let dry. Then repeat the steps for a second coat, and right behind the squeegee or trowel, drag a fine or medium concrete finishing broom over the material. The thicker the consistency of the mix the rougher the broom texture will be. For best results, pull the broom toward you and use spiked shoes when walk-ing in the material. **Pro-Surfacer** can also be applied in various textures using a trowel or other finishing tools.

**COLORING:** For a uniform colored finish **Pro-Surfacer** can be colored with **Pro-Stain**. For a mottled or variegated finish **Pro-Surfacer** can be stained with **Dura-Accent** or **Dura-Stain**. **Pro-Surfacer GRAY** is meant to be used to match existing gray concrete or where no coloring is desired.

**SEALING:** **Pro-Surfacer** is a porous concrete material and should be sealed. It is best to wait a minimum of 6 hours in warmer weather or the next day in cooler weather before sealing **Pro-Surfacer**. The following sealers are recommended over **Pro-Surfacer** –

**Eco-Seal, Dura-Seal, Dura-Thane.** Read sealer technical data sheets to determine suitability for specific applications.

**CLEAN UP:** Before **Pro-Surfacer** dries, tools and spills can be cleaned with water. If **Pro-Surfacer** dries it can be removed by a grinder. A hammer works well for dried material on tools.

**WARRANTY:** This product is not for public use and is intended for use by licensed contractors, experienced and trained in the use of these products. It is warranted to be of uniform quality within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the affects or as results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.