

## 1. PRODUCT NAME

PSP

## 2. MANUFACTURER

Proflex Products, Inc.  
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## 3. PRODUCT DESCRIPTION

PROFLEX® PSP (Pro Stick Patch) is a multi-purpose cementitious floor patching compound and skim coat. PSP is a polymer modified product that is capable of being used as a skim coat or patch by simply adjusting the liquid to powder mix ratio. PSP is an "All Purpose" material for the installer who requires product consolidation without giving up quality and performance. PSP also is designed to give maximum pot life, and regains workability by simply remixing without additional water.

### Advantages

- Ready to mix product
- High strength for a variety of applications
- Fast drying
- High compressive strength
- Feather edge to 1/2"

### Typical Uses

Provides a patching compound for interior uses with extended pot life. PSP may be used over dry concrete. PSP can also be used to install wood underlayment such as exterior grade plywood when mixed with Liquid Latex in lieu of water. PSP can be used on, below, or above grade concrete surfaces horizontally or vertically. For repairing interior sub-floors from a perfect feather edge to 1/2". Application of two layers recommended for greater thickness up to 1". For preparation of any concrete surface; rough, unlevelled, unfinished or burnished prior to installation of floor coverings. Compatible with most floor covering, ceramic tile, epoxy and polyurethane adhesives including dry set mortars used to complete the installation.

### Suitable Surfaces

- Concrete
- Cement Mortar Beds
- Cement Terrazzo
- Exterior Grade Plywood (when mixed with Liquid Latex in lieu of water) (*see installation guide*)
- Backer boards (*see installation guide*)

### Coverages and Packaging

35 lb. container, 36 Containers per Pallet

- 375 - 415 sq. ft. as a skimcoat / 35 lb.
- 30 - 40 sq. ft. at 1/8" / 35 lb.

Coverages are approximate.

### Additional Information and Product Limitations

This product is intended for interior use only. Follow proper underlayment quality guidelines recommended by the floor covering manufacturer. Do not use to level large areas; use PROFLEX® SLU or DPU underlayment. Do not use on floors where excessive moisture, alkali, or hydrostatic pressure is present. Prior to the installation of adhesive applied flooring products, we highly recommend conducting a calcium chloride moisture test on concrete slab on or below grade. If test results show the moisture exceeds 3.0 lbs. Per 24 hours Per 1000 sq ft as tested using the Calcium Chloride test ASTM F1869, consult the floor-covering manufacturer for their specific recommendation. Do not use over expansion and control joints. Do not use as a concrete resurfacing material that will be left exposed. Do not apply directly over gypsum-based materials. Do not use over lightweight concrete or other lightweight materials with low compressive and surface strengths. Do not use over metal, presswood, or flakeboard substrates. Do not use as an embossing leveler over cushioned vinyl or perimeter bonded sheet goods. Do not use to encapsulate cutback adhesive over heated floors.

**Caution**

This product contains crystalline silica, inhalation of which can cause injury to lungs, silicosis (lung disease), and cancer, with long term repeated overexposure.

**First Aid**

**Skin** – Immediately wash affected areas thoroughly with soap and water.

**Eyes** – Immediately flush with water for 15 minutes. Seek immediate medical attention.

**Inhalation** - Inhaling fine dusts during mixing of product can cause coughing and irritation to the upper respiratory system.

**Ingestion** - Do not ingest as this material hardens when wet and may cause gastric distress and obstruction. If ingestion occurs contact a physician immediately.

**4. TECHNICAL DATA**

		Results
<b>Pot Life</b>	@ 73°F/22.5°C	10 - 15 minutes
<b>Drying Time</b>	@ 73°F/22.5°C	40 - 60 minutes, depending on thickness and ambient conditions
<b>Initial Set</b>	@ 73°F /22.5°C	15 - 30 minutes
<b>Final Set</b>	@ 73°F /22.5°C	45 - 60 minutes
<b>Color</b>	-	Gray
<b>Compressive Strength</b>	ASTM / C109	4 hours: 1200 PSI 28 Days: 4500 psi
<b>Installation of Floor Coverings</b>	-	60 minutes or when product is dry

**5. INSTALLATION**

**Preparation**

All surfaces of any kind must be clean, solid, and free of dust, oil, grease, curing compounds, paint, dirt or any loose substance that might break the bond. All concrete subfloors must be of adequate strength and completely cured. Acid etching is not acceptable. No primer is required. When applying over existing ceramic tile remove any coatings or sealers from the surface of the tile and grout. Abrade the tile surface using a belt sander at low speed and remove the remaining dust. All non-porous substrates must be clean, free of any dressings and sealers. Mechanical sanding and/or scarifying of all very smooth surfaces is highly recommended. All wooden sub-floors must be free of dust or any foreign particles and structurally sound with no movement. If necessary sand the surface to bare wood and vacuum thoroughly. All adhesive residues, including cutback adhesive from existing floor covering must be scraped off to ensure a maximum thickness of not more than a thin, well-bonded residue. After scrapping remove all loose matter.

**Mixing**

**For patch application:** 5 ½ quarts water to 35 lb. pail

**For skim coat application:** 6 ¼ quarts water to 35 lb. pail. Mix volume three (3) parts powder to one (1) part water. The water should be clean with a temperature maximum of 70°F. Powder should be maintained at room temperature. Place the water in a container first, and then add the powder, while slowly mixing using a low speed mixer. Mix to a smooth, lump-free consistency. Over-mixing or high speed mixing should be avoided. Workability varies with temperature. If some thickening occurs the pot life can be extended and workability regained by remixing. (One Time) Never add water to recondition.

**Application**

PSP is easily applied using a steel flat-edge trowel. Use enough pressure to fill all voids and defects. Due to its consistency PSP can be feathered into any sub-floor surface to the desired degree of smoothness. When mixed with water PSP can be installed from a featheredge up to ½” thickness. The patched area can be covered with the respective floor covering once the product is completely dry. After it starts stiffening in the container product can regain workability if remixed. Do not add additional water when remixing. Protect the patched area from drafty conditions and excessive heat during the drying stage. Wash hands and tools with water immediately after application.



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#### **6. AVAILABILITY**

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

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](http://www.proflex.us)

#### **10. FILING SYSTEM**

Division 9