

**SKIMCRETE® PSK (POLYSKIM®)****DESCRIPTION**

POLYSKIM® is a premium gypsum based skimcoat designed for use over gypsum concrete, wood, and other surfaces. POLYSKIM is a one component system, reducing installation time. POLYSKIM's polymer modified formula allows for a creamier feel under the trowel, enhanced bond, and superior dry time.

**APPLICATIONS**

- Fast track gypsum concrete
- Fast dry skimcoat over wood

Using DEPENDABLE's ACRYLIC EMBOSSING ADDITIVE™, POLYSKIM is a self-priming material that can cover metal.

**FEATURES AND BENEFITS**

- Smooth feel on the trowel
- Fast drying
- Latex pre-mixed in product, one component system
- Great for gypsum concrete repair

**LEED CREDIT**

AREA	CREDIT	CATEGORY	HOW
Indoor Environmental Quality	EQ 4.2	Low Emitting Materials	Zero VOC
Materials and Resources	MR 4.1-4.2	Recycled Content	0%
	MR 5.1	Regional Manufactured Material	Cleveland, OH

**PREPARATION AND APPLICATION****SURFACE PREPARATION**

All supporting surfaces shall be structurally sound, solid, free of movement and well bonded. Make sure underlying surface is free of moisture and clean of any contaminants such as dirt, wax, paint, sealers, adhesive, chemical residue, oil products or foreign matter that may interfere with a proper bond. When a proper bond is in doubt, perform a test patch in an inconspicuous area. Do not proceed if dissatisfied with bond and contact Technical Services.

Honor all moving joints. Complete crack and substrate repairs prior to installation. Moving cracks or joints filled with Polyskim may reflect through finished floor. Consult an engineer for required joints and crack repairs prior to installation; if the cracked substrate is gypsum concrete, consult Dependable Technical Services on the suitability of Consolocrete. Maintain a minimum of 50°F during the application and for 72 hours after installation. Acclimate the material to a minimum of 50°F prior to mixing.

**Concrete Floors**

Remove all foreign matter by mechanical means. Floor must be free of efflorescence and excess moisture. To check moisture, test with a calcium chloride test (ASTM F1869-09), or relative humidity (insitu probe) test (ASTM F2170-09). To correct moisture problems, see DEPENDABLE's moisture protection products.

**PACKAGING**

- 25 lb (11.3 kg) double wall bag

**PHYSICAL CHARACTERISTICS**

**Working Time:** About 20 minutes

**Setting Time:** About 30 minutes

**Compressive Strength:** 4000 psi (28 MPa)

**Coverage per bag:** Feather: 132 sq./ft.

1/4" : 16 sq./ft.

1" : 4 sq./ft.

**Thickness:** Feather edge to 1 inch (22 mm)

**Mix Ratio:** 5.5 qts. of water to 25 lb. bag approximately

**Application Conditions:** Interior or sealed exterior, above 50°F (10°C)

**Color:** White

**Admixtures:** Potable water and acrylic embossing additive

*All specifications were tested in laboratory conditions: 70° in a controlled environment using our approved water content. Changing the temperature, or mixing ratios, or the environment can effect these specifications. Call Technical Services if you have any questions.*

## PREPARATION AND APPLICATION Continued

### Gypsum Subfloors

Gypsum subfloors must be swept and cleaned prior to installing Polyskim. It is strongly recommended that every gypsum subfloor is checked for porosity prior to installing Polyskim. If the gypsum subfloor is extremely porous, a coat of Primer A should be applied to ensure a strong bond. Mix Primer A 3-1 with water, and apply to the substrate with a soft tipped bristle broom.

### Wood Floors

Ensure wood floors are free of movement and excessive moisture. Fasten any loose boards. Stripwood floors should be covered with underlayment grade quality board.

### Adhesive Residue

Using mechanical means, remove loose, brittle or thick/heavy accumulations to a well-bonded residue. Sweep or vacuum area. Prime residue with DEPENDABLE ACRYLIC EMBOSSING ADDITIVE and allow to become nearly dry and tacky. Caution: Cutback adhesive may contain asbestos. Contact state or local authorities for proper removal and disposal procedures.

### MIXING

After preparing the surface, use a clean mixing container. Add approximately 2-1/2 parts POLYSKIM into 1 part cool clean water. Mix thoroughly to a lump free consistency. Mixture will remain workable for 15 minutes. Do not mix more than you can place within 20 minutes. Do not attempt to extend pot life by later adding additional water. Avoid floor mixing. Always use clean containers and mixing implements as leftover residue can accelerate the chemical reaction and/or reduce pot life of new mix.

### APPLICATION

Using a smooth flat trowel, force POLYSKIM into joints, cracks, voids and deeper fills bearing down on the trowel. Smooth a thin covering over the prepared substrate and build any thicker fills or transitions to over 1 inch thick. Allow the POLYSKIM to dry completely before going over the surface with a second application if needed. When dry, scrape or sand smooth for a perfect finish.

**Adhesive Residue** – Apply POLYSKIM mixed with ACRYLIC EMBOSSING ADDITIVE at a mix ratio of 2 parts POLYSKIM to 1 part ACRYLIC EMBOSSING ADDITIVE over primed adhesive residue.

### LIMITATIONS

#### Do not use...

- Where hydrostatic pressure (water) exists or moisture emissions exceed level permitted for installing floor covering. POLYSKIM can tolerate any amount of moisture from a concrete slab so long as all of the moisture from the slab will escape past the floor covering. If the floor covering's moisture permeability does not meet or exceed the moisture content of the slab, Dependable recommends moisture remediation. Use Dependable's Vaporseal HM, or an approved alternative, to remediate moisture in concrete, consult the Vaporseal HM data sheet, or call technical services, for more details.
- Where surface or ambient temperature falls to or below 50°F within 72 hours of installation
- Over presswood, particle board, masonite, chipboard, OSB, underlayment board not of APA Underlayment (exterior) grade or similar dimensionally unstable materials susceptible to movement or swelling.
- Over single layer stripwood floors.

**24 HOUR EMERGENCY: CHEMTREC® 1-800-424-9300**  
**NON-TOXIC and NON-FLAMMABLE**

**CAUSES SKIN IRRITATION. INJURIOUS TO EYES.** Contains standard portland cement and silica. Do not breathe dust. Dust can cause delayed lung injury (Silicosis). Use in a well ventilated area or wear a properly fitted NIOSH/MSHA approved respirator. Avoid eye contact. In case of eye contact, flush with water a minimum of 15 minutes. Consult a physician immediately. Avoid prolonged contact with skin. Wash thoroughly after handling.

Keep container closed and keep away from children. May cause slight eye abrasion or irritation if spilled or rubbed in eyes. Flush thoroughly with water. If taken internally, call a physician.

If taken internally, call a physician. Technical Assistance:  
Visit our website: [floorprep.com](http://floorprep.com) or call 1-800-227-3434.

#### LIMITED WARRANTY:

Dependable, LLC warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Dependable, LLC. will correct any such failure by either replacing or repairing any defective goods, at Dependable, LLC's option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.



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