

# Planiprep<sup>®</sup> PSC

## Moisture-Resistant, Fast-Drying Patch and Skimcoating Compound



### DESCRIPTION

**Planiprep PSC** is a fast-drying, cement-based, fiber-reinforced, polymer-modified patch and skimcoating compound designed for preparing concrete and wood substrates for flooring installation.

### FEATURES AND BENEFITS

- High-polymer-modified
- Fiber-reinforced
- Resistant to high moisture up to 25 lbs. (11.3 kg) MVER and 100% relative humidity
- Fast-drying

For more information, contact your MAPEI representative or visit [www.mapei.com](http://www.mapei.com).





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**PRODUCT PERFORMANCE PROPERTIES** at 73°F (23°C) and 50% RH

Laboratory Tests	Results
Density (wet)	100 lbs. per cu. ft. (1.60 kg per L)
pH (wet)	About 11
VOCs (Rule #1168 of California's SCAQMD)	0 g per L (calculated)
Compressive strength – ASTM C109 (modified)	
4 hours	> 1,425 psi (9.83 MPa)
28 days	3,250 psi (22.4 MPa)
Flexural strength – ASTM C348 (modified)	
28 days	≥ 855 psi (5.90 MPa)

### SHELF LIFE AND PRODUCT CHARACTERISTICS

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C) in a dry area
Physical state	Powder
Color	Light gray

### APPLICATION PROPERTIES

 at 73°F (23°C) and 50% RH

Mixing ratio	1 part of water to about 2 to 2.5 parts of Planiprep PSC powder
Application temperature range	40°F to 90°F (10°C to 35°C)
Application thickness	Featheredge to 1/2" (12 mm)
Working time*	< 15 minutes
Final set (before light foot traffic) at a thickness of 1/4" (6 mm)	30 minutes
Time for installing floor coverings at skimcoat thicknesses < 1/16" (1.5 mm)	30 minutes
Time for installing floor coverings at skimcoat thicknesses > 1/16" (1.5 mm) but < 1/2" (12 mm)	90 minutes

\* Working time may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.



### PACKAGING

Size	Product Code
Bag: 10 lbs. (4.54 kg)	7378305
Bag: 20 lbs. (9.07 kg)	7378309

### APPROXIMATE COVERAGE\*\*

Product Amount	Coverage
10 lbs. (4.54 kg)	0.13 cu. ft. (0.0037 m <sup>3</sup> ), or 25 sq. ft. (2.32 m <sup>2</sup> ) at 1/16" (1.5 mm)
20 lbs. (9.07 kg)	0.26 cu. ft. (0.0074 m <sup>3</sup> ), or 50 sq. ft. (4.65 m <sup>2</sup> ) at 1/16" (1.5 mm)

\*\* Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, type of equipment, thickness applied and application methods used.